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Title word cross-reference

$(k+1)$ [AEA97]. (m, k) [Ram99]. $(N-1)$ [LW95a]. 1.5 [LH05]. 2 [HY04, JKA07, ST99a, SY00, SJPS01, TSP⁺08]. 3 [CYY00, DS05, WH03a, XPL04]. ^{EI} [RRRM09]. d [SV97]. K [LWJ06, BP98, CW00, Chi98, DAA97a, DMR01, HY01, HY04, HNO98c, KP99, KH97b, Kuo01, Li03, LWS04, LBS01, PSK99, PW99, PG07, RC95, SX08, SX09, TLM04, Wan98, YW03a]. L_2 [WH01]. m [ME93]. M^3 [BEK⁺93]. **speedup**(n) [HM90]. N [CST02, OPZ99, Soh95, BP98, CW00, Chi98, DAA97a, HM90, KP99, PSK99, PW99, PG07, RC95, SX08, SX09, TLM04]. n^2 [NS95b]. $n \times n$ [NS95b]. $O((\log \log n)^2)$ [HNO98a]. $O(1)$ [WH03a, XL08]. $O(n)$ [LM06]. p [Wan04, WLZ08]. $\pm 2^b$ [Nas93]. r [JJ07, Wan04]. wr [KH98].

-Arbiters [Kuo01]. **-Ary** [SX08, TLM04, BP98, CW00, Chi98, DAA97a, KP99, PSK99, PW99, PG07, RC95, SX09, Soh95]. **-Centers** [Wan04]. **-Connectivity** [LBS01]. **-Coteries** [HY01, HY04, KH97b, KH98]. **-Cube** [BP98, Chi98, PW99, TLM04, CW00, DAA97a, KP99, PSK99, PG07]. **-Cubes** [RC95, SX08, SX09]. **-Dimensional** [Li03, SV97, CST02]. **-Dominating** [Wan04]. **-Exclusion** [AEA97]. **-Firm** [Ram99]. **-Fold** [YW03a]. **-level** [ME93]. **-Local** [LWS04]. **-Merge** [HNO98c]. **-Neighborhood** [JJ07]. **-Partition** [HY04]. **-resilient** [LW95a]. **-Self-Protection**

[WLZ08]. **-Set** [DMR01]. **-Tree** [Wan98].

1 [DM93]. **1-Hop** [LJW⁺07]. **1999** [Ano99g].

2 [GR90, KWOA05, MCH⁺90]. **2-D** [LMN94, TC95b, GR90]. **2004** [Ano05b]. **2008** [Ano08d]. **2009** [Ano09d]. **2D** [SY98, TLGP97, YK98, YYS97]. **2D/3D** [TLGP97, SY98].

3D [SY98, TLGP97]. **3PC** [SK02].

5 [DCSM96].

802.11

[BCG04, JASA08, NK08, XLW⁺06, ZL07b].

802.11-Based [ZL07b]. **802.11e** [XL04].

802.15.4 [HPH08, MGZN07, MSM06].

802.15.4-Based [MGZN07].

A* [MD97]. **Ability** [SM97, SZ95a].

Abstraction [WMB96]. **Abstractions**

[AGL⁺98]. **Accelerating**

[CHJ⁺07, SGTP08]. **Accelerator** [Ano09c].

Access

[AMS97, ADD⁺02, BRSR08, CWYZ09,

DKKS04, Deb96, JGA08, KL02, LJZA04,

LH94, Lop02, MR02, NW98, NKP⁺96,

Par01, RO99, RNKZ03, XL04, AM93, BC92,

FC91, Geh93, GS91, LC94, KP93b].

accessed [Tho93]. **Accesses** [YY95, Har91].

Accessibility [KCW09, SSP⁺09].

Accessible [FARH02]. **Accountable**

[Ros03]. **Accounting** [BGMZ97]. **Accuracy**

[HV07, HE92]. **Accurate** [KPBD09, ZL07b].

achievable [KH93]. **Achieve**

[Gen00, TLM04]. **Achieving** [PS96a].

Acknowledgments [CH04b]. **ACOM**

[CSC07]. **acquisition** [CR94]. **across**

[ABJ⁺93, RM90]. **acting** [MM96]. **actions**

[RPW93]. **Activation** [CGL07]. **Active**

[BKI06, KMW95, MR03, MBTPV06,

MAJ⁺07]. **Activities** [SH96]. **Actor**

[AYA09, BBS⁺09]. **Actuator**

[KHM05, RE09]. **acyclic** [GY93]. **Ad**

[ALW⁺03, Ano04d, BK09, BMPP06, BS08,

CLW03, CKWC08, DW04a, DW04b, DW06,

DPH08, DAMK06, DB08, GJDA06, GYS05,

GY07, GS03, ISRS06, JJ07, LCWW03,

LWS04, LH06a, LWC⁺09, LJW⁺07, NO00b,

OSRS06a, OSRS06b, PDH06, SLFW06,

TR06, WY07, WO04, Wu02, WCDY06,

WD06, WYD07, XP05, YWD08, Yi09,

ZL07b]. **Ada** [SMBT90, STMD96]. **Adapt**

[MTL95]. **Adaptation** [BES06, CMBAN08,

KZN07, LLY04, dLCK⁺05, JASA08].

Adaptive

[BCCP04, BWC⁺03, BG09, CO94, Chi00,

CS02b, CCD⁺09, DHB01, DWX09, DS03b,

Dua95a, Dua95b, DP01, FFPF05, GCCC⁺04,

GLY07, GKK05, GPBS94, GS03, GKG06,

HHL08, HP07, HY07, HJB⁺09, HPH08,

JNGS06, KIBW99, KA06, KHY09, KLC97,

KS06, KSC03, KgCS04, KL02, Lan95, LB00a,

LP07, LC99, LLH⁺01, MTM02, MLSS07,

OKSA01, PC07, PGDS94, PGBI03, QNR99,

RCS01, RE09, RLD03, SKK01, SVM07,

SCW07, TX08, TW98, TD01, TR04, TR06,

TW00, VSD01, VS11, WCH⁺08, Wu98,

Wu00, XCZ04, YR06, ZPY06, DA93, Dua93,

KK92, OL92, PGFS94, SH93, YTB92].

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[QNR99]. **Adaptively** [YJZ97]. **Adding**

[SB94a]. **Additions** [Ano05b]. **Address**

[KAY⁺06, QD05, SKS02]. **addresses**

[Kop94]. **Addressing**

[CDV⁺06, DS05, NSZ02]. **Adjacency**

[RC95]. **Adjustable** [JJ07]. **Adjustment**

[ZMC03]. **Admission** [CS02b, HYP02,

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Advance [RRX09]. **Advanced**

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Advancements [BP96]. **Advances**

[CMR07]. **Affinity** [AAD08, ML94, SL93c].

affordable [NE93]. **against**

[CS05, LW09a, PZZ09, SX03, TC07]. **Agent**

[LJW05, MX03, SSsLY03]. **Agent-Based**

[LJW05, MX03, SSsLY03]. **Agents** [DS02].
Aggregate
 [CCSC09, CC03, CH08, CB03, DZH05].
Aggregates [CPX06, TCLY07].
Aggregating [BcFGM08]. **Aggregation**
 [TF01, ZPY06]. **Aggressive** [KGMB94].
Agreement [AKNR⁺04, FMR07, SCY98, STW00, WCY95, WYWZ08, KA94]. **AI**
 [DM93]. **aid** [WG90]. **Aided** [JK99, SR91].
Algebra [CHC04, KCS⁺99, AC93, EHJ94].
Algebraic [THT⁺97, CWL92]. **Algorithm**
 [ACT⁺97, ARQ⁺97, Ano04c, AMP07, AB03, BCVCV05, BQF99, BT98, BS08, COP00, CS01a, CRS06, CGK04, CY95, CFW98, CD08, CY96c, DW04a, DA98, DTE07, DS05, DB08, DY05, Din01, EW97, EAF00, FE97, FG06a, FB01b, GMRC07, GW96a, GRY07, Gon03, GFG⁺99, GRT97, GY07, HNO98a, HPT04, yH02, Hsi03, HALT95, HH95, HZ96, wJPP97, JK99, KKM08, KZ96, KR00, KM01, KA99, KC98, Lan95, LO95a, LH05, LM06, LT97, LL06a, LH03, LLWC09, LK00, LC02b, MM98a, MM98b, MS03, McK98, MBM98, MF96, NO97, NO98, OZ96, OB00, Pre99, RCS01, SRD04, SyFL99, SWC95, SSsLY03, SOM05, TW98, jTM96, UKY98, WCL97, WH03a, WR04, WLL⁺07, WMN99, WYJ⁺04, YJ97a, YJ97b, YR06, YC95, ZY07, ZH98, BCBzC92, BW94, BLO⁺94, BP94, CC93b, CH92, CL94, FA94]. **algorithm**
 [GR90, HAR94, KSA94, LW95a, LG94, LK94, ME95, MC93, NZ95, NM92, NLM90, Omi90, OL92, Pan93, RST95, RJ94, Sin92, SY93, SCD97, SW92, SR94, Var93, VJ93, VJ94, WL91, WYTD93, WDY93, YD94a, You93, YC96]. **Algorithm-Architecture**
 [GMRC07]. **Algorithm-Based** [CD08, YJ97a, YJ97b, BP94, RJ94, VJ93, VJ94].
Algorithm-Hardware [ZY07].
algorithm-machine [SR94].
Algorithm-Specific [GW96a].
Algorithmic [EAK97, PR05b, PD99].
Algorithms [AF05, AFAGR97, AB99, AV96, ABK98, AD95, BT00, BCVCV05, BCVC05, BcFGM08, BKB96, BCL09, BBG⁺95, BGOS98, BNO⁺01, BC96, BCR98, BHK⁺97, CLW03, ÇF99a, CYW08, CCY03, CC93a, CH04a, CBE93, Che96, CST02, CPhX04, CPX06, CK96, CBDW96, CFR99, DSO02, DÖ02, DVV07, DCF95, FYS05, FARH02, GVV09, GVGD95, GG94b, GG95, GW06, GKK97, HNO98b, HNO98c, HTTPS02, Ian97, IB95, Jou03, JKA07, KABK03, KHWT95, KB03, KPK09, KSP09, LC95, Lee97, LL06b, LCB96, LPZ98, LRG99, Li07, Li08, LHSML95, LNO⁺00, LCL03, LRS02, LH06b, LSVMW07, LWLN97, LZ05, MGZN07, NLW99, NS95a, PHKC09, PPR99, PPP04, PGFS94, RL98, Raj05, RKHM06, RK08, RJ99, Rav07, RLW⁺07, RS97b, SKK01, SM97, SBF00, SZ02, SVM07, SX07, Sto97, SL01a, SSZ02, Sto04, SY00, SJPS01, TCR96, TR93]. **Algorithms**
 [Tse05, TNPK01, VV99, WKS01, WHW05, WLZ08, WH03b, XLPH06, XC01, XTL06, YF97, YKS03, YvdRC05, YD95, YMG03, YZC08, ZY04, ZCLC06, ZCXF09, ZP07, ZT01, ZW02, dCVGG02, AAG94, AC92, Aln94a, Aln95, AC93, AB91b, AIK91, BJS90, BDS94, Cap92, CARW93, CA93, CCCS90, Che95a, EHJ94, EG93, HMR94, IS90, JR93, wJNPS97, KCN90a, KCN90b, KK92, LK90, LWY93, LL94, MS91, Nas93, NGL94, OW91, OSZ92, PJC93, PDC94, RSS90, RWF94, Rao96, RJ90, SC94, SP93, SF92a, SC91, SMJ92, Tak93, TB94, UEA95, WC90, WW92, Zia93]. **Aligned** [TG99].
Alignment [CHC04, GAL01, LSVMW07].
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All-Port
 [HÖ00, HK95, KLS00, jTM96, YW02].
All-To-All [SR98, SY98, BHK⁺97, CCY96, FYP07, FH97, GP03, SS01, TG96, YW00, YW01, YW02, CYW94, LS94b].
all-to-many [RWF94]. **Alleviate** [KZN07].
Alleviating [BP98]. **Allocating**
 [Bil94, CT94, HJS⁺06, HC97, KA96, Men05].
Allocation [AMSK04, CW00, CC99,

CYY00, CML05, CXN06, CNT05, DP02, DD95, FLZ09, GBD07, GLV06, HÖ99, HP07, HPT04, HPH08, JLS02, JJ09, KY98, LC95, LKHL03, LJCL08, LWLN97, MEKOT03, MMJ03, PC07, PC05, RTS95, Ram95, RK08, SKJ07, SP95, SJ99, TF96b, VKS⁺09, WMWL08, WFS09, WHC03, XQ08, YMP08, YLL⁺07, YL08, YYS97, YD95, YL97, ZX04, ZWX06, ZW02, AM91, CD94, CO95, CS94, KDL91, KLDR94, Lat94, PJC93, SST94, WM93, ZS95b]. **Allocations** [XCZ02, XCZ04]. **Allowing** [KY97]. **Alternatives** [BP94, DNSC09]. **Among** [SSP00, YV98, And90, DAF95]. **Among** [MAJ⁺07, RPW93, WYWZ08, YA93]. **Analysis** [AEA97, AM93, AKSS04, AT07, Bak05, BKB96, BCL09, Bor00, CWLR09, CGK04, CHJL04, CPX06, CH08, CY00a, CH95, CYD98, CF94, DW04b, DYJ97, FHA06, Fei05, FYJ⁺09, GRT97, KGKL08, KW08, KP09, LKK95, LP96, LCB96, Li07, LYW08, Li08, LR96, MM98b, MTL95, ON06, PP96, PF08, PK04, RLW⁺07, RBSP02, SKJ07, SRT96, SST94, SV97, SRL98, SK95, SSsLY03, SM02, SMH02, TC06, TXL08, TL05, Tos07, TRS90, TKW98, TK96b, Var01, VMXQ04, VR05, WR04, WH98, XPL04, XTL06, YJ97a, YFM98, YJHG06, ZH99b, ADM92, AV94, AC92, AS92, BE92, BCJ90, BDS94, CH92, CTC93, DY93, HK91, KK93b, KGS94, KK92, KS93, LYZ90, ME92, ME93, MS94b, MRW92, MB92, MD96, Pad91, RB90, RM90, SMTB90, STMD96, SF92b, Tze93]. **Analytic** [LC04, SH93, SLEV03, Yi09]. **Analytical** [FCF00, HY99, MZA02, OKSA01, RAHM05, Sob96, SE98]. **Analyzer** [WHL95]. **Analyzing** [FLP⁺07, MYA01, HMW93]. **And-Parallel** [PG01]. **AND/OR** [ZMM04]. **Angle** [NO97]. **Angle-Restricted** [NO97]. **Annealed** [GS95]. **Annealing** [CFW98, HM95, LL96, Soh95, BJS90, NZ95, WCF91]. **Annual** [Ano97a, Ano98a, Ano99b, Ano04a, Ano05b, Ano07a, Ano08a, Ano08d, Ano09d]. **Anonymity** [HL08, XXZ03, ZB09]. **Anonymous** [JKR01, LHL⁺08, WLHB08, YK96a, YK96b]. **Answering** [SMH02]. **Antenna** [LJZA04]. **Antennas** [DW06, JGA08]. **Antiworm** [CT07]. **Any** [CSC07]. **Any-source** [CSC07]. **Anycast** [JXT⁺04, XJZZ00]. **Aperiodic** [GMM97]. **APIs** [dLCK⁺05]. **AppLeS** [BWC⁺03]. **Application** [AAS03, Agr98, BB05, BIWK00, DDV⁺07, HDRS00, HP06, HALT95, KHM05, KPR05, LCWW03, OSS93, PHKC09, PK99a, QR07, STMD96, SkLC⁺03, SSRV99, SCP02, SZ04, TSAL97, TS98, TSRS07, VSD01, VJA97, YM09, AM91, BCJ90, KK93a, MN92, SS90, XB93, You93]. **Application-Centric** [SCP02]. **Application-dependent** [OSS93]. **Application-Driven** [SSRV99, BCJ90]. **application-oriented** [MN92]. **Application-Specific** [HP06]. **Applications** [ASS95, BRS07, BCCP04, BKI06, BCF⁺08, BM00b, BNO⁺01, BES06, CLB08, CH04b, Che95b, CN02, CN04, CHJ⁺07, CSR07, CG02a, CG02b, Din01, DÖ02, FB01a, FLP⁺07, GN06, GB06, HÖD99, HNO98b, HCD97, KKC⁺05, KKCB02a, KKCB02b, KR00, LCB00, LCGC07, LH93, LSZ09, LWS04, LP07, NO97, NSZ02, OZ96, PK95b, PM96, RNR⁺03, Ram99, RJ96, Rob04, RRG07, RD09, VKS⁺09, WC09, WCCR⁺97, WH03b, WCDY06, XP07, XL96, GH93, HKM⁺94, HB92, LO95b, MTSDA93, SA94, SSG91, TMTH96]. **Applied** [CDR98, SKB04, dSF03]. **Approach** [ASB02, ASS95, AAB⁺00, BOC09, CS01b, CS02a, CWLR09, CT97, CLS04, DHP⁺07, FO05, GLY07, GY95b, GMR98, GS08, HP03, JBW⁺08, JZ04, KH97b, LQZ09, LZTY09, MRLD01, PK00, PD95, RGL05, RAHM05, SP03, SL09, SvVB05, SZ08, TCLY07, TC07, TGV08, TF01, TLGP97, TWH99, VKS⁺09, WT98, WTCY95, WDY98, WYJ⁺04, WCR09, YZZ00, YKS03, YM09, YXW03,

ZFMS03, dBL98, dB98, CS90, KK93a, O'H91, SSG91, jTM97, YW93]. **Approaches** [MB07]. **Approximate** [BM00b, KPK09, LR96, THH08, Tse05, XTL08, KA94]. **Approximating** [BI95, yCM98]. **Approximation** [FH03, LH05]. **Approximations** [Gre98]. **APTEEN** [MZA02]. **AQM** [WLL⁺07]. **Arachne** [DR98]. **Arbiters** [Kuo01, ZY07, TC93]. **arbitrarily** [EA93]. **Arbitrary** [AMS97, Bar98, VB96, VM04, WM95, LS94a]. **Architraction** [MLSS07]. **Architectural** [KPBD09, SSP00, SKPS01]. **Architecture** [AGGD04, AGGD05, AAS03, AB03, BS96, DSY99, DZHG04, FV09, GMRC07, GM97, GSS06, ILL07, KH04, KW08, LCGC07, LK07, LWY96, LOSW99, LNOZ03, LLA⁺06, MR03, MGA⁺09, OC05, PABD⁺99, SS08, SCL05, SSP02, Ste96, WCCR⁺97, YWY08, YYX⁺09, YKDV02, ZYKG07, ZN04, ZH07c, AS92, AG96, ABDZ94, BCJ90, CPA93, DFD93, Efe92, GP93, HISS94, Lee93, LWY93, MLL92, TC94, YZW94, ZA92]. **Architectures** [AFM02, AS96, CGM⁺07, CF01, CBDW96, CG02a, CG02b, Din01, FPGAD08, FJY98, GR06, IT07, LBC03, MCG08, MYA01, OHRW99, RD98, SLEV03, SvAS04, TSG09, XZL05, YYS97, ZYC95, AM93, KSA94, OD93, OS94b, PLW96, RB90, RP94, SP93, SL93a, SRT94, SMS93, YD94b, ZY95, ZL96]. **Area** [CBD⁺01, FARH02, SC05, Ant94, CAB93, CCJ02]. **ARIMA** [TR04]. **Arithmetic** [RSP02]. **Arrangement** [HCH99, LC01, BGM94]. **Array** [BFL⁺01, CE95, CLPT02, CY00a, DSO02, DDP⁺98, GWL97, GR06, HTPS02, HCYD01, KKC⁺05, KP93b, KKC03, LHS03, LPZ98, LCL03, Par95, PPR99, RS97a, SK95, TCR96, TC95b, WHW05, XRY09, Cap92, GR94, JWC94, Lin93, O'H91, SC92, SA93]. **Array-Intensive** [KKC⁺05]. **Arrays** [AKN95, CHC04, Che95b, CM95, Din01, GW96a, LHSML95, PK99a, RJ99, TKP00, TC95a, VMXQ04, WH01, YL96, vDSP96, GM94, LK90, Mar93, NJ94, SF92a, WC90, TL05]. **Artificial** [SZ03a, SSZ06]. **Ary** [SX08, TLM04, BP98, CW00, Chi98, DAA97a, KP99, PSK99, PW99, PG07, RC95, SG94, Soh95, SX09]. **ASAP** [GLY07]. **ASCEND** [AV96, Nas93]. **ASCEND/DESCEND** [AV96]. **Aspects** [AF05, ZJ03, MJ94, NSD93]. **Assignable** [PH05]. **Assignment** [AAB⁺00, BPT03, BRTM09, CB00, CYD98, HTPS02, KGM97, KM02, KA99, LS97, Lee06, NYD09, SKS02, SZXS05, CNNS94, WW92]. **Assignments** [LO95a]. **Assisted** [AYA09, CF01, YLW07, ZH07a]. **associated** [CO94]. **Association** [BS08, JZ04, PPBSA97]. **Associative** [SDFV96, WM95]. **Assumptions** [MRT06]. **Assurance** [XHYL05]. **Assuring** [CWYZ09]. **Asymmetric** [CB00]. **Asymptotical** [LC02a]. **Asymptotics** [DF09]. **Asynchronous** [BCVVCV05, BCVC05, BKB96, BCCP04, BBS⁺09, CF99b, DMR01, FG01, GMRC07, GY95b, HHM⁺00, HLH04, LL96, LT97, LCB96, LH01, MRT09, QR07, SW95, VM99, WDCK04, CF94, MLS94, MD96, MMSA94]. **ATM** [KS01]. **atomic** [KST94, LG90, RPW93]. **Attached** [MKR00, ZBJ⁺05]. **Attack** [YWF⁺09]. **Attackers** [LLY05]. **Attacks** [CS05, CHK07, CPM07, PZZ09, SL09, SX03, WS03, WCBX06, XZG09]. **attribute** [KG92]. **Attributes** [HSH⁺99, PR05b]. **Auction** [CZLM09]. **Auction-Based** [CZLM09]. **Auctions** [CGM05, WLL08]. **Augmented** [ABC⁺01a]. **Authentication** [LHL⁺08]. **Authorization** [WRB09]. **Auto** [FO05]. **Auto-Parallelizing** [FO05]. **Autocorrelated** [ZMRS08]. **Automata** [JASA08, SZ02, SZ03b, SSZ06, TK96a]. **Automata-Based** [SZ02]. **Automated** [TC07]. **Automatic** [AKN95, BW96, EHP98, Fos91, GP92,

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Backbone

[BMPP06, SY97, WWL06, YWD08].

Backfilling

[Fei05, MF01b, TEF07, ZFMS03]. **Backoff** [XLW⁺06]. **backpropagation** [KSA94].

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Backup [MAJ⁺07, ZJ99]. **Bag**

[BCF⁺08, Ros02]. **Bag-of-Tasks**

[BCF⁺08, Ros02]. **Balance** [PH05].

Balanced

[AOB93, BBR07, CTS96, CHHC06, DPS96a, DPS96b, DP02, GZ06, HV07]. **Balancing**

[BCVC05, BCCP04, BBR07, CT08, CK02, CCJ02, DHB01, DHP⁺07, DB06, DvdMK09, GZ09, GB06, HC99b, JJ09, LRRV04, LC99, LJW05, Mit01, SVM07, SX07, SZ08, TP95, Tse09, WT98, Wu97b, ZRS⁺05, ZS09, ZH05, ZT01, Bok93, GO93, GT93, LK94, Lin93, WLR93, ZMRS08]. **Band** [WNKS96].

Bandwidth

[ACT06, BGMZ97, CS05, CKWC08, CS02b, DZHG04, GBD07, GLQL09, LKKS05, NE01, PC07, SY07, SSRV99, TCLY07, TSK06, TLGP97, US04, WCH⁺08, WFS09, WLL08,

YL07, ZX04, MS94b, ZS95b].

Bandwidth-Constrained

[CKWC08, GBD07, WCH⁺08].

Bandwidth-Efficient [YL07].

Bandwidth-Optimal [TLGP97]. **Bank**

[BGMZ97, TSP⁺08]. **Banker** [LM06].

Banyan [YJHG06, SF95, YN90, YA93].

Banyan-Based [YJHG06].

Banyan-hypercube [YN90]. **Barrier**

[CS95, OS02, SH95a, SCL01, YK98, OD93].

Barriers [Sol02]. **Base** [PSK99]. **Based**

[AFM02, AJ95, AEA97, AAD08, AA00, AMP07, BQF99, BA07, BGOS97, BES06, BOC09, BRTM09, CS01a, CB05, ÇA99, CCSC09, CBM⁺07, CT97, CST02, CS05, CY06, CD08, CLY08b, CHC09, CJHG08, CGL07, CZLM09, CMDP09, CAZ04, CNT05, CMBAN08, DS96, DW04b, DP06, EKOAW02, EBS04, FYS05, FG06b, FIMR01, FT97, FYJ⁺09, GBD07, GPST09, GVV09, GB06, HS99a, HY07, HJB⁺09, HH08, HLL09, HS98b, HCC06, JZXX99, JJ09, Jou03, JKA07, KKM08, KZ96, KH04, KA06, KP01, KL99, KLH07, KCD07, KK03b, LNYY03, LDCO08, LZ08, LWY96, LMS04, LL06a, LL06b, LLSZ08, LC99, LJLN07, LCL03, LJW05, LS06, LW09c, LQZ09, LZTY09, MKR00, MGZN07, MGQS⁺08, MKY⁺09, MX03, MTK06, MAJ⁺07, MRT06, MBM98, NGB⁺05, NE01, NGM97, PC07, PPR95, QCC99, RS97b, RLD03, SS08, SF08, SD04, SKB04, SZ02]. **Based**

[SJd⁺09, SFP03, SSP00, SCO⁺07, SP05, SC05, SCW07, Ste96, SCP02, SSZ02, Sto04, SvVB05, SDDY00, SSsLY03, Sun02, SS09, SX03, SS00, TJ08, TC04a, TC06, TC07, TCC07, TXL08, TF01, TAKB06, TN08, TPL96, TYK99, TF96b, Tze04, VM99, WC09, WCH⁺08, WL08a, Wu98, Wu02, XZNX08, YJ97a, YJ97b, YK98, YKS03, YLW07, Yi09, YJHG06, ZYKG07, ZYC95, ZMMS08, ZWX06, ZL07b, ZLKK07, ZH05, ZH07c, ZJWX08, ZL05, ZCSY08, ZCO98, BW94, BP94, CR94, CH92, CTC93, DK92, DD95,

DI95, FHRT93, GDI93, HMR94, JF94, LB94, MXEN94, MB92, NE93, RJ94, SMBT90, SSG91, VJ93, VJ94, YK92, DMTB93]. **Baseline** [YW05b]. **Basic** [CHB98, DCF95, NO98, WS98, YN00]. **Basic-Cycle** [CHB98]. **basics** [PK92]. **Basis** [CXP09]. **Be** [MRT06, SVP08]. **Beacon** [MSM06, XCZ08]. **Beam** [JGA08, LJZA04]. **Behaved** [BDL95]. **Behavior** [Bor00, CHL09, CB03, GY95b, HS99a, NN96, RD98, YJHG06, TMTH96]. **Behavior-Based** [HS99a]. **Behavior-Level** [GY95b]. **Benchmark** [HXA96, HWWX99, KHS07]. **Benchmarking** [MTSDA93]. **Benchmarks** [MM07, BE92, EHP98]. **Benes** [DC98, LO95a]. **Best** [HY07, KY98]. **Best-Effort** [HY07]. **Best-Fit** [KY98]. **Between** [MT97, PPR99, ZYC95, BCdSFL09, CJPW06, DAF95, EF96, GZ09, HWSH00, QCC99]. **Beyond** [PW95]. **BGP** [WZP⁺03]. **Biconnectivity** [KR00]. **Bicriteria** [Tse09]. **Bidirectional** [DY05, SFP03]. **bin** [BW94]. **Binary** [AfAGR00, CCP95, Che95b, LC96b, LNO⁺00, SF07, YR96, AM90, AM91, CL93, CO94, GM94, Pad91]. **binding** [RK94a]. **Bioinformatics** [ON06]. **Biological** [LSVMW07, YFM98]. **Biology** [AAB06, Ano05c, LS06]. **Bipanconnectivity** [SX09]. **Bipancyclicity** [SX09]. **Bipartite** [LXN07, YC96]. **bipartite-permutation** [YC96]. **Bisector** [WKS01]. **Bit** [ST99b, SDFV96]. **Bit-Pattern** [SDFV96]. **Bitonic** [LB00b]. **BitTorrent** [LYW08]. **BitTorrent-Like** [LYW08]. **BLAST** [ON06]. **Block** [ASS95, DDP⁺98, EG93, Har91, JR96, LRG99, PPR99, PHP03, PD99, XRY09, KK93a, SMJ92]. **Block-Cyclic** [DDP⁺98, LRG99, PPR99, PD99]. **Blocking** [HY99, MGA⁺09, WP00, YJHG06]. **Blocks** [YN00]. **Bluetooth** [LSW04, TSK06]. **BON** [BBR07]. **Boolean** [CT97]. **Boost** [CW06]. **Boosting** [FLMD02a, FLMD02b]. **Bootstrapping** [MCL⁺07]. **Borrowing** [EKOAW02]. **Both** [CBE93, TCS97]. **Bottleneck** [BP98]. **Bound** [BDvD98, GT02, EA93, YD94a]. **boundaries** [WF94]. **Boundary** [LCN⁺07]. **Bounded** [CH09, CSR07, KWL⁺09, LZ02, NSU97, HK91]. **Bounded-Bypass** [CH09]. **Bounded-Collision** [CSR07]. **Bounded-Size** [LZ02]. **Bounding** [LL98]. **Bounds** [AV96, BC95, HK06, LDG04, LMT98, RO99, VV99, XU01, GG94b, JR94, SRT94, TR93]. **Branch** [EAK95, MC95, UEA95, YD94a]. **branch-and-bound** [YD94a]. **branch-and-combine** [UEA95]. **Branching** [Lee95]. **Breadth** [SVP08]. **Breadth-First** [SVP08]. **Break** [JBW⁺08]. **Break-In** [JBW⁺08]. **bridge** [EF96]. **Broadband** [SA09]. **Broadcast** [BDD⁺96, CCY96, DW04b, GP03, HK95, KH04, KLS00, MSMA90, MQ97, NOS99, NOZ02, SR98, SPS98, SLFW06, SPC⁺02, TJ08, jTM96, THT⁺97, XTL06, YW02, ZL05, CYW94, LS94b, LG90, jTM97, VB93, XUAS99]. **Broadcast-Based** [KH04]. **Broadcast-Efficient** [NOS99]. **Broadcasting** [BNH99, BBG⁺95, CFKR98, DW06, HK98, ISRS06, LWS04, PC96, PS96b, SWC95, SSZ02, Sto04, TWH99, VB95, BLO⁺94, CCCS90, LA93, MS92]. **Broadcasts** [BLMR05, VB96, ST93]. **Broker** [DZHG04]. **Brokering** [BGJ06]. **Browsing** [LA04]. **Bruijn** [BCH94, HW97]. **BSR** [Sto96, XUAS99, XU01]. **buddy** [LC91b]. **Buffer** [CY06, CCJ02, GLV06, Par01, VV99, YZC08, ZCL04, DY93, MS93]. **Buffered** [CCQ⁺05, GLS07, LKK95, Mha09, MD96]. **Buffering** [LWY96, MLW06, ZY06]. **Buffers** [WHM09]. **Building** [BK09, HLL09, LXN07, YN00]. **Built** [CXP09, WS03]. **Built-In** [WS03]. **Bulk** [FH03, RRX09, YXW03]. **bundled** [BR94].

Bus [AV96, CG08, CS97b, DSO02, EAK97, FYS05, GP99a, HTPS02, KH97a, LP96, LPZ98, RMO⁺95, THT⁺97, TH01, WHW05, BIA⁺97, Lee93, TV92, WC90, WS93]. **Bus-Based** [FYS05]. **Bus-Networked** [CG08]. **Bused** [Fid92]. **Buses** [Chu95, LOSW99, PZLS01, RS97a, WH01, GM94, LO95b, SP93]. **Butterfly** [HWSH00, WMN99, Tze93]. **Bypass** [CH09]. **bypassing** [AB94]. **Byzantine** [AMPR01, BCdSFL09, NT09, SCY98, WCY95].

C [Geh93, FO05, ZH99b]. **C/C** [Geh93]. **Cache** [CC03, CH04a, CY00a, CY00b, FPGAD08, GCCC⁺04, HNY02, HKS⁺07, KKGS01, MM07, MTL95, PNZ⁺02, PPP04, PD95, PD00, PPR95, SSP⁺09, SPC⁺02, TCO01, VGSS01, WDCK04, WDY98, YZZ00, YZC08, ZCL04, AH91, JF94, LY93a, MB92, NGL94, SG93, SL93c, SF92b, YTB92]. **Cache-Based** [PPR95, JF94]. **Cached** [GS95]. **Cacheminer** [YZZ00]. **Caches** [WM95, WFP90]. **Caching** [BB08, ILL07, LSB⁺07, LWY96, LA06, LAS04, SD04, SWH98, TCC05, WXLZ06, WH98, LWY93]. **CAD** [HB92]. **Calculation** [CHB98]. **Call** [Ano97d, Ano97b, Ano97c, Ano98c, Ano98b, Ano99c, Ano99d, Ano99e, Ano01b, Ano01c, Ano01d, Ano02b, Ano03c, Ano04b, Ano04c, Ano04d, Ano05c, Ano07c, Ano08c, Ano09c, Ano09b, HYP02, SFP03]. **Call-Overflow** [SFP03]. **Can** [LLY05, MRT06]. **Can't** [LLY05]. **Capability** [ZY04, HISS94]. **Capable** [YKDV02]. **Capacity** [CSC07, SSP⁺09, TSRS07, ZCLC06, ZL08, ZLP09, KK93b]. **Capacity-Aware** [ZCLC06]. **Capacity-constrained** [CSC07]. **Capsules** [Geh93]. **Capture** [CAZ04]. **CAREL** [SR91]. **Carlo** [You93]. **Carrier** [CLW03]. **Carry** [WYD07]. **Case** [AD98, Fei05, GRT97, LS06, TSJ07, XRY09, DI95]. **cases** [YK96a]. **Categorization** [PS08]. **Causal** [CGK04]. **Causes** [Fei05]. **Cayley** [CL97, DD01, VS96, WMN99]. **CC** [BIWK00, PGBI03, ZY95, AGGD05]. **CC-NUMA** [BIWK00, PGBI03, ZY95, AGGD05]. **CCL** [BBC⁺95]. **CD** [BB08]. **Cedar** [TZ97]. **Cell** [Mha09, SZ03a, BJS90, KBD08, SA09, SVP08]. **Cell/BE** [SVP08]. **Cellular** [CS02b, HYP02, JLS02, NSZ02, SZ02, SFP03, SZ03b, SSZ06, XPL04]. **Center** [Wan98]. **Centers** [TGV08, Wan04]. **Centralized** [BCF⁺08]. **Centric** [HJH02, PK00, SCP02, YWY08]. **certain** [BP94]. **Certificate** [JEG07]. **Certificateless** [STY09]. **Certification** [Ara08]. **CGIN** [Chu96]. **Chain** [LKHL03, Li07, TKP00, VM04]. **Chains** [CHC09, JEG07, LL96, MMSM06, HN93]. **Challenges** [Ano98b, LLY07, TL05, VMXQ04, WA99]. **Chameleon** [KIBW99]. **Changes** [BCQD07]. **Changing** [CH08, Lai00, VJA97]. **Channel** [BP98, BPT03, HTPS02, JLS02, KL02, MBW02, XL04, ZW02, Dal92]. **Channel-Adaptive** [KL02]. **Channel-Assignment** [HTPS02]. **Channels** [CS97b, GN96, HSH⁺99, LSF⁺09, SCK00, SD00b, TPL96, VSD01, ZS95a, Ahu93, DA93, SG94]. **Characteristics** [MTL95, NKP⁺96]. **Characterization** [Bor00, BES06, CY95, KPBD09, KK03b, LJW05, MS99a, MM07, PW99, SCP02]. **Characterizing** [AD98, TMTH96, YK96a]. **Checking** [Qad03, TNPK01]. **Checkpoint** [Qua01, WCLF95]. **Checkpointing** [AT01, BQF99, CS98, CS01b, CS02a, CCD⁺09, MS99a, PK92, PLP98, PS96c, QS03, SE98, TKW98, Tsa03, Vai99, WCLF95, KP93a, LNP94]. **Checkpoints** [CS01b, CS02a, MNS97]. **Checks** [ANKA99]. **Chief** [Bhu06b]. **Chip** [AGGD04, Ano03c, BB05, BJM⁺05, HP06, KKC⁺05, LM06, MKY⁺09, PHKC09, PSGD05, PP05, WOT⁺07, XL08].

Chip-Scale [BB05]. **Chips** [KAY⁺06].
Chitra [ADM92]. **Choice** [FCF00].
Choices [Mit01]. **Cholesky** [KBD08].
Choose [KS08a]. **Chord** [SL09]. **Chordal**
 [Ano99f, PK99b, YCTW07]. **Churn** [SX07].
Churn-Resilient [SX07]. **Circuit**
 [AR97, CDR98, HALT95, PC96, PS96b,
 SJM09, SV97, Bok93, HC92].
Circuit-Switched [PC96, PS96b, Bok93].
Circuits [ZMP07]. **Circular**
 [FT97, HS98b, Tze93, WS93]. **Circulation**
 [IKOY02]. **CLAM** [GMR98].
Clarifications [ME93]. **Class**
 [IB95, RJ96, WL00, YW01, YW03b, YW04,
 ZCXF09, AB91b, BL91, CAB93, CI92,
 CNNS94, LC94, ME92, ME93, Nic92, OW91,
 Sch91, YD94a, Zia93]. **classes** [Nas93].
Classical [BS96, O'H91]. **Classification**
 [GR06, JWC94, Ksh03, KK03b, MS99a].
Classifier [KGKL08]. **Classify** [MR02].
Classifying [BOPZ04, XLW⁺06]. **Client**
 [AFM02, CN02, CN04, ILL07, Rob04,
 TCC05, ICT93]. **Client-Server**
 [AFM02, ICT93]. **Client-Side** [TCC05].
Clients [dLCK⁺05]. **Cloaking** [WLHB08].
Clock [EAK95, SS08, ZL07b, dB98, Arv94,
 OS94a, UEA95, YM95]. **Clocking**
 [EA93, PN95]. **Clocks**
 [Her00, MB92, TKT92]. **Closed** [Bar98].
Closed-Form [Bar98]. **Closer** [QD05].
Closest [WHW05]. **Closure**
 [TC95b, SC92, WC90]. **Cluster**
 [AAB⁺00, FHB97, FG06b, GB06, HCC06,
 HJH02, JKR01, KB03, KLH07, KCD07,
 KWOA05, MSM06, NGB⁺05, OXL06,
 RNR⁺03, SC05, TSRS07, VVR07, XCZ02,
 ZSMF01, ZN04, ZJWX08, AT07].
Cluster-Based [FG06b, GB06, HCC06,
 KCD07, NGB⁺05, ZJWX08]. **Cluster/Grid**
 [VVR07]. **Clustered**
 [AF05, BP96, CB05, HÖD99, PSGD05,
 SJd⁺09, YGE06, ZRS⁺05, ZH98]. **Clusterer**
 [WCR09]. **Clustering**
 [BMPP06, DAMK06, GRS99, HP03,
 KABK03, KB06, Raj05, RGL05, RS91b,
 SYC03, YYY09, GY93, PLW96]. **Clusters**
 [Ano04c, BP06, CdMB05, CRS06, CJPW06,
 DDV⁺07, FYP07, FB01a, GKK05, JZ04,
 LLH⁺01, LBS05, MAS⁺07, RK08, SH95a,
 US04, XCZ04, XQ08, YKDV02]. **CM**
 [DCSM96]. **CM-5** [DCSM96]. **CMP**
 [CASM07, FPGAD08, HKS⁺07, IT07,
 SSP⁺09]. **CMPs** [CHJ⁺07]. **coalescing**
 [OD93]. **Coallocation** [BE07]. **Coarse**
 [AFAGR97, KL01, DAF95].
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 [AFAGR97, KL01, DAF95]. **Coarsest**
 [RL98]. **Code**
 [CK08, GAK03, MM07, Pre99]. **Codes**
 [CAZ04, CMBAN08, HT06, KLS00, LLL09,
 MQ97, WL08b, XB98, ZL96]. **Codesign**
 [ZY07]. **Coding** [AJ95, CJHG08, CZLM09,
 MJ98, WLL08, Kop94]. **Coding-Based**
 [AJ95]. **Coherence** [CLS05, CH04a, CH07,
 CY00a, CY00b, FPGAD08, GCCC⁺04,
 GP99a, MM07, MTL95, PD95, PD00,
 SPC⁺02, TF96a, LY93a, MB92, YTB92].
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 [PNZ⁺02]. **Collaboration** [KyK09, SGB08].
Collaborative [BRS07, CHK07, CL09,
 LZR09, MTM02, Sun02, SS09]. **Collecting**
 [KK93b]. **Collection** [Bar98, EVW07,
 GLY07, HV07, KMW95, LWP07, RKHM06,
 SNI02a, SNI02b, TX08, HM92, IT93].
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 [BBC⁺95, Kan01]. **Collective-I** [Kan01].
Collective-I/O [Kan01]. **Collectives**
 [VR05]. **Collector** [CRN09, MJ06].
Collision [CSR07, MLSS07, NO00a].
Collisions [WDY98]. **Colored**
 [JK99, BCBzC92, LR93]. **Coloring**
 [Hsi03, JBW⁺08]. **Column** [LC96b, SP93].
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 [HC99a, YGE06]. **Combine** [BNBH⁺95,
 BDD⁺96, EAK95, jTM97, UEA95].
Combined [AS99, MRT06, WSB09].
Combining [KGS94, LKK95, LS94a].

Commensurable [SS08]. **Comment**

[Che07, CN04, HS98b, Rob04, SH97, TL05, Tho06, VS11]. **Comments**

[CL97, Sto04, YMP08, YP98]. **Commerce** [ZWX06]. **Commercial** [Bor00]. **Commit** [HRG00]. **Common** [CLY08b, LL94].

Communication

[AB99, AKNR⁺04, ABK98, Ano04d, BBC⁺95, BS96, BV05, BC99, CB05, CS94, DS03b, FYP07, FH97, GMR98, Gon03, Gon08, GDK09, GRT97, GS95, GSS96, HS99a, HSLA05, HMR99, HJB⁺09, HWKH01, JVYA05, JKR01, KCRK00, KB03, KL99, KS03, KgCS04, LB00b, LNY03, MFLX01, MX03, MJ94, NOZ02, OSRS06a, OSRS06b, PH04, QM97, Res97, RMC95, STY09, SK02, SH96, SS05, SWH98, Sto97, SY98, SDDY00, SS01, SS00, TSAL97, TTB⁺00, TKW98, Tsa03, TG96, TG99, VRKL96, WCDY06, YW04, YMG03, ZS98, AS92, Ant94, BGM94, Bil94, GR90, Gup92, KSF94, LC91a, LR93, LN93, MXEN94, NZ95, RSV90, RWF94, SS94, SC93, TC93].

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communication-efficient [LC91a].

Communication-free [CS94].

Communication-Induced

[HMR99, TKW98, Tsa03].

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[BHK⁺97, GT02, GBC⁺07, HCYL06, Li03, SO95, SJM09, YL08, QM94].

Communicators [DFKS01]. **Compact**

[MBW02]. **Compaction**

[BOC09, TC98, NE93]. **compaction-based**

[NE93]. **Comparative**

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Comparator [CBE93]. **Comparing**

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Compartmentalized [Lee06].

Competitive [WH98]. **competitors**

[ÖD96]. **Compilation**

[Agr98, CKK⁺04, KCRB03, PSC⁺95,

RSP02, SPF99, UZCZ97, PAM94]. **Compile**

[AH91, ASS95, GS91, KA99, MTL95, OS02, RS91a, SL93a]. **Compile-Time** [ASS95, KA99, MTL95, AH91, GS91, RS91a, SL93a].

Compiled [YMG03, RK94b]. **Compiler**

[BF04, CF01, CK08, CY00a, CY00b, FO05, Kan01, LCB00, McK98, NZP03, PNZ⁺02, SJM09, SCO⁺07, YLL⁺07, YYX⁺09, NSD93, TMTH96]. **Compiler-Assisted** [CF01].

Compiler-Directed

[CK08, CY00b, Kan01, SCO⁺07].

compiler-parallelized [TMTH96].

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[Ano97d, Ano97c, FS00, HCYL06, BE92, CS94, GB92, LYZ90, SLY90, TN93b].

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Complement [HWKH01]. **Complete**

[CTS96, CW00, FO05, LC96b, SY00, SJPS01, TLGP97, CL93, FD94].

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[BBD00, CLS05, KA99, SKJ07, THW02, YC95, ZCXF09, AB91b, CARW93, KST94].

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Component-Oriented [KCK⁺06].

Composing [GN06]. **Composite**

[ADD⁺02, Kuo01, NL02, SF95].

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[HL09b, KKS07, PS08, RGK09].

Compositions [GvG06]. **Comprehensive**

[LK07, YC93]. **Compressed** [EAF00].

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[KS06, MNM04, NLW99, YKP08].

Compressionless [KLC97]. **Compressions**

[Kla98]. **CompuP2P** [GSS06].

Computation [BC06, BGO⁺96, CKK⁺04, CPX06, CH08, DGFHR03, GM97, JKR01, JB01, LHS03, MNS97, MSG07, NZP03, RJ05, SS96, Soh95, XH08, YFM98, CWL92, Efe92, GG94a, GR90, WCF91].

Computation-Efficient [XH08].

Computation/Compilation [CKK⁺04].

Computational

[ATML08, AAB06, Ano05c, BGJ06, BP06,

FLZ09, KA09, LS06, RD09, SVM07, SZ08, VVR07, WBO⁺01, XZNX08, wJNPS97].

Computationally [Ara08]. **Computations** [BW96, BGOS97, Chu95, GWL97, GRS99, KCRK00, LRRV04, LT00, MR06, NO98, PM96, SkLC⁺03, YF97, YXW03, AMAM94, CNNS94, HE92, ML90, Nas93]. **Compute** [EK95, HNO98a]. **Compute-Intensive** [EK95]. **Computer** [BA97, BHL⁺07, CV08, Chu95, GG95, JK99, RJ99, SR91, SP03, Var01, WS98, WS00, vDSP96, CPA93, Don91, GG94b, NLM90, SC93, YK92, BG90]. **Computers** [AGWFH97, AFAGR97, Ano97d, Ano97b, Ano97c, BBC⁺95, GKS95, Lee97, Li08, MT97, PZLS01, SGTP08, SW96, YFJ⁺01, ATG92, CCCS90, DK92, GK93, HISS94, HQL⁺91, JS90, KK94, KDL91, KLDR94, SP93, SW95, WLR93]. **Computing** [AN94, ACM08, AAD08, AAB⁺00, Ano01b, Ano01c, Ano01d, Ano09c, Ano09b, ABC01b, BNBH⁺95, BWC⁺03, BFL⁺01, CS01b, CS02a, CW02b, CY96b, CK02, DÖ02, EBS02, FLP⁺07, GBD07, GSS06, HHM⁺00, HJH02, JKR01, KKS07, KB03, KL99, KSME08, KL02, LZ08, LLGS09, LSBS98, LBS05, LWN98, LMT98, MTM02, MX03, ON02, PS08, PC05, PS96c, Ros03, RD09, SRL98, SC05, SZ03a, SZ03b, TSAL97, TS98, TGV08, TAKB06, THW02, VB95, WNKS96, WOT⁺07, WL00, YK96a, YK96b, YDW⁺09, YK03, Zha03, ZS98, ZH07b, ZP07, ZW02, CO95, CYW94, DGB⁺96, EA93, FA94, SR91].

Concept [CCJ02, KCN90a]. **Concepts** [LO95b]. **concurrence** [AB91b].

Concurrency [KWH02, FHRT93].

Concurrent [AG96, Ant94, EDO06, GDJ94, HISS94, KMW95, Pan93, XRR00, BCBzC92, CTC93, LNP94, TH93, VJ94, Geh93].

Condition [Dua95a, Dua96, VS11].

Conditional [HL09b, Lee95]. **Conditions** [NX95]. **Conference** [YW04].

Configurable [DDY99, RSP02, SY00].

Configuration [Add97, HDRS00].

configurations [LK94]. **conflict** [BR91].

conflict-free [BR91]. **Conflicts** [YD95].

Conformed [PSK99]. **Congested** [hKY08].

Congestion [BLD05, CSH00, CY06, FH97, GW06, KZN07, LSC95, SP05, TLM04, TR06].

Conjugate [GKS95]. **Connected** [AD95, CL00, CXP09, Chu95, CY96c, DW04a, GG95, KWL⁺09, Kla98, LW95b, LWLN97, MBM98, PZLS01, TKP00, WCY95, WL00, Wu00, dCVGG02, CCCS90, CT94, CS92, EF96, GG94b, MC93, PN93, SP93, TC94].

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Consensus [DMR01, FIMR01, LC02a, MP91, NCV05, SCY96, TYK99, WCR09, AB91a, Fu97].

Consensus-Based [FIMR01].

Conservation [TSRS07]. **Conservative** [BT00, HN93, Nic92, WHL95].

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Consistent [AJF96, GMS09, HMR99, HK06, MNS97, MG09, NX95, RS08, Vai99].

Constant [Aln94a, BM00a, BGOS98, CL97, Gen00, HALT95, wJNPS97, Sto96, WC90, Aln95, EA93, KS91, VS96, ZA92].

Constant-Time [BGOS98, Aln94a, Aln95].

Constrained [BKS03, BBD00, BGOS98, CKWC08, GBD07, GAG96, HÖ99, KHM05, KSME08, TX08, WCH⁺08, ZLAV04, ZPY06, ANN95, AMAM94, CSC07, SS94, SL93a].

Constraints [AA00, BRS07, CKC08, GLV06, GLQL09, LT00, RC95, RSG06, ZL08, ZLP09].

Constructing [KPK09, KWL⁺09, KWH03,

KH97b, LS96, ST99b, WCL97].

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[AfAGR00, HY05, JVYA05, LCN⁺07, PH96, TSK06, XP07, YWD08, Sch91, You93].

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[BP98, KGKL08, KA09, ZS09]. **Containing** [LH03, WNKS96]. **Contaminations**

[JBW⁺08]. **Content** [CHA07, CLB08, CF08, KYB08, TX05, VR05, ZYKG07, ZH07c].

Content-Based [ZYKG07, ZH07c].

Contention [BGMZ97, DMKJ96, KP99, MF01a, SS05, ZYC95]. **Contents**

[Ano00b, Ano00c, Ano01f, Ano01g, Ano01h, Ano01i, Ano01j, Ano01k, TC04b]. **Context**

[HV07, SS09, YK03]. **Context-Based** [SS09]. **Context-Sensitive** [YK03].

Contextual [JJ09]. **Continuous**

[BV05, Gon08, JN08, LL02, SBK02a, SBK02b, XRY09, HN93].

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Continuum [AD09]. **Contributory**

[AKNR⁺04]. **Control**

[ASB02, ANKA99, BÖ98, BRSS08, BLD05, BG09, CWYZ09, CS02b, DDY99, DWX09, DF99, HYP02, JJ07, JXT⁺04, KWH02, KL02, LJZA04, LLY04, LLY07, LWS04, LH06a, LH06b, Lop02, LWK05, LLA⁺06, MGZN07, NW98, PK99a, Ram99, RLD03, RNKZ03, SRT96, SLFW06, TB93, TLM04, TSJ07, TK96a, WJLK07, WCH⁺08, WD06, XHYL05, XL04, YXW03, ZL07a, Bir93, Dal92, FHRT93, NSD93, SS90].

Control-Based [RLD03, WCH⁺08].

control-flow [NSD93].

Control-Theoretical [ASB02].

Controllable [RAHM05]. **Controller**

[HY07, WOT⁺07]. **Controllers** [CH07].

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[KET06]. **Convergence** [BCVVCV05, BKB96, HPT04, HH95, Kin06, dB98].

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[ZY04, ZY06]. **Convex**

[BGO⁺96, HNO98a, AD98]. **Cooperating**

[CF95]. **Cooperative** [BB08, ILL07, KA09, KYB08, WRB09, WCDY06]. **Coordinated** [CS98, CLY08a]. **COPACC** [ILL07]. **copies** [AGE94, BL91]. **CoProcessors** [KSWR03]. **copy** [LG94]. **copying** [IT93]. **CORBA** [AFM02, FWDC⁺00, LNY03, MFLX01].

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Corona [BBS⁺09]. **Correcting**

[KLS00, XB98]. **Correction**

[Ano99g, Ano99f, Ano99h, CS02a, DPS96a, MBW02, MTM02]. **Corrections**

[Sto04, ME93]. **Correlated** [MM07].

Correlation [LWP07, MAJ⁺07, SLT03].

Corrupted [HZ97]. **Coscheduling**

[FFPF05, SL06]. **cosine** [MM96]. **Cost**

[AAB⁺00, Chi98, CZLM09, GG09, GvG06, GMCB01, JLF03, KB03, LW09a, MLW06, MRLD01, MAS⁺07, MKY⁺09, OZ96, OC05, PS96c, Qua01, RvG02, Sar93, SWH98, TC04a, TC04b, WKS01, WWL06, XXZ03, YW05a, BL91]. **Cost-Effective**

[JLF03, MRLD01, MAS⁺07, YW05a].

Cost-Efficient [MKY⁺09]. **Cost-Optimal**

[OZ96, WKS01]. **Costs** [ABK98, KDW01, KM02, SRL98, SY98, TF96a, Bil94, Gup92].

Coterie [HY01, HY05, NM92]. **Coteries**

[BI95, HY97, HY01, HY04, KH97b, KH98, IK93]. **Counter** [WS03, XLW⁺06].

Counters [SY97]. **Counting** [GPST09].

Coupled [ADG⁺08, LJLS09]. **coupling**

[YD94b]. **covariance** [LH93]. **Coverage**

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[TF96b]. **Covers** [PKL06]. **CPU** [US04].

CPUs [SL06]. **CRAP** [KHWT95]. **Crash**

[RCS01, VJA97]. **CRCW** [WH03a].

creation [MKH91]. **Critical**

[AD09, HK06, Hol98, KA96, XTL06].

Critical-Path [KA96]. **Cross**

[DAA97b, ZCXF09]. **Cross-Layer**

[ZCXF09]. **Crossbar**

[Mha09, WL00, TC93, YC93].

Crossbar-Connected [WL00]. **Crossed**

[CSH00, Fan02a, Fan02b, FLJ05, Wan08, Efe92]. **Cryptography** [BRTM09, EP05].

Cube [BP98, CL00, Chi98, CY96c, HGC05, JVYA05, Kla98, LCRW98, PW99, PN93, SCL00, TLM04, TF96b, Wu98, CW00, DAA97a, Efe92, KP99, MC93, OC93, ÖD96, PSK99, PG07, SG94, SB94a, TC94, ZL96].

Cube-Based [Wu98]. **Cube-Connected** [CL00, CY96c, Kla98, MC93, TC94]. **Cubes**

[CSH00, Fan98, Fan02a, Fan02b, FLJ05, FJL07, cFC98, Hsu93, HWSH00, JHK97, RC95, Sca99, SX08, Wan08, Wu97a, SX09].

Cubic [COP00, GD95, SP95, YP98].

Cubical [LW95b, Cap92, SC94]. **Curves**

[GM97, PB96]. **Customized** [BJM⁺05].

Customizing [HSH⁺99]. **Cut**

[CFKR98, Dua96, KP01, QNR99].

Cut-Through

[CFKR98, Dua96, KP01, QNR99]. **Cyber**

[Ano08c, TGV08]. **Cyber-Physical**

[Ano08c, TGV08]. **Cycle** [CHB98, GW06, LH05, Ros02, RH04, ZKB08, SKF94].

Cycle-Stealing [Ros02]. **Cycles**

[BT98, CL00, HCH99, Kla98, LW95b, MS03, Wan08, MC93, TC94, YM95]. **Cyclic**

[DDP⁺98, cFC98, HWSH00, LRG99, LW09b, MJRS06, PPR99, PD99, TG99].

Cyclic-Cubes [cFC98, HWSH00].

D [CYY00, DS05, GR90, JKA07, LMN94, ST99a, SY00, SJPS01, TSP⁺08, TC95b, WH03a]. **DaAgent** [MX03]. **Daemon**

[KY97]. **DAG**

[BOC09, KLH07, KGS94, MLS94, WSG01].

Dags [CMR07]. **Daisy** [VM04]. **DASH**

[LLJ⁺93]. **Data**

[AKN95, AMY09, AMS97, AM06, AKSS04, BcFGM08, BW96, BE98, CW02a, CHC04, CS97a, CL09, CY00a, CHB98, CJPW06, CN02, CN04, CGM05, CAZ04, CSR07, DYJ97, DGFHR03, EBS02, EDO06, EVW07, GAL01, GLY07, GLV06, GSS96, HV07,

HQL⁺91, HCYL06, HH95, HZ96, JLDC05, JVYA05, KK04, KCS⁺99, KCW09, KAY⁺06,

KCPT96, KET06, LAV03, LC95, Lee97, LRG99, LSCZ07, LCL03, LRS02, LWP07,

MY07, MNM04, MTL95, NZP03, NSD93, ON06, OXL06, PK99a, Par95, PHP03, PC05,

PP96, PS03, PSC⁺95, PPBSA97, PLT00,

PK04, PW95, RKHM06, RSB97, RD98,

Rob04, RJ05, Sah00a, SF08, SKB04,

SkLC⁺03, SvVB05, SPF99, TS98, TX08,

TGV08, TF96a, TTB⁺00, XCZ04, XL04,

XRY09, XTL06, YKP08, ZS09, ZXZ⁺09,

ZH98, ZPY06, AB91a, CS94, DY93, EG93,

GDJ94, GB92, HN90, KN95, KCN90a]. **data**

[KCN90b, KGS94, LHS92, LYZ90, RS91a,

RST95, SMS93, SB94b, TB93, TT94,

WYTD93, WDY93, WT92, HSWB07].

Data-Driven [KET06, PK99a, ZXZ⁺09].

Data-Flow [CS97a, CY00a, EG93].

Data-Gathering [ZS09]. **Data-Intensive**

[ON06, OXL06, XCZ04]. **Data-Parallel**

[GSS96, LC95, SPF99, HQL⁺91]. **Database**

[FCF00, ZBJ⁺05, GD94, Omi90, TB93,

Var93]. **Databases** [GLV06, HCY97, LC04,

Men05, WH98, PK92]. **Dataflow**

[BG90, AM93, Lee91, LHS92, PAM94].

Dataspace [SvVB05, CR90]. **DAW** [CT07].

dBCube [CAB93]. **dbx** [NE01]. **DCMP**

[ZKB08]. **DDoS**

[CS05, CHK07, LLY05, SX03, WS03].

Deadline [KGM97]. **Deadlock**

[BC96, CBD⁺01, DA93, Dua95a, Dua95b,

Dua96, DP01, DLPP05, FF98, GFG⁺99,

JKA07, LMN94, LPD05, MRLD01, PPD03,

RLD03, SP03, SP05, TW00, VS11, WP00,

XL08, Bir93, Dua93, GPBS94, PGDS94,

PGFS94, PN93, STMD96]. **deadlock-and**

[GPBS94, PGDS94]. **deadlock-avoidance**

[Bir93]. **Deadlock-Free** [BC96, CBD⁺01,

Dua95a, Dua95b, Dua96, DP01, DLPP05,

JKA07, LPD05, PPD03, TW00, VS11,

DA93, LMN94, Dua93, PGFS94, PN93].

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[NE01]. **debugging** [GH93]. **Decentralized** [BCVCV05, BBR07, LC02a, RGL05, SVM07, SBK02a, SBK02b, WJLK07, WZZ09]. **Deciding** [Ost90]. **decision** [YK96b]. **Declustering** [SL93b, Tos07, GD94]. **Decoding** [Sto96, THH96]. **Decomposed** [CDR98]. **Decomposition** [AAD97, ÇA99, KGKL08, KR00, LK94, PLT00, SK02, WMB96, MS94b]. **Decompositions** [PD99]. **Decoupling** [GBC⁺07]. **Deep** [GR06]. **Deeply** [ZMP07]. **Defending** [SX03]. **Defense** [CS05]. **Deferred** [DYJ97]. **defined** [MM96]. **Deflection** [BC95, FR96, Kuc01, RS97b]. **Deflection-Routed** [FR96]. **Degradation** [YJ97b, HW91]. **Degree** [CL97, EF95, HALT95, LSW04, WMN99, YV98, PN93, VS96]. **Degrees** [cFC98]. **Delaunay** [LCWW03, LSW04]. **Delay** [AH06, BRS07, BGMZ97, BC95, CS01a, DF09, Fu97, LLY04, LLA⁺06, SJKC06, TYK99, TSJ07]. **Delay-Optimal** [CS01a, Fu97]. **Delays** [DHP⁺07, GRT97, VRKL96, BGM94, BC92, RS94]. **Delegated** [Ara08]. **Delivery** [BV05, CLB08, DHN95, Gon08, LLX06, SL01a, TC04b, XHYL05]. **Demand** [CZLM09, HL09a, ILL07, JGA08, LZTY09, SKS02, WL08a, XTL06]. **Demands** [XCZ02]. **Demonstration** [GB92]. **Denial** [CPM07, SL09]. **Denial-of-Service** [CPM07, SL09]. **Density** [AD09]. **Departure** [CHL09]. **Dependability** [PPD03, DK92]. **Dependable** [Ano98c, ABC01b, HSH⁺99, PABD⁺99, SR99]. **Dependence** [BE98, PP96, PK04, TN93a, KKP91, LYZ90, SF92a, VJ93, WT92]. **Dependencies** [PW95, XC01, KS91]. **Dependency** [CTC93, TKW98]. **Dependent** [CASM07, SP03, AT07, OSS93]. **Deployment** [CBM⁺07, SKCL09, WT08, YLW07, YG08]. **Depth** [CS90, PWW00, FHRT93]. **Depth-First** [PWW00, CS90]. **Derived** [WL97]. **Deriving** [Abr97, XP07]. **DESCEND** [AV96, Nas93]. **Description** [QS03]. **Design** [ANKA99, AS96, ABS01, Ano04c, ACD⁺09, BDD⁺96, CRS06, CSR⁺09, CJHG08, CV08, CY00b, CL05, CS03, Din06, FVR03, GVV09, GMCB01, GMR98, HCHM09, HP06, HY07, IC92, JKA07, KYD⁺07, KCN90b, LB00a, kLCC⁺06, LG08, LK04, LAS04, LLA⁺06, MNM04, MB92, MCG08, MYA01, Pad91, Pak07, PGBI03, RB90, RLW⁺07, SKJ07, SBF00, SVM07, SMBT90, SH94, SF09, SP07, SM02, TC95a, VJ94, WMXZ06, WF06, XPL04, YJ97a, YTB92, YN00, LKG92, TV92, WF94]. **Design-Space** [MCG08]. **Designing** [Ano98b, BP96, BC96, CCCS90, GWL97, KHWT95, THH96, WA99, WCR09, YK98]. **Designs** [TC95b, YW05a]. **Detecting** [HZ97, ISAZM09, MSM09, SM97, SWWJ08]. **Detection** [ANKA99, AMPR01, BCVCV05, BT98, CHK07, CK96, DTE07, DL02, FMG02, GW94, GW96b, HS99a, LT97, LLS06, LCN⁺07, MS03, MSG07, NO00a, PK00, RLW⁺07, RLD03, RNKZ03, TT01, XL08, XL96, ZLKK07, GMG96, HISS94, LW95a, TH93, VJ94]. **Detectors** [HHM⁺00]. **Determination** [CH01, HMR99, KCS⁺99, KL99]. **Determining** [HMW93, Tho93]. **Deterministic** [BRS97, CF95, KLH07, KWOA05, PF96, XZG09, XB98, AV94]. **DEUCON** [WJLK07]. **Developing** [GMS09, LPD05]. **Development** [TS98, Gab90]. **Devices** [CKK⁺04]. **DFT** [GR90]. **DHT** [CSC07, LQZ09, ZH05]. **DHT-Based** [LQZ09, ZH05]. **Diagnosabilities** [CCC05]. **Diagnosability** [Fan98, Fan02a, Fan02b, HC09, HT07]. **Diagnosis** [CBE93, DC98, Fan02a, Fan02b, HALT95, KHM05, SS07, SB04, BP94, LS94c, Rao96, VJ94]. **Diagonal** [TLGP97, YFJ⁺01]. **Diagonal-Propagation** [TLGP97].

Diagram [AD08, EW97]. **Diameter** [DAA97a, DAA00, EF95, MC93, TR93].
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DiCAS [WXLZ06]. **Dictionary** [NLW99, YL96, FC91]. **Difference** [EAF00, PR05b, PR05a, Kop94]. **Different** [KKCB02a, KKCB02b, BDS94]. **differential** [You93]. **Differentiated** [GRY07, LAS04, RAHM05, SY07, WFS09].
Differentiation [TJ08, XP05, ZX04, ZWX06]. **differing** [YA93]. **Difficuly** [CJLN09].
Difficulty-Aware [CJLN09]. **DiffServ** [LLY04]. **DiffServ-Enabled** [LLY04].
Diffusion [SKK01]. **Digital** [KKC03, LOSW99, SMJ92]. **Dimension** [BC99]. **Dimension-Order** [BC99].
Dimensional [AD09, yCM98, CWCC07, CST02, CC99, GW96a, LCRW98, LHS03, Li03, SV97, ZWX06, LC91b, SF92a]. **Direct** [BA07, DHN96, GY95a, MDL06]. **Directed** [BM00a, CK08, CY00b, GT02, Kan01, LPE⁺99, SCO⁺07, GY93]. **direction** [PKK93]. **Directional** [AJF96, DW06, GJDA06, YWD08].
directories [LY93a, SG93]. **Directory** [AGGD05]. **Dirty** [DYJ97]. **discipline** [ZLE91]. **Disconnected** [KKGS01].
Discovering [NT09]. **Discovery** [AOK09, AMH08, CHC09, DP06, MG09, YK03, ZZMN07]. **Discrepancies** [PM02].
Discrete [NL02, TSP⁺08, XC04]. **Discrete-Event** [NL02]. **Disjoint** [KWH03, PKL06, YW03b, YW05b, YD95].
Disk [BSCB09, DP02, JO95, LL02, Par95, SCO⁺07, TL05, VMXQ04, XRY09].
Diskless [PLP98]. **Disks** [MKR00].
Dispersal [JEG07]. **display** [IA95].
Dissemination [EVW07, Gon08, KMG03, MDSS09, RHM09, THH08, BFP96].
Distance [CPhX04, yH02, Hsi03, LHS03, SWWJ08, WH03a]. **Distance-Hereditary** [yH02, Hsi03]. **Distinct** [YK99].
Distributed [AD98, AS99, AKN95, AJ95, AEA97, Agr98, AK99a, ACM08, AJMJS03, AJF96, ABS01, AKSS04, Ano97d, Ano97b, Ano97c, Ano02a, Ano07c, Ano08c, Ara08, AMH08, AMP07, BQF99, BcFGM08, BRSS08, BBD00, BV05, BCF⁺08, Bor00, BT98, BG09, CLW03, CS98, CS01a, CCY03, CG08, CC93a, CLJ⁺04, ICL95, CT02, CPX06, CPM07, CT07, CH08, CWYZ09, CK96, CY96b, CK02, CS96, CLS04, CYD98, CF99b, DPN09, DA98, DPH08, DTE07, DHP⁺07, DB06, DS02, Din06, DL02, EBS02, EP05, EDO06, EVW07, FHA06, FHRT93, FJY98, FI95, GB00, GAL01, GG09, GMS09, GY95b, GBD07, GFG⁺99, GLV06, GY07, HDRS00, HY05, HHM⁺00, HSH⁺99, HKM⁺94, HM95, HPT04, HCD97, HJH02, JR96, JNGS06, JS90, JXT⁺04, JLS02, JW00, KMW95, KKGS01, KKM08, KHM05, KGM97, KH04, KR00]. **Distributed** [KPK09, KK93a, KL99, KCW09, KA05, KW08, LTZS06, LSB⁺07, Lee97, Lee06, LJCL08, Li07, LC99, LCL03, LLL09, LJW⁺07, LK00, Lop02, LC04, LWK05, LC02b, MZ05, MJ98, MNS97, MS03, MJRS06, MBTPV06, MMJ03, Men05, MG09, MOFD05, MROD07, MP97, NSU97, PAM95, PR05a, PN95, QD05, RvG02, RKHM06, RSB97, RGL05, RMO⁺95, RGK09, RHM09, RBSP02, RLD03, RRFH98, SF08, SM97, SKS02, SKCL09, SBK02a, SBK02b, SH95a, SGB08, SCK00, SW96, SE98, SP05, SCW07, SvAS04, SJ99, SB04, SNI02a, SNI02b, SS09, SM02, SMH02, TCLY07, TF01, TSK06, TD01, TF96a, TM97, Tho06, TH06, TP95, Tse05, TT01, VVR07, WXLZ06, WWL06, WCBX06, WJLK07, WT08, WOT⁺07, WH98, XHYL05, XL04, XLW⁺06, XCZ08, XB98, XRR00, YF97, YW98, Zha03, ZS98, ZH98, ZPY06, ZKB08, ZJWX08].
Distributed [vDSP96, vdMDM07, ADM92, Arv94, BGM94, BIA⁺97, Bil94, CR94, CO95, CY92, CH92, CYW94, CF94, Fu97, GW94, GG94a, GW96b, HMR94, IK93, KP93a, KK93b,

KM91, Kum92, KH93, LW95a, LKG92, LY94, LY93b, MN92, MSMA90, MR92, MMSA94, OSS93, PJC93, PLW96, PK92, RS94, RS91a, RP94, SST94, SH93, SC93, SH94, SM94, SSG91, Sin92, SR91, SY93, SW92, Tho93, TKT92, Var93, VB93, WCS92, WS93, WM93, YJZ97, YK92, ZSLW92].

Distributed-Memory [DA98, RvG02, SST94].

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Distribution [AF05, Bar98, BGJ06, CHA07, CF08, CWCC07, CN02, CN04, DDV⁺07, GAL01, GLQL09, KM02, KYB08, Lee97, Li03, MZ05, NZP03, Rob04, SF08, SvVB05, TC04a, TX05, VR05, WCD08, XH08, YM09, CV92, RS91a].

Distributions [LRG99, PSC⁺95, TG99].

Distributive [CY96c]. **Diverse** [LG08].

Divide [CPM07, LRTZ96].

Divide-and-Conquer [CPM07]. **Divisible** [Bar98, BCL⁺05, CG08, CWCC07, DW03, GKK05, Li03, SRL98, VM04, YvdRC05].

division [QM94]. **DNS** [WZP⁺03].

DOACROSS [CY96a, CY99, KS91, XC01].

Document [Tse05]. **Documentation** [GM09]. **Documents** [BV05]. **Doing** [SF09].

Domain [BJM⁺05, GMS09, Pak07, Pre99, PLT00, SK02, SKB04, SCP02, BGO⁺97].

Domain-Based [SCP02].

Domain-Oriented [GMS09].

Domain-Specific [Pak07, Pre99, BGO⁺97].

Domains [CHK07, ADM92]. **Dominating** [DW04a, KWL⁺09, SSZ02, Sto04, Wan04, Wu02, WCDY06, jTM97].

Dominating-Set-Based [Wu02].

Domination [yH02]. **Domino** [LNOZ03].

Double [DY05, SZ95a]. **Double-Loop** [DY05]. **Down** [KP01, KDL91]. **Down*** [SRD04]. **Downlink** [MSM06]. **Download** [LA04, SJKC06]. **DP** [JKR01]. **dQUOB** [PS03]. **DRAM** [WHM09]. **Draw** [COP00].

Driven [BÖ98, CML05, KET06, LZTY09, PK99a, PPR95, RE09, RBSP02, SSRV99, SJKC06, SJ99, WR04, ZXZ⁺09, BCJ90, HE92, HB92, NGL94]. **DRP** [GJDA06].

DSC [YG94]. **DSDM** [AMH08]. **DSM** [CH04a, LBS05, PBA03]. **DSP** [FO05, GR94, SZXS05]. **Dual** [CDV⁺06, LSZ09, MGDZ07, OC05, RMO⁺95, SCY96, BR91, CV92, KGM96, MP91].

Dual-Core [MGDZ07]. **dual-network** [CV92]. **Dual-Objective** [LSZ09].

Dual-Thread [OC05]. **Duality** [CMR07].

Duplicate [FRGJ07, MD97]. **Duplication** [AK98, BKS03, BOC09, CKC08].

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Editor-in-Chief [Bhu06b]. **Editorial** [AAB06, Bhu06b, Bhu09a, CRS06, IT07,

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Energy-Limited [FHA06].
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Enforcement [MTL95]. **Enforcing** [LW09a, TF96a]. **Engine** [SA09].
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Evaluation [ANKA99, ABS01, BT00, CLB08, CV92, CLJ⁺04, DS96, FS00, Fei05, HS99a, HXA96, IT93, KKCB02a, KKCB02b, KWOA05, KHS07, LEH92, LJZA04, LB00a, LR97, LAS04, MKR00, MMSM06, NGM97, PP96, PPR95, PK04, QNR99, SFP03, SH96, SLEV03, SRD08, TCO01, VDS99, WM95, XTL06, YD94a, YZC08, ZYC95, AMAM94, BCBzC92, DF97, EMS90, HC92, HK93, ICT93, KG92, LG94, SH94, Var93, YC93, YD94b, ZY95]. **evaluator** [SR91]. **Even** [Chi00, cFC98, Pad91, RS90]. **even-sized** [Pad91]. **Event** [AJF96, CK96, NL02, XC04, ADM92, HMW93]. **Eventual** [MRT06, WCR09]. **EveryWare** [WBO⁺01].
Evil [AS00]. **Evolving** [SZ03b]. **Exact** [AV96, HH95, PF96]. **Example** [Abr97, LBS05, PK95b, BCBzC92].
Exception [XRR00]. **Exchange** [DD98, DD01, SY00, SJPS01, TLGP97, YW00, YW01, BCH94, Pad91]. **Exchanged** [Che07, LHP05]. **Exclusion** [AEA97, AMP07, CS01a, CH09, FT97, HY05, HS98b, JK99, Jou03, KKM08, KM01, LK00, RRRM09, TYK99, BCBzC92, HMR94, IK93, NLM90, Sin92]. **Executing** [FB01a, GVGD95, WW92]. **Execution** [Abr97, AKSS04, CF00, CY96a, DHN96, DÖ02, HÖ99, HCF03, HCY97, KL01, KPR05, MGDZ07, MT97, PH02, TSAL97, WSB09, ClW91, KK93a, KM91, MLS94, RK94a, RK94b, RM90, Uht92, WCS92].
Executions [MJRS06]. **Existing** [dLCK⁺05]. **expanding** [JS93]. **Expansion** [dBL98]. **Expansive** [CMR07]. **Expected** [WWWA09]. **Experience** [CSR⁺09, DCSM96]. **Experimental** [BCJ90, Fei05, HS99a, KKCB02a, KKCB02b, NN96, PK04]. **Experiments** [GMR98].
Expiration [TC04a, TC06]. **Expiration-Based** [TC04a, TC06].
Explicit [YL08]. **Exploit** [RSP02, WX07, YZZ00]. **Exploitation** [PLT00]. **Exploiting** [AGGD04, AK98, CW06, HT06, LCB00, LL90, LWP07, MA01, Pre99, RSB97, RM90, RH00, TLM04, TT94].
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[CC03, CH04a, KYD⁺07, PC05, SP07].
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 [CT97]. **Extended** [DW04a, KP92, Sca99,
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Fail [CD08]. **Fail-Stop** [CD08]. **Failure**
 [DÖ02, FCF00, HS99a, HHM⁺00, KHM05,
 LL02, PS96c, SCY96, WYWZ08, ZS95a,
 ZLKK07, MP91]. **Failure-Detection**
 [HS99a]. **Failures** [CD08, CS96, Par95,
 RCS01, Sin96, SS07, TCS97]. **Fair**
 [DVV07, HS08, IKOY02, KSP02, LMS04,
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 [AMY09, JS98, Kar01]. **Faithful** [GG09].
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 Kop96, Tak93, OSZ92, VS96, Zia94]. **FAN**
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 [CMDP09, MKY⁺09, RRRM09]. **Fat-Tree**
 [CMDP09]. **Fault**
 [AOK09, AB99, AM95, AMPR01, Ano98b,
 BMR99, BHL⁺07, BC99, BCH94, CYW08,
 CL93, CLJ⁺04, ICL95, CC01, CD08, CXP09,
 CC98, CCD⁺09, DDY99, DC98, DAA97a,
 DAA00, DAMK06, DY05, Dua97, FD94,
 FPGAD08, FIMR01, GY95a, GMM97,
 GN96, GMCB01, HÖD99, HY99, HDF07,
 Her00, HCH99, HL09b, JZXX99, KIBW99,

KH04, KLC97, KH97a, Lan95, LDCO08,
 LH06a, LLGS09, LHSML95, LH03, MGDZ07,
 MM98b, MJRS06, MBM98, OS94a, OS94b,
 PG07, RO99, RST95, RRRM09, SyFL99,
 SCP99, SB04, SDDY00, SNI02a, SNI02b,
 SLH97, TJ07, THH96, TL06, TB94, TCS97,
 TH01, VDS99, WC09, WMWL08, Wu98,
 WA99, Wu00, Xia01, YJ97a, YJ97b,
 YDW⁺09, ZS98, dB98, AM91, BS95, BP94,
 CS90, Chu96, GMG96, KK93a, LG90, MN92,
 OC93, Rao96, RJ94, SB94a, SM94, Tze93,
 TC94, VJ93, VJ94, WF94]. **fault** [YZW94].
Fault-Aware [LLGS09]. **Fault-Containing**
 [LH03]. **Fault-Free** [HCH99]. **Fault-Local**
 [DAMK06]. **Fault-Resilient** [AOK09].
Fault-Tolerance [GMM97].
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 GN96, GMCB01, HY99, JZXX99, KH04,
 KLC97, Lan95, LDCO08, LH06a, LHSML95,
 MM98b, MJRS06, MBM98, PG07, RO99,
 RRRM09, SCP99, SDDY00, SNI02a, SNI02b,
 THH96, TCS97, TH01, VDS99, Wu98,
 WA99, Wu00, Xia01, YDW⁺09, ZS98, dB98,
 BCH94, CL93, FD94, OS94a, OS94b, RST95,
 TB94, BS95, CS90, KK93a, LG90, SM94,
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 [GK93, Har91, SBF00, TH93]. **fiber**

[AAG94]. **fiber-optic** [AAG94]. **Fibonacci** [Hsu93, JHK97, Sca99, Wu97a]. **File** [FV09, FBD96, HY96, JO95, LYW08, MMJ03, NKP⁺96, SJKC06, WX07, AGE94, BL91, KE90]. **File-Access** [NKP⁺96]. **Files** [DP02, HZ97, KA06, PM02]. **Filling** [AB07]. **Filter** [LH93, TSP⁺08]. **Filtering** [LKK02, LZR09, SX03, WH03b, SMJ92]. **Filters** [WH01]. **Find** [XZG09]. **Finding** [HNO98b, LH03, MNS97, Wan98, Wan04, CF94]. **Fine** [Ksh03, PKJ97, RH00, RH04, Sun02, ZF07, DAF95]. **Fine-Grain** [RH04, Sun02]. **Fine-Grained** [Ksh03, PKJ97, RH00, ZF07, DAF95]. **Finite** [GLS07, LKK95, LC99, SKB04, TK96a, MD96]. **Finite-Buffered** [GLS07, MD96]. **Firewall** [LG08, LG09]. **Firm** [Ram99]. **First** [BMR99, PWW00, SVP08, CS90]. **First-Fit** [BMR99]. **Fit** [BMR99, KY98]. **Fixed** [EF95, cFC98, OPZ99, WMWL08, PN93]. **Fixed-Degrees** [cFC98]. **Fixed-Priority** [WMWL08]. **Flat** [TC04b]. **Flexible** [DSY99, FFPF05, HKS⁺07, LDCO08, SDFV96, TL06, XZG09, RFDS97]. **Flexible-Schedule-Based** [LDCO08]. **Flexibly** [PH05]. **FlexiTP** [LDCO08]. **Flip** [CBM⁺07]. **Flip-Based** [CBM⁺07]. **Floating** [ZP07]. **Floating-Point** [ZP07]. **Flooding** [DP06, LJW⁺07, SL01a]. **Flooding-Based** [DP06]. **Floods** [SWWJ08]. **Floor** [BRSS08]. **Flow** [AAS03, ANKA99, BÖ98, BJM⁺05, CS97a, CY00a, DDY99, DF99, FYJ⁺09, LL06b, LMN95, RLD03, AN94, Bok93, Dal92, EG93, KGS94, MS94b, NSD93, SMS93, TB93]. **Flow-Based** [FYJ⁺09, LL06b]. **Flows** [JXT⁺04, LW09a, ZMRS08]. **Floyd** [MF96]. **Fly** [KS06, MRT09, PK00]. **Fold** [YW03a]. **Folded** [DCF95, ÖD96, EAL91, KS94]. **Force** [LW09c]. **Forests** [VRKL96]. **Fork** [Che01, LMT98, KS93, TRS90]. **Fork-Join** [LMT98, KS93, TRS90]. **Fork/Join** [Che01]. **Form** [Bar98, ME95]. **Formal** [GT02, PD00, WP00]. **formalization** [AH93]. **Format** [EBS02]. **Formation** [BMPP06, DW04a, LSW04, WWL06]. **Formulation** [PK01, KSA94]. **Fortran** [SLY90]. **Fortran/HPF** [UZCZ97]. **Forward** [Dua96, MTM02, WYD07]. **Forwarding** [BSCB09, KCD07, WCBX06, WLHB08, YL08, KCPT96]. **Four** [CL97, CH95, WMN99, AH93, VS96]. **Fourier** [FA94, ZA92]. **FPGAs** [ZMP07]. **Fragment** [MMJ03, SY93]. **fragmentation** [NSD⁺91, YW93]. **Fragments** [Men05]. **Framework** [Agr99, BCCP04, BF04, BC96, CAZ04, DLS09, FS00, GAL01, GAG96, GSS96, KCS⁺99, KCRK00, KCRB03, KLC97, KyK09, KPBD09, LK07, LL07, LWP07, MAS08, MYA01, PNZ⁺02, PK95a, RSB97, SBF00, SKCL09, SA94, THH08, Yi09, YR06, ZCO98, vDSP96, EHJ94]. **Free** [BC96, CBD⁺01, Dua95a, Dua95b, Dua96, DP01, DLPP05, GPST09, GY09, HCH99, JKA07, Kuc01, LYW08, LPD05, Mic04, MRT06, PPD03, SGB08, SL01a, TW00, VS11, WWWA09, BR91, CS94, DA93, Dua93, GPBS94, HM92, LMN94, PGDS94, PGFS94, PN93, SC93]. **Free-Riding** [LYW08]. **frequency** [ADM92]. **FRoots** [TL06]. **FT** [RRRM09]. **FTPA** [YDW⁺09]. **Full** [CCP95, FRGL09, MT97, PS96a, RO99, LC94]. **Full-Information** [FRGL09]. **Fully** [LBS01, MBTPV06, PGFS94, RLD03, TW98, vdMDM07]. **Function** [WR04]. **Function-Driven** [WR04]. **Functional** [AGWFH97, CE95, PAM95, YA93, GP92, MR94]. **Functions** [HHM⁺00, LBS05, GG94a, MM96]. **Fundamental** [DZH05, Sah00b]. **Fusing** [FZVT98]. **Fusing-Restricted** [FZVT98]. **Fusion** [MA97, SvVB05, JWC94]. **G** [XPL04]. **Gabriel** [WY07]. **Game** [BHL⁺07, GBD07, KA09, KHS07, SZ08, YM09, YK09]. **Game-Theoretic** [KHS07, SZ08]. **Games** [CHL09]. **gamma**

[Chu96]. **Gang** [WF03, ZFMS03]. **Gang-Scheduling** [ZFMS03]. **Garbage** [CRN09, KMW95, MJ06, RKHM06, SNI02a, SNI02b, HM92, IT93]. **Gathering** [LRS02, MY07, YKP08, ZS09]. **Gaussian** [ABK98, PH96]. **Gemini** [CFB02]. **General** [Agr99, BF04, CM95, CCY96, DP01, FF98, HMR94, PK95a, RS97b, SM97, YJHG06]. **Generalization** [PZLS01]. **Generalized** [Chu95, DFKS01, EAK95, FE97, HPT04, HCYD01, JHK97, LKKS05, LL06a, LL06b, MC95, OC93, PM96, UEA95, WCY95, CA93, FC91, ME92, ME93, SKF94, SB94a, ZL96]. **Generated** [TEF07]. **Generating** [BI95, MQ97, MM96]. **Generation** [FI95, GAK03, LF03, TG99, ZSMF01, Fos91, MCH⁺90, SSG91]. **Generational** [MJ06]. **Generic** [PABD⁺99]. **Genetic** [CFW98, CFR99, WYJ⁺04, ZWM99, ZT01, ZW02, HAR94]. **Genetic-Algorithms** [ZW02]. **Genome** [WZZ09]. **Genomic** [JTP⁺08, MDL06, SA09]. **Geo** [WLHB08]. **Geo-Forwarding** [WLHB08]. **Geographic** [XLPH06]. **Geographical** [CW06, FG06b, SvVB05]. **Geometric** [ALW⁺03, CL09, KH97b, LW09c, Che95a]. **Geometry** [LOSW99, wJNPS97, ZA92]. **Given** [CM95]. **Givens** [MBM98]. **Global** [BNBH⁺95, BCL09, BDD⁺96, CLJ⁺04, DGFHR03, DvdMK09, HHM⁺00, Ksh03, LT97, MD97, MNS97, NX95, OXL06, PC05, TAKB06, TLM04, XL04, GG94a, KM91, jTM97]. **Global-Scale** [DvdMK09]. **Global-State-Triggered** [CLJ⁺04]. **Globally** [AJF96]. **Globus** [CSR⁺09]. **Gnutella** [ZH06]. **Gnutella-Like** [ZH06]. **Goal** [CV08]. **Goal-Oriented** [CV08]. **Going** [PW95]. **Gossip** [ST99a, ZBM09, HJB⁺09]. **Gossip-Based** [HJB⁺09]. **Gossiping** [Gon03, JSR98, LZ02, Rav07, LR93]. **GpH** [ATML08]. **GPUs** [LSVMW07]. **Graceful** [YJ97b, HW91]. **Gradient** [GVV09, GKS95, LCN⁺07]. **Gradient-Based** [GVV09]. **Gradually** [LWN98]. **Grain** [RH04, Sun02]. **Grained** [AFAGR97, KL01, Ksh03, PKJ97, RH00, ZF07, DAF95]. **grammars** [KG92]. **Granularity** [FI95, GY93, MKH91]. **Graph** [AAD97, ACT⁺97, BT98, CLB08, Che96, CL97, JJ07, MD97, MS03, OR97, PPP04, PWW00, RRG07, SBS98, TF01, THT⁺97, TCS97, WMN99, EG93, FA94, LB94, Lat94, MS92, MJ94, Rao96, RJ90, VS96, WC90, YW93]. **Graph-Based** [TF01]. **graph-level** [EG93]. **Graphics** [TSP⁺08]. **Graphs** [BDL95, BKS03, COP00, CS97a, CTS96, CH08, CKC08, DD01, DNSC09, GZ09, HY97, HCH99, yH02, Hsi03, HC97, ISAZM09, JK99, KA96, LKK02, LC99, LC01, SWC95, WY07, YV98, ZMM04, dBL98, Cor92, DT94, GY93, Lee91, LR93, LH94, PAM94, Sch91, SS94, VJ93, WY94, YC96]. **Gravitational** [HJB⁺09]. **Gray** [MQ97, ZL96]. **greater** [HM90]. **Greedy** [XLPH06]. **Grid** [DvdMK09, LSZ09, PF08, RD09, WH95, WBO⁺01, BcFGM08, BWC⁺03, SVM07, VVR07]. **Grid-Structured** [WH95]. **Grids** [AMY09, CCD⁺09, KA09, SZ08, XZNX08, CC93b, EF96, ATML08, BA07, BGJ06, DVV07, KHS07]. **Group** [AKNR⁺04, AMP07, DS03a, DS03b, FB01b, Jou03, KKM08, KM01, LNY03, LL07, MFLX01, SJd⁺09, XP07, YW04]. **Group-Based** [SJd⁺09]. **Grouping** [CH08, TKP00]. **Groups** [STW00]. **Growth** [GZ09]. **Growth-Restricted** [GZ09]. **GTS** [HPH08]. **Guarantee** [Ram99, XP05]. **Guaranteed** [DZHG04, KS01, LWXS06, SL01a]. **Guaranteeing** [MGA⁺09]. **Guarantees** [ASB02, FZGC06, HH08, KCK⁺06, LLA⁺06, NK08]. **GUARDS** [PABD⁺99]. **Guest** [CRS06, PP05, ACM08, GZ03, ON02, WA99, Zha03, ZH99a]. **Guided** [ZMRS08]. **H** [MKY⁺09]. **H-Tree** [MKY⁺09]. **Hamiltonian** [HCH99, LC01, Wan08].

Hamiltonicity [HL09b, Fu05]. **Handle** [XCZ04]. **Handling** [BCQD07, MRLD01, SP03, TCLY07, XRR00, YD94b]. **Hard** [BMR99, GMM97, HS99b, WMWL08]. **Hard-Real-Time** [BMR99]. **Hardware** [CY00b, CMDP09, DDS95, DS96, LLS06, LNO⁺00, RSV90, XL08, ZY07]. **Hardware-Algorithms** [LNO⁺00]. **Hardware-Based** [CMDP09, DS96]. **Hardwired** [SH95a]. **Harmonic** [ZX04, ZCSY08]. **HARP** [DFD93]. **Hartley** [AD95, ZA92]. **HARTS** [SH96, ZS95a]. **Hash** [HCY97, RHM09, TP95, OL92, WYTD93]. **Hashing** [DPH08, MD97]. **Hazard** [Mic04]. **HBA** [ZJWX08]. **Hector** [RRFH98]. **Height** [YCTW07]. **Hellinger** [SWWJ08]. **Helper** [LJLS09]. **Herd** [CB03]. **Hereditary** [yH02, Hsi03]. **HERO** [ZLZN09]. **Heterogeneity** [AD08, LP07, SGL06, WX07]. **Heterogeneity-Aware** [SGL06]. **Heterogeneous** [AAD08, AJMJS03, Ano04c, AA09, BA04, BDvD98, BBC⁺04, BBRR01, BLR03, BLMR05, BGJ06, BP06, CYW08, CF00, CRS06, DR98, DÖ02, GVV09, GLQL09, HC97, KA06, KLH07, KSME08, LZ08, LXL08, SZXS05, TSAL97, TS98, THW02, VM04, XQ08, ZCLC06, ZSLW92, CR94, SL93a]. **Heuristic** [AMS97, CHC09, PK95a, PK95b, YF97, MS93, SL93a]. **Heuristics** [EDO06, HÖ00, JSWB97, KA06, TTB⁺00, GDI93]. **Hexagonal** [DS05, NSZ02, YL96]. **Hidden** [JTP⁺08]. **Hide** [LLY05]. **Hiding** [MLW06, SL09]. **Hierarchical** [CS08, DC95, GD95, HS97, HLL09, JLDC05, KW08, MB94, PAM94, Raj05, RJ05, SFP03, WTCY95, WCR09, YP98, CAB93, CPA93, KP92, ME92, ME93, MS94b, ZY95, Zia93]. **Hierarchically** [HZ96, SS07, ZH98]. **Hierarchy** [PHP03, LK94]. **High** [AGGD04, ATML08, AS96, AAB06, Ano05c, Ano09c, BGMZ97, CE95, CBD⁺01, CS05, EBS02, FZGC06, FG06a, FLP⁺07, GRS99, GMCB01, HDF07, HNY02, LLGS09, LBS05, MLW06, MJ98, MNM04, MDL06, ON06, OC05, PGBI03, RK08, RJ96, SS08, SkLC⁺03, SD00a, SSP02, TCLY07, TGV08, TF96a, WOT⁺07, WCCR⁺97, ZMP07, Ant94, AB91b, WS93]. **High-Bandwidth** [BGMZ97]. **High-Latency** [GRS99]. **High-Level** [ATML08, MLW06, RJ96]. **High-Performance** [AGGD04, AAB06, Ano09c, EBS02, FG06a, FLP⁺07, GMCB01, HDF07, LLGS09, MDL06, ON06, OC05, PGBI03, RK08, SkLC⁺03, SD00a, SSP02, TGV08, ZMP07, WS93]. **High-Speed** [CBD⁺01, FZGC06, MNM04, Ant94]. **High-Throughput** [WCCR⁺97]. **Highly** [AGGD05, CB00, DAA00, DB08, GKK97, HK94, WL00, WLR93]. **HiPER** [MBW02]. **HIPIQS** [SSP02]. **HLA** [SF08]. **HLA-Based** [SF08]. **Hoc** [ALW⁺03, Ano04d, BK09, BMPP06, BS08, CLW03, CKWC08, DW04a, DW04b, DW06, DPH08, DAMK06, DB08, GJDA06, GYS05, GY07, GS03, ISRS06, JJ07, LCWW03, LWS04, LH06a, LWC⁺09, LJW⁺07, NO00b, OSRS06a, OSRS06b, PDH06, SLFW06, TR06, WY07, WO04, Wu02, WCDY06, WD06, WYD07, XP05, YWD08, Yi09, ZL07b]. **HOL** [MGA⁺09]. **hold** [HC92]. **Holes** [WCD08]. **Home** [TAKB06]. **Homogeneous** [Aro00, DNSC09, LS97, LJW05, TGV08, XQ08]. **Honeycomb** [PK01, Sto97]. **Hop** [CLW03, DZ04, LJW⁺07, Liu08, MBW02, NO00a, RHM09, WWWA09, XP05]. **Hop-by-Hop** [MBW02]. **Host** [CN02, CN04, Rob04, SF07]. **Host-Client** [CN02, CN04, Rob04]. **Hot** [BRS97, LC95, NS95a, OKSA01, WSNA95, ZYC95]. **Hot-Potato** [NS95a]. **Hotspot** [YM09]. **HPF** [JB01, UZCZ97, vDSP96]. **HRing** [ZCSY08]. **Hull** [BGO⁺96, HNO98a]. **Hybrid** [ADG06, Che01, CJLN09, CKC08, FV09, LP07, LOSW99, MMSM06, SE98,

SvAS04, SL01a, SZ04, SJPS01, SS00, WO04, WYWZ08, LHS92]. **Hydrodynamic** [HC99b]. **Hydrothermal** [dSF03]. **Hyper** [GP93, LSBS98, THT⁺97]. **Hyper-Bus** [THT⁺97]. **Hyper-deBruijn** [GP93]. **Hyper-Systolic** [LSBS98]. **Hyperchannel** [CWYZ09]. **Hypercube** [AD95, ICL95, Che07, CC98, FYS05, FMG02, GVG05, HS97, KP96, KC98, Lan95, LHP05, LWN98, MR06, PKL06, RTS95, SP95, SV97, WL97, Xia01, dCVGG02, AOB93, BJS90, CS90, DK92, GDJ94, HB92, IS90, JR93, KDL91, KLDR94, KP92, MB94, Nas93, OL92, PGDS94, RS91b, RB90, RJ90, SRT94, SF92b, YW93, YZW94, YN90, ZA93, Zia94]. **Hypercube-Connected** [AD95]. **Hypercube-Derived** [WL97]. **Hypercube-Like** [PKL06]. **Hypercubes** [Ano99h, Avr99, CCP95, CT97, DPS96a, DPS96b, DCF95, GP99b, HÖ00, HK95, HWKH01, JHK97, KLS00, OKSA01, SR98, SLH97, TW98, TK96b, TC98, YR96, dBL98, AM91, CL93, CC93b, DT94, EAL91, Fid92, KK93a, KS94, KP92, KSA94, LS94b, ÖD96, PGFS94, RS90, ST93, TR93, UEA95, VB93]. **Hypercycle** [DD95]. **Hypercycle-based** [DD95]. **Hyperedges** [LH05]. **Hypergraph** [BA07, ÇA99, GW06]. **Hypergraph-Partitioning-Based** [BA07, ÇA99]. **Hypernet** [HC99a]. **Hyperthreaded** [SL06]. **Hypertool** [WG90].

I/O [Bor00, HJH02, JSWB97, KKCB02a, KKCB02b, Kan01, KB03, kLCC⁺06, OPZ99, RB90, TR04, VV99, YZC08]. **I/O-Centric** [HJH02]. **IBA** [KYD⁺07]. **IBM** [BGBP01, HXA96, MS94a, MF01b]. **IC** [CMR07]. **IC-Scheduling** [CMR07]. **ID** [BRTM09]. **Identical** [JR03]. **Identification** [Che96, CT97, FHB97, MLSS07]. **Identifier** [LQZ09]. **Identifier-to-Locator** [LQZ09]. **Identifying** [HP03]. **Identity** [BRTM09, PZZ09, YK99]. **Identity-Based** [BRTM09]. **Idle** [RH00]. **IEEE** [BCG04, HPH08, JASA08, MGZN07, MSM06, NK08, XL04, XLW⁺06, ZL07b]. **II** [KCN90b, LL06b, LPD05, OSRS06b, PK95b, RK94b, YK96b]. **Image** [BA07, EAF00, JS93, LHS03, SKB04, WS00, WCH⁺08, Aln94a, CL94, GO93]. **Image-Space-Parallel** [BA07]. **Images** [EAF00]. **Immucube** [PG07]. **Immune** [SSZ06, ZS95a]. **Impact** [BIWK00, CH04b, CTF09, CY00a, DMKJ96, Lil94, SG94, SCL05, SSP00, VSD01, XLPH06, ZSMF01, DI95]. **Implementation** [ATG92, ACT⁺97, BRSS08, BGBP01, BDD⁺96, Din06, EBS04, FVR03, JTP⁺08, JLF03, LAS04, MNM04, MR94, ON06, Pak07, QS03, SKJ07, SBF00, SOM05, TSP⁺08, WR04, WMXZ06, XUAS99, XL08, YK92, vDSP96, Ahu93, AIK91, HK91, LKG92, LH93, LA93, SMBT90, SMJ92]. **Implementations** [kLCC⁺06, PKJ97, PG01, GO93]. **Implementing** [AGWFH97, BA90, FG01, SSP00]. **Implications** [CGM⁺07, HWWX99]. **important** [KLDR94]. **Imposed** [PDH06]. **Improve** [Kin06, SRD04, TT94]. **Improved** [BKS03, CWCC07, KYD⁺07, Kla98, Li03, LLS06, LH06b, PZLS01, PPP04, SRT94, KKP91]. **Improvement** [KA06, LYW08]. **Improving** [BA04, CK08, GYS05, KK04, KCRB03, KA05, LY93a, LLX06, MOFD05, PH05, SF07, TJ07, TSG09, GS91]. **In-Kernel** [LBS05]. **In-Network** [DLS09]. **In-Order** [WSB09]. **In-Situ** [MCL⁺07]. **Incentive** [TJ08, XZNX08]. **Incentive-Based** [XZNX08]. **including** [MM96]. **Incomplete** [CTS96, CT97, LB94, TK96b, SCD97]. **Incorrectly** [SCL05]. **Increased** [PPD03]. **increasing** [MKH91]. **Incremental** [OR97, SW96, WYJ⁺04, YN00]. **incrementally** [LB94]. **Independence**

[Gen00]. **Independent** [AAD08, BFL⁺01, HP07, LH03, PG01, YCTW07, BA90, RK94a, RK94b]. **Index** [Ano97a, Ano98a, Ano99b, Ano01e, Ano02a, Ano03b, Ano04a, Ano07a, Ano08a, Ano08d, Ano09d, BQF99, Din01, EHJ94, Ano05b]. **Index-Based** [BQF99]. **Indexed** [BAH01]. **Indexing** [ZH07a]. **Induced** [BBH05, HMR99, TKW98, Tsa03]. **Inexpensive** [HNY02]. **Inference** [BBH05, HM98, JTC08]. **InfiniBand** [ASD04, BSC06, BCQD07, LK07, NYD09, LBS05]. **InfoBeacons** [SC07]. **Information** [AAS03, Dah00, FRGL09, LW09a, LJW⁺07, LC04, MZA02, Mit00, SC07, Xia01, ZB09, BFP96, Sin92, SL93c]. **Information-Flow** [AAS03]. **information-structure** [Sin92]. **Informed** [TM06]. **Infrastructure** [AJMJS03, KIBW99]. **Infrastructures** [GZ03, SCW07]. **Inherent** [AH06]. **Inherently** [PK95a, PK95b, PN93]. **Initialization** [CLW03, NO00a, NO00b, Rav07, OW91]. **Injective** [LF03]. **Injector** [CLJ⁺04]. **Injured** [TW98]. **Input** [CCQ⁺05, GCCC⁺04, HS08, MR02, SV97, SSP02]. **Input-Buffered** [CCQ⁺05]. **Input-Queued** [HS08]. **Input/Output** [GCCC⁺04, MR02]. **Insertion** [PK99a]. **Inside-Out** [SyFL99]. **Installment** [CWCC07]. **Instruction** [AGWFH97, AF05, CF01, CC95, EP05, PSGD05, WB98, WSB09, XUAS99]. **Instruction-Level** [EP05]. **instructions** [BG90]. **Integer** [KBC⁺01, PW95, SK95, TG99]. **Integrated** [ASS95, BcFGM08, CH07, CG02a, CG02b, RNKZ03, SKCL09, Sol02, SPF99, VKS⁺09, ZFMS03, GH93]. **Integrating** [GAL01, TCC05]. **Integration** [AGGD04, HYP02, LBS05, Mha09]. **Intel** [FBD96]. **Intelligent** [SX03, WCBX06]. **Intensive** [EK95, KKC⁺05, ON06, OXL06, XCZ04]. **Interaction** [HC97, JS98, LJCL08]. **Interactions** [WL08a]. **Interactive** [KMT91, RNR⁺03, dB98]. **Interagent** [MX03]. **Interconnect** [BB05]. **Interconnected** [QM97]. **Interconnection** [CFB02, CL97, DC98, DAA97b, DD98, FR96, cFC98, GS95, HSWB07, HP03, Kop96, Lai00, LKK02, LR97, LSC95, LWN98, LK04, PR05a, PKL06, RO99, SS96, SPS98, SP07, SDFV96, SCL00, VDS99, WL97, WP00, WL00, XP07, YN00, YFJ⁺01, AV94, Aga91, BDS94, CAB93, CI92, CO94, Chu96, HC92, Hsu93, KP92, LS94a, LC94, MB94, MR92, MJ94, MD96, Sch91, SL93a, VS96, YM95, Zia94]. **interconnection-constrained** [SL93a]. **Interconnections** [FG06a]. **Interconnects** [ADG⁺08, HP06, PSGD05, YW03b, YW05a, ZY04, ZY06]. **Interest** [CLY08b]. **Interface** [DHN95, DFKS01, WOT⁺07]. **Interfaces** [ZLKK07]. **Interference** [BPT03, WWLS08, YY95]. **Interference-Aware** [WWLS08]. **Interleaved** [HDF07, LS94b, SL94]. **Interleaving** [CY92, KHY09]. **Interlocking** [OZ96]. **Intermediaries** [KYB08]. **Internet** [GSS06, HY07, LKKS05, LA06, LQZ09, Sun02, SX03, TC07, YWF⁺09, ZYKG07]. **Internet-Based** [Sun02]. **Internet-Scale** [ZYKG07]. **Interoverlay** [LJLN07]. **Interpreters** [AGWFH97]. **Interpreting** [Dah00]. **Interprocedural** [Agr98, Agr99, CHJL04, CY00a, HK91]. **Interprocess** [KB03, RSV90, TB94]. **Interprocessor** [KL99, PH04, SO95, GR90]. **intertask** [SS94]. **Interval** [FCF00]. **Intervals** [RRRM09, OSZ92]. **Introduction** [ACM08, ABC01b, Bhu09a, ON02, WA99, Yew06, ZH99a]. **Intrusion** [RNKZ03, MRW92]. **Invalidation** [TCO01]. **Inverted** [JO95]. **investigating** [LH94]. **Invisible** [YWF⁺09]. **invocation** [BA90]. **IP** [ADG06, GS08, GWYS08, LBC03, SX03, WS03, WMXZ06, XZG09]. **iPAK** [MCL⁺07]. **IPC** [SS08]. **IPS** [MCH⁺90]. **IPS-2** [MCH⁺90]. **Irregular** [HT06, JKA07, KP01,

LCB00, LSRT06, PSC⁺95, PH02, QNR99, SD00a, SD00b, SKPS01, TW00, UZCZ97]. **Irregularities** [HP03]. **Isolated** [ZS95a]. **Isomorphism** [Che96, HWSH00, WMN99]. **Isotach** [RWW97]. **ISPs** [LJCL08]. **Issue** [AGWFH97, Ano97d, Ano97b, Ano97c, Ano98c, Ano98b, Ano01b, Ano01c, Ano01d, Ano02b, Ano03c, Ano04c, Ano04d, Ano05c, Ano08c, Ano09c, Ano09b, DF99, Ano99g, Ano07c]. **Issues** [AS96, TL05, VMXQ04, ZWM99, LY93b]. **Items** [OPZ99]. **Iteration** [GAK03]. **Iterations** [KGKL08]. **Iterative** [BCVCV05, BCVC05, BG90, KA06, Lee95, LRRV04, YF97, dLCK⁺05, AH91, AC92, EG93, Pan93]. **Iterative-Improvement-Based** [KA06].

Jacobi [KGKL08]. **January** [Ano99g]. **Java** [CKK⁺04, CS03, MJ06, SM02, YLL⁺07]. **Java-Enabled** [CKK⁺04]. **JEWEL** [LKG92]. **Job** [AAB⁺00, AM06, CV08, CB03, DvdMK09, FFPF05, GBD07, KLDR94, LC91b, SP98, ZA93]. **Jobs** [BGJ06, HJS⁺06, KC98, XCZ02, XCZ04, XQ08, KGM96, KS93]. **Join** [Che01, CST02, CY96c, HY01, LR96, LMT98, TP95, CY92, KS93, NM92, OL92, TRS90, WYTD93, WDY93]. **Joins** [HCY97, SY93]. **Joint** [BB05, KA09, LWXS06, SKJ07, WWLS08]. **JSQ** [LR96]. **Just** [YLL⁺07]. **Just-in-Time** [YLL⁺07].

k-ary [SG94]. **k-Dimensional** [CWCC07]. **k-splitting** [XB93]. **Kernel** [LBS05, MS94a, ABDZ94]. **Kernels** [NN96]. **Kestrel** [DDD⁺05]. **Key** [AKNR⁺04, EP05, MCL⁺07, STW00, XH08, YGE06, YG08]. **Knapsack** [AR97]. **Knots** [BT98, MS03]. **Knowledge** [LHL⁺08, TLM04, YG08, MLL92]. **Known** [XCZ02].

Labeled [WCL97, WY94]. **Labeling** [BBH05, Aln94a, D'H92]. **laboratory** [BEK⁺93]. **ladders** [PN93]. **Lambda** [BcFGM08]. **Lamport** [BCBzC92, JK99]. **LAN** [LJZA04, LWY96]. **Language** [ATML08, ABJ⁺93, Pak07, GR94, JWC94, NSD93]. **language/compiler** [NSD93]. **Languages** [Ano97d, Ano97b, Ano97c, BT00, CE95, PG01, WMB96, MR94]. **LANs** [BCG04, NK08, XLW⁺06]. **LAPI** [BGBP01]. **Large** [Agr99, AM99, BG09, CY00b, CASM07, DS03a, EDO06, FT97, GMCB01, GP99b, HL09a, HS98b, HZ97, KMG03, KCW09, LCGC07, LC95, LK04, MY07, MA01, MMJ03, MDL06, OXL06, PM02, RD98, SkLC⁺03, ST99a, SGL06, VVR07, XHYL05, XCZ04, ZJWX08, dB98, CO95, CTC93, EA93, OS94a, SG93, YTB92]. **Large-Scale** [BG09, CY00b, EDO06, GMCB01, HL09a, KMG03, KCW09, LCGC07, LC95, LK04, MY07, MA01, MMJ03, SkLC⁺03, VVR07, XHYL05, SG93]. **LARPBS** [CPhX04]. **Latency** [Agr99, GRS99, KK03a, MROD07, PBA03, QM97, LNP94]. **Latency-Aware** [MROD07]. **Latency-Tolerance** [PBA03]. **Latin** [KP93b]. **LaTTe** [YLL⁺07]. **Lattice** [TG99]. **Lattices** [FHBj97]. **Lawler** [GRT97]. **Layer** [XZL05, ZCXF09]. **Layered** [LSRT06, ZL07a]. **Layout** [BG02, KK04, PHP03, CAB93]. **Layouts** [CLPT02, CL00, KCS⁺99, LC96a]. **Lazy** [MKH91, SNI02a, SNI02b]. **Leader** [DB08, DIM97, NO02, Sin96, YK99, AAG94]. **Leadership** [MRT06]. **Leading** [OB00]. **Leakage** [ZB09]. **Leapfrog** [WHC03]. **Learning** [MR02]. **Length** [BBD00, VB93]. **Lengths** [FJL07]. **Level** [AGGD05, ATML08, ANKA99, CB05, DCF95, EP05, GY95b, HC99a, MLW06, RJ96, SKB04, SLT03, SZ04, WZP⁺03, XRY09, ZCL04, BGM94, EG93, Lar93, ME92, ME93]. **Levels** [Wu00]. **Leveraging** [BRTM09]. **LFSR** [CCSC09]. **Library**

[BBC⁺95, LB00a]. **LID** [NYD09]. **Life** [SZ03a]. **Lifetime** [LWJ06, TX08, ZS09]. **Lifetime-Constrained** [TX08]. **Lifting** [TSP⁺08]. **LightFlood** [JGZW08]. **Lightweight** [CY06, EBS04, ZBM09]. **Like** [BK09, LYW08, PKL06, XZNX08, ZH06, Pan93]. **Limited** [AS00, AM06, CBM⁺07, FHA06, GY09, LSW04, PH04, ZY04, ZY06, FHRT93]. **Limits** [Aga91]. **Linda** [BS95, GT02]. **Line** [ANKA99, Bir93]. **Linear** [AAD08, CHC04, DSO02, Gre98, HWKH01, HCD97, KCS⁺99, KBC⁺01, KBD08, LPZ98, LLL09, MBM98, PK99a, VM04, WNKS96, WHW05, ZL08, ZLP09, AC93, EHJ94, IA95, KST94, Lin93, NJ94, O'H91, Pan93, ZL96]. **Linear-Complement** [HWKH01]. **Linearization** [MF96]. **linearly** [GDJ94]. **Lines** [NE01]. **Link** [CWL09, hKY08, Sin96, THH08, TCS97, WWLS08, YW03b]. **Link-Disjoint** [YW03b]. **Link-State** [THH08]. **Linked** [LWN98]. **Links** [Add97, BV05, LWC⁺09, SCY98, SX08, Wu02]. **List** [Ano99a, Ano00a, Ano01a, Ano03a, Ano04e, Ano05a, Ano06, Ano07b, Ano08b, Ano09a, FT97, HS98b, PKJ97, WL08a, RJ90]. **List-Based** [FT97, HS98b, WL08a]. **lists** [SH95b]. **Little** [CC99]. **Live** [BSS09, DF09, GLQL09, LJLN07]. **Lived** [STY09]. **livelock** [GPBS94, PGDS94]. **livelock-free** [GPBS94, PGDS94]. **LMSR** [SKK01]. **Load** [BCVC05, BCCP04, Bar98, BBR07, CWCC07, CT08, CHHC06, CK02, Dah00, DPS96a, DPS96b, DHB01, DP02, DHP⁺07, DB06, DvdMK09, DW03, GZ06, GZ09, GO93, GKK05, GB06, HC99b, JJ09, LRRV04, LL06a, LL06b, Li03, LC99, LJW05, Mit01, PH05, SS08, SVM07, SX07, SH96, SRL98, SZ08, TP95, Tse09, WT98, Wu97b, ZRS⁺05, ZMRS08, ZH05, ZT01, AT07, Bok93, GT93, GDI93, KK92, LY94, LK94, SH93, SH94, WLR93]. **Load-Balanced** [CHHC06, GZ06]. **Load-Balancing** [GZ09, LRRV04, LC99, SX07, ZT01]. **load-dependent** [AT07]. **load-sharing** [GDI93]. **Loads** [BCL⁺05, CG08, VM04, YvdRC05]. **Local** [BT98, CBD⁺01, DAMK06, HT07, KM01, KAY⁺06, LWS04, MD97, PC05, WSG01, Xia01, PAM94]. **Local-Spin** [KM01]. **Locality** [CW06, HT06, KK04, KCRK00, KBC⁺01, KCRB03, MA97, PLT00, SX07, TSG09, VKS⁺09, YZZ00, ZH99b]. **Locality-Aware** [SX07]. **Locality-Conscious** [VKS⁺09]. **Localization** [HCHM09, KS08b, KSP09, SRZF04, TN08, WWWA09, XCZ08, YWF⁺09]. **Localized** [Ano04d, BMPP06, DW04a, GY07, LCWW03, LSW04, LH06a, MGZN07, OSRS06a, OSRS06b, SLFW06, SL01b, ZPY06]. **Localizing** [CS96]. **Locating** [DS02]. **Location** [CSR⁺09, FCF00, LXL⁺05, PM02, SL09, SZ03b, WLHB08, XPL04, XTL08, YGE06, BA90]. **Location-Aware** [YGE06]. **Locator** [LQZ09]. **Lock** [GPST09, HM92, JH97, Mic04, And90]. **Lock-Free** [GPST09, Mic04, HM92]. **Locking** [Sun02]. **logarithm** [MM96]. **Logarithmic** [EF95, WYD07]. **Logging** [ADG06, GS08]. **LogGP** [Ian97]. **Logic** [LLJ⁺93, LNOZ03, PG01, RSP02, RJ99, CIW91, CR90, RK94a, RK94b]. **Logical** [FMG02]. **LogP** [DCSM96]. **LoGPC** [MF01a]. **LOMARC** [SL06]. **Long** [Kuc01, SX08]. **Longest** [WY07, LL94]. **Lookahead** [SL06, LL90]. **Lookup** [CHHC06]. **Lookups** [FRGL09, Tze06]. **Loop** [COS00, DY05, FLVG95, GMG96, Lar93, OD93, RJ96, SL01a, WL91, DR94, Gup92, LK90, Lil94, ML94, SKF94, SC91, SC93, TN93a, WW92]. **Loop-Free** [SL01a, SC93]. **Loop-level** [Lar93]. **Loops** [AKN95, CY96a, CY99, HCF03, Lee95, MA97, RSP02, RR02, RP99, TKP00, XC01, AH91, D'H92, GMG96, KM91, KS91, ST91, Uht92, WW92, YJZ97]. **Loosely**

[LJLS09, XL96, TKT92]. **Loss** [KS01, WLL⁺07]. **Losses** [MSM09]. **Lossless** [MNM04]. **Low** [FPGAD08, GvG06, GMCB01, KA99, LNP94, NE01, OC05, PS96c, RvG02, SKJ07, SKB04, TF96a, THW02, WWL06, WCCR⁺97, XXZ03, YV98, dBL98, AB91b, BL91, Kum92, MS93, NZ95]. **Low-Bandwidth** [NE01]. **Low-Complexity** [KA99, THW02]. **Low-Cost** [GvG06, GMCB01, OC05, PS96c, RvG02, WWL06, XXZ03, BL91]. **Low-Degree** [YV98]. **Low-latency** [LNP94]. **Low-Level** [SKB04]. **Low-Memory** [WCCR⁺97]. **Lower** [GW96a, JR94, SF92a, SRT94]. **Lower-Dimensional** [GW96a]. [*lozenge*]/**P** [FMR07]. [*lozenge*]/**S** [FMR07]. **LRED** [WLL⁺07]. **LRPD** [RP99]. **LRU** [LWY96]. **LRU-Based** [LWY96]. **LU** [FJY98, KGKL08].

m [ME92, HZ97, SZ95a]. **m-level** [ME92]. **Machine** [Bor00, Cha96, RK94a, RK94b, SKB04, YL96, AT07, FC91, MR92, SR94, AS92, SM02]. **Machine-Based** [SKB04]. **Machines** [DA98, PKJ97, RvG02, SZ95b, TN08, YF97, YD95, GD94, LC91a, NSD⁺91, RS91a, TB93]. **Macro** [YV98, AM93, PAM94]. **macro-dataflow** [AM93]. **Macro-Star** [YV98]. **Macroscopic** [LJW05]. **MAD** [NN96]. **MAGIC** [GD94]. **Main** [TP95]. **Maintenance** [LXL08, LBS01, TSK06]. **Making** [NE93]. **Malicious** [MSM09]. **Manage** [KKGS01]. **Management** [BIWK00, ICL95, CY06, HDRS00, KHY09, KSME08, KMW08, LLS06, LP07, Ram99, SF08, SBK02a, SBK02b, Sjd⁺09, SY07, SYC03, SRD08, SZ03b, SSsLY03, TC04a, TC06, VV99, XPL04, XZL05, YGE06, YG08, ZCL04, ZJWX08, JS90, LEH92, NSD93, RST95, TT94]. **Managing** [MZT08, RD98, US04, SB94b, WYTD93, WDY93].

Manchester [BG90]. **Manets** [AMH08, LW09c, STY09, WLHB08, WCR09]. **Many** [Ano09b, BRS97, CC97, PKL06, KST94, RWF94]. **Many-to-Many** [BRS97, PKL06]. **Map** [KS08b]. **Mapping** [AB07, AB03, BB05, CM95, CSR07, DPS96a, DPS96b, EAK97, HWKH01, HCYD01, HW08, LK90, LRRV04, LQZ09, RRG07, YLL⁺07, CC93b, CA93, IS90, KN95, MS94a, SF92a, ST91, SA94, Zia93]. **Mapping/Interconnect** [BB05]. **Mappings** [LF03, DS94]. **Mar** [ME93]. **Margin** [HY07]. **marked** [WY94]. **Marker** [HM98]. **Market** [FLZ09, XZNX08, MLL92]. **Market-Like** [XZNX08]. **market-propagation** [MLL92]. **Marking** [ADG06, GS08, PC07, XZG09]. **Markov** [HN93, JTP⁺08, LL96, MMSM06]. **Martini** [WOT⁺07]. **Maskable** [WL97]. **MasPar** [ACT⁺97]. **Massively** [CFW98, JTP⁺08, LWN98, NGL94, YFJ⁺01, GMG96, HISS94, LC91a, MB94, RJ94]. **Master** [BBC⁺04, BLR03, KA06]. **Master-Slave** [BBC⁺04, BLR03, KA06]. **Match** [DP02]. **Matching** [ACT⁺97, BM00b, DÖ02, HL09b, Sto96, PDC94]. **Matchmaking** [SL06]. **Mathematical** [TTB⁺00]. **Matrices** [BOPZ04, Che96, FLVG95, HCYL06]. **Matrix** [AAD97, BBRR01, BW96, ÇA99, Cha96, CLPT02, GKK97, LKHL03, LPZ98, Li07, PM96, Sah00a, SR98, THH96, TC95a, TC95b, ZP07, DFD93, ME95]. **Max** [HS08, HPT04]. **Max-Min** [HS08, HPT04]. **Maximal** [LH03, LWJ06]. **Maximally** [CXP09]. **Maximization** [LJCL08]. **Maximize** [HP07, ZS09, WL91]. **Maximizing** [JGZW08, SM97]. **Maximum** [BC95, CT97, KGKL08, LDG04, TYK99]. **Measure** [HT07]. **Measured** [WB98]. **Measurement** [DI95, KK03b, WLL⁺07, HB92, LKG92, MRW92, MCH⁺90, TV92]. **Measurement-Based** [KK03b, DI95]. **measurements** [LEH92]. **measures**

[OC93]. **Measuring** [AMSK04].
Mechanism [BÖ98, GG09, MY07, RLD03, WS03, WXLZ06, CR94, Geh93, GD94].
Mechanisms [BLD05, CG08, Lop02, ZSMF01]. **Media** [BV05, CZLM09, ILL07, KSWR03, LL02, SBK02a, SBK02b, TJ07, WL08a, XHYL05, YK09, ZL07a]. **Median** [WH01, WH03b, XB93]. **MediaPort** [AOK09]. **Mediator** [SGB08].
Mediator-Free [SGB08]. **MediaWorm** [YKDV02]. **Medium** [JGA08, LJZA04].
Meet [HYP02]. **Membership** [DS03b, FB01b, MMSA94, YK96b].
Memories [CSR07, BC92, GS91]. **Memory** [AD98, AGGD04, AAS03, AKN95, Agr98, ADD⁺02, BCdSFL09, BIWK00, BGMZ97, Bor00, CLS05, Cha96, CH04b, CH07, CH95, CKC08, CSR07, DDS95, DS96, DA98, DKKS04, Deb96, DMKJ96, FT97, FJY98, GAL01, GPST09, GP99a, GMR98, Hol98, HS98b, JR96, JVYA05, KH04, KL01, KHY09, KA05, Lee97, LT97, Li07, LC99, LCL03, Lop02, LBC03, MS94b, MA01, McK98, Mic04, MP97, NN96, OXL06, PAM95, PH96, Par01, PHP03, PH04, PD00, PPBSA97, Qad03, QD05, RvG02, RSB97, SCL05, SW96, SLT03, SLEV03, SNI02a, SNI02b, SZ95b, TD01, TF96a, TP95, WH95, WCCR⁺97, XCZ02, XCZ04, YY95, YF97, YL97, ZYC95, AH93, AM93, ABJ⁺93, BIA⁺97, CF94, DC95, DF97, Don91, Geh93, GH93, Gup92, Har91, HE92, IT93, IC92, Kop94, KCPT96, LEH92, LY93a, Lil94, LH94]. **memory** [ML94, MR92, NSD⁺91, PLW96, PAM94, RS91a, RP94, SST94, SL93c, SA93, TMTH96, VGGD94, WFP90, YJZ97, ZLE91, ZSLW92].
Memory-Mapping [CSR07]. **Merge** [HY05, HNO98c, LB95, WDY93]. **merging** [Wen96, XB93]. **Mesh** [BM00b, CT02, Chu95, EF96, EW97, FHA06, FZVT98, GG95, wJPP97, KY98, KyK09, LSF⁺09, LOSW99, LWLN97, MDSS09, MBM98, NO97, PZLS01, PC96, RS98, SV97, SP98, SS01, TW00, TKP00, WS98, WS00, Wu00, WHC03, YK98, YYS97, dCVGG02, AV94, Cap92, CCCS90, CT94, CS92, GG94b, wJNPS97, LC91b, LMN94, OS94b, SC94, SP93, jTM97].
Mesh-Connected [Chu95, GG95, LWLN97, MBM98, PZLS01, TKP00, Wu00, EF96, CCCS90, GG94b, SP93]. **Mesh/Relay** [FHA06]. **Meshes** [Aro00, BBG⁺95, BGO⁺96, BGO⁺98, BGOS97, BGOS98, BNO⁺01, yCM98, CWCC07, CC01, CH01, CST02, CC99, CCJ02, DHB01, GN96, HNO98a, JSR98, KY98, LS96, LZ02, LC95, LC96b, Li03, LRTZ96, NO98, RS97b, SKK01, ST99a, SY98, SY00, SJPS01, TW98, YW02, BLO⁺94, BGO⁺97, EF96, LS94b, MS93, NS95b, PGFS94, UEA95].
Meshes/Tori [LZ02]. **mess** [RFDS97].
Message [AS99, Bhu06b, BHK⁺97, CBDW96, DDY99, DFKS01, DHN96, EBS04, FYP07, Gon08, HK98, Hol98, LMN95, MF01a, MRT09, PSK99, RRG07, SRT96, SWC95, SP03, WCLF95, WP00, YC95, vDSP96, ATG92, AMAM94, BR91, BR94, IC92, WG90, YK92].
message-based [YK92].
Message-Dependent [SP03].
Message-Passing [BHK⁺97, CBDW96, DHN96, HK98, MF01a, MRT09, WCLF95, vDSP96, ATG92, AMAM94, WG90].
Messages [BNH99, BBD00, CJPW06, JGZW08, Kuc01, NSU97, VJA97, WL97, XJZZ00, KGMB94, KH93]. **Metadata** [ZJWX08]. **Metaheuristic** [LZ08].
Metaheuristic-Based [LZ08]. **Method** [yCM98, GS03, HY05, LZ08, LC01, MROD07, PK95a, PK95b, RS97b, SM97, SZ04, TKP00, WZZ09, WHC03, XP07, MM96, SC91, SMJ92, WCS92]. **Methodical** [KK92]. **Methodology** [CM95, GBC⁺07, HP06, LLY05, LP96, LLA⁺06, LPD05, RRRM09, SRD04, XL08].
Methods [CWCC07, CS95, GKS95, HKM⁺94,

JTP⁺08, Li03, LC99, MT97, PD99, PSC⁺95, THH96, YLW07, CF94, DR94]. **Metric** [BBH05]. **Metric-Induced** [BBH05]. **Metrics** [FDC00, LRS02]. **Microarchitectures** [PSGD05]. **Microprocessors** [KET06, MC95, WB98]. **Middleware** [AJMJS03, Ano02b, CS03, FVR03, GZ03, KSC03, RNR⁺03, TS08, WCH⁺08, YK03, ZJ03]. **Midimew** [LC96a]. **Migrant** [DR98]. **Migration** [GS03, HY96, ZFMS03, GT93, SW92]. **MIMD** [BCJ90, CG02a, CG02b, HQL⁺91, KE90, OD93]. **Min** [CZLM09, HS08, HPT04, DMTB93, QM94, YD95, ZYC95]. **MIN-based** [DMTB93, ZYC95]. **Min-Cost** [CZLM09]. **Minigrids** [LJW05]. **Minima** [NO98]. **Minimal** [DAA00, TC04a, TC04b, Wu00, YD95, Cap92, GPBS94, PGFS94, SC92, SC94]. **Minimization** [OS02, SWH98, ZKB08]. **Minimized** [HS98a, KP99]. **Minimizing** [AMS97, DÖ02, JGZW08, LB00b, TSAL97, TYK99, WCS92, YW93]. **Minimum** [BBD00, BSCB09, CH09, GW06, GY07, KPK09, KWL⁺09, LS96, LW09a, LDG04, LL98, SY98, Yi09]. **Minimum-Cost** [LW09a]. **Mining** [BS08, CL09, DB06, JZ04]. **Minislotted** [CLW03]. **MINs** [VM99]. **Mirroring** [HJH02]. **Mismatch** [HLH09, Liu08]. **Mitigating** [SL09]. **Mitosis** [MGQS⁺08]. **Mix** [FYJ⁺09]. **Mixed** [DP01, SCY98, VKS⁺09, KA94]. **mixed-mode** [KA94]. **Mixed-Parallel** [VKS⁺09]. **Mobile** [ABS01, Ano01b, Ano01c, Ano01d, BHJ02, CS01b, CS02a, CKK⁺04, DB08, DS02, GJDA06, GYS05, GY07, GS03, HL08, JLS02, LJW⁺07, LW09b, MZT08, MX03, NOS99, NSZ02, ON02, PS08, PC05, PS96c, SFP03, SWH98, SZ03a, SZ03b, SSsLY03, TR06, TT01, WDCK04, WO04, WT08, WD06, WYD07, YWD08, ZW02, dLCK⁺05]. **Mobility** [AD08, CBM⁺07, FCF00, MZT08, TM06, WD06]. **Mobility-Sensitive** [WD06]. **Möbius** [Fan98, PN93]. **Modality** [Ksh03]. **Mode** [Gon08, WYWZ08, KA94]. **Model** [AMH08, BNBH⁺95, BNH99, BSCB09, BES06, BP06, BDD⁺96, CPhX04, Chi98, Chi00, CF99b, Fan02a, Fan02b, FB01a, GT02, GFG⁺99, Gre98, HY99, HC09, JR96, JKA07, KL01, KS08a, KPR05, LSZ09, LMN95, MZA02, NOZ02, OKSA01, Qad03, Qua01, RMO⁺95, RRG07, RJ05, SK02, SSS06, SE98, TS98, TTB⁺00, TPL96, TNPK01, WH03a, WP00, XHYL05, YJ97a, YY95, ZB09, AAG94, AIK91, Bok93, CIW91, DK92, DMTB93, DI95, LH94, MS94b, NJ94, TV92, VGGD94]. **Model-Based** [BES06]. **Modeled** [WB98, OSZ92]. **Modeling** [DS05, FYJ⁺09, GB00, HM90, KHS07, LYW08, LJW05, MF01a, PF96, SSP⁺09, Sob96, SvAS04, TR04, vG03, BCBzC92, KCN90a, LEH92, ZY95]. **Modelling** [MAJ⁺07]. **Models** [AAS03, AJMJS03, Ano04c, BDvD98, BA07, BC92, CRS06, CH95, CG02a, CG02b, GY95b, Lee06, LC04, MS99a, PD00, WSC97, WF06, AH93, CO95, Ost90, SH93]. **Modes** [SCY96, MP91]. **modifications** [DI95]. **Modified** [LK04, Chu96]. **Modular** [AM95, LF03, MF96, WCR09, ZP07, AM91, YZW94]. **modularity** [SM94]. **Modules** [DCF95]. **Modulo** [PP95, ZLAV04]. **Molecular** [DB06, SGTP08]. **money** [And90]. **Monitoring** [MG09, ZBM09, HKM⁺94, OSS93]. **Monitors** [YWF⁺09]. **Monotonic** [BMR99, LDG04]. **Monte** [You93]. **Movement** [AYA09, YLW07]. **Movement-Assisted** [AYA09, YLW07]. **Moving** [QD05, XCZ08]. **MPEG** [KS01]. **MPI** [BGBP01, kLCC⁺06, NE01, WC09]. **MPI-LAPI** [BGBP01]. **MPLS** [THH08]. **MPP** [HWWX99]. **MPPs** [HK98]. **MPSoCs** [CK08]. **mRACER** [RE09]. **MST** [LWS04]. **Mtool** [GH93]. **Multi** [CWCC07, CGM⁺07, FO05]. **Multi-Core** [CGM⁺07]. **Multi-DSP** [FO05].

Multi-Installment [CWCC07].
Multiaccess [CS95, CS97b]. **Multiagent** [CK02]. **multiattribute** [GD94]. **Multibus** [Add97]. **Multicast** [ABS01, BRS07, BCR98, CHA07, CGK04, CSC07, CJHG08, CC98, CH98, CMDP09, CXN06, DPH08, Dua95b, FIMR01, GG09, GY07, GS03, GKG06, HÖ00, Jia95, JZXX99, KP99, KP01, LCGC07, LW09a, LN93, Mha09, RMC95, SH97, SPS98, SPC⁺02, TJ07, XGN97, XH08, YMP08, YW99, YW03a, YL07, YL08, YWY08, ZCLC06, ZL07a, ZLP09, LMN94, MXEN94].
Multicasting [CFKR98, Gon03, Gon08, SKPS01, TPL96, VM99]. **Multicasts** [KWOA05, SS00]. **Multichannel** [LWN98].
Multiclass [CGL07, GBD07, KK03a, TT94].
Multicluster [BE07, DNSC09].
Multiclusters [HJS⁺06]. **Multicoloring** [WH95]. **Multicomputer** [lCL95, CYY00, HSWB07, LCRW98, CF94, DA93, HB92, KS93, LN93, OS94a, OL92, RS91b, RFDS97, SF92b]. **Multicomputers** [AD95, CC98, GVGD95, KY98, Lan95, LC99, LCL03, LWLN97, RSB97, SP95, SP98, Ste96, TD01, TW00, TWH99, Wu98, Wu00, Xia01, XL96, dB98, dCVGG02, Bok93, CS90, CS94, GDJ94, GB92, LMN94, SA94].
Multicore [MCG08, SJPL08, TSG09].
Multidestination [PSK99, SSP00].
Multidimensional [AfAGR00, AA00, CW02a, DP02, DD98, Din01, FHBj97, LCL03, MMSM06, PS96a, SS01, YW02, Aln94b, LK90]. **Multidomain** [SS07]. **Multigrid** [MT97]. **Multigroup** [TSJ07]. **Multihop** [DSY99, GP03, JGA08, MY07, SCP99, YYY09, ZL07b, KSF94].
Multilayer [AB03, NJ94]. **Multilayered** [LC02a]. **Multilevel** [JLF03, WT08].
Multimedia [BHJ02, BSS09, EKOAW02, GB06, HDRS00, LSCZ07, LA04, MEKOT03, SD04, CCQ⁺05].
multimicroprocessor [VGGD94].
Multimode [MZ05]. **Multinode** [VB93].
Multioverlay [WLL08]. **multipartite** [FD94]. **Multiparty** [CL09, GWYS08].
Multipath [MDSS09, Sob96, WSNA95].
Multiple [AV96, AM06, AKSS04, BNH99, BBG⁺95, BNO⁺01, CF01, CHK07, Chu95, EAK97, JR03, JGA08, JO95, KP99, KH97a, LKK02, LJZA04, LL96, LSF⁺09, PZLS01, PM02, RC95, SLH97, SS00, TH01, VB96, YY95, AN94, AIK91, BLO⁺94, CCCS90, LG94, LS94c, SB94a, ST93].
Multiple-Beam [LJZA04]. **Multiple-Bus** [KH97a, TH01]. **Multiple-Edge-Fault** [SLH97]. **multiple-fault** [SB94a].
multiplexed [QM94]. **Multiplexing** [QM97]. **Multiplication** [BBRR01, ÇA99, CLPT02, wJPP97, LPZ98, Sah00a, SR98, TC95a, TC95b, ZP07].
multiply [ZL96]. **multiply-twisted** [ZL96].
Multiport [BNBH⁺95, BNH99, BHK⁺97, SPS98, jTM97]. **Multiprocessing** [LMT98, Sar93]. **Multiprocessor** [AK99b, AM95, Bak05, Bö98, BKS03, BP96, BCL09, BJM⁺05, BA97, CRN09, CFR99, FG06a, GY95a, GMM97, GVV09, HT07, JL99, JH97, KWH02, LLTW08, LJLS09, LT97, Li08, LDG04, LBC03, MM98a, MM98b, MJ06, NN96, PAM95, PM96, PPR95, QM97, SH95a, SO95, SJM09, SMJ92, SSZ06, VDS99, WMWL08, WM95, WYJ⁺04, YJ97a, YJ97b, ZMC03, AC92, BIA⁺97, Bir93, BC92, BEK⁺93, CD94, CV92, CAB93, Cor92, DC95, EG93, GD94, GH93, Gup92, HAR94, IT93, IC92, JR94, LS94c, Lil94, MS94a, ME92, ME93, MLS94, QM94, RSS90, SRS93, ST91, SL93b, SL93c, TV92, VJ94, ZL96].
Multiprocessors [AGGD04, AGGD05, AKN95, BB05, BGMZ97, CS08, CW00, CY00b, CH95, CKC08, CY96c, DDS95, DS96, DD95, DMKJ96, FT97, GAL01, GP99a, GMR98, HS98b, KKC⁺05, KL01, KB06, KA96, KA99, LP96, LLH⁺01, LK04, LL98, MA01, McK98, PNZ⁺02, PD00, PGBI03, Qad03, QD05, RTS95, WH95, WHC03, YL97, AOB93,

ABJ⁺93, And90, BJS90, CS92, DMTB93, Gab90, HM92, JF94, Kop94, KE90, KCPT96, LS94a, MS94b, ML94, Pad91, PAM94, RB90, SS90, SG93, SS94, TRS90, WW92, WFP90, YTB92, YW93, YD94a]. **Multiprogrammed** [YL97, SST94]. **Multiquery** [WTCY95]. **Multiresource** [SL06]. **Multiround** [YvdRC05]. **Multisensor** [SvVB05]. **Multiserver** [CGL07]. **Multisignature** [vdMDM07]. **Multisite** [SRD08]. **Multiskewing** [Deb96]. **Multistage** [BIWK00, LKK95, LSC95, RO99, SPS98, Sob96, TZ97, Tze04, WL97, XGN97, YW00, YW01, YW04, BIA⁺97, CI92, HC92, LC94, MD96, YM95, YA93]. **Multistage-Based** [Tze04]. **Multistep** [dB98]. **multistride** [Har91]. **multisystem** [DY93]. **Multitarget** [PPBSA97]. **Multithreaded** [BK106, BF04, CH95, CMBAN08, GMR98, LLS06, LPE⁺99, MGQS⁺08, SCL05, Aga92]. **Multithreading** [KET06, MB07]. **Multitoroidal** [ADG⁺08]. **Multiuunit** [XL08]. **Multisway** [LB95, MC95, Wen96]. **Mutable** [CS01b, CS02a]. **Mutual** [AMP07, CS01a, CH09, FT97, HL08, HY05, HS98b, JK99, Jou03, KKM08, KM01, LK00, TYK99, XXZ03, BCBzC92, HMR94, IK93, NLM90, Sin92]. **MVSS** [MR03]. **Myrinet** [FLMD02a, FLMD02b].

n [OC93, SG94]. **n-cube** [OC93, SG94]. **NAD** [SD04]. **NAD-Based** [SD04]. **name** [KM91]. **name-space** [KM91]. **Narrow** [MBW02]. **NAS** [KHS07]. **NAS/PSA** [KHS07]. **Native** [EBS02]. **Natural** [TS08]. **Near** [KLS00, YW02]. **Near-Optimal** [KLS00, YW02]. **Nearest** [KP96, LS96, NO97, WHW05]. **Nearly** [CC97]. **Necessary** [Dua95a, Dua96, NX95, VS11]. **Negative** [CH04b]. **negligible** [SS94]. **Negotiation** [JJ09]. **Negotiation-Based** [JJ09]. **Neighbor** [NO97, SSZ02, Sto04, WHW05]. **Neighborhood** [JJ07]. **Neighbors** [LS96]. **nested** [LK90, ST91, SC91, WW92]. **nests** [DR94]. **net** [CTC93, SMBT90, STMD96, VGGD94, NE01]. **Net-dbx** [NE01]. **NETRA** [CPA93]. **Nets** [JK99, BCBzC92, WF94]. **Network** [Ano04d, ABC01b, AB03, BBH05, BA97, BIWK00, Bok93, CFB02, CH04a, CHK07, CHL09, CS95, CJHG08, CZLM09, DC98, DS03a, DS05, DLS09, DR98, DLPP05, DCF95, EK95, FYS05, FV09, Fu05, GKK05, GBC⁺07, GS95, HY04, HSWB07, HY99, HH08, HGC05, HH95, HW08, JTC08, KSWR03, KPBD09, LCRW98, LB95, LR93, LXN07, LWN98, LK04, LPD05, MKR00, MZT08, MKY⁺09, MF01a, NT09, OPZ99, Pak07, PPD03, Pre99, PDH06, Ros02, Sah00a, Sah00b, SS96, SF08, SF95, SC07, SYC03, SSRV99, Sol02, SP05, Ste96, SSsLY03, TTB⁺00, TZ97, THT⁺97, TWH99, TF96b, US04, VB96, WCY95, WSNA95, Wan98, WOT⁺07, WF06, WLL08, YW99, YFJ⁺01, YWD08, ZL07a, ZS09, ZN04, ZLKK07, Aga91, AN94, Aln94a, Aln95, CV92, Chu96, KP92, LB94, LK94, MS94a, MR92, MJ94, PGDS94, PN93]. **network** [SSG91, WS93, SL09]. **Network-Attached** [MKR00]. **Network-Based** [Ste96]. **Network-Coding-Based** [CJHG08]. **Network-Partitioning** [TWH99]. **Network-Supported** [ZL07a]. **Networked** [BES06, CG08, KMW08]. **Networks** [AYA09, ABC⁺01a, AB99, AV96, AS00, ALW⁺03, AD08, AD09, AA00, Ano98b, Ano01b, Ano01c, Ano01d, Ano03c, AA09, BÖ98, BK09, BRS07, BRSS08, BBS⁺09, BLD05, BSCB09, BCL⁺05, BWS⁺05, BRSR08, BC06, BM00a, BPT03, BHL⁺07, BS08, BC95, BBR07, CLW03, ÇF99a, CHA07, CYW08, CDV⁺06, CLB08, CBD⁺01, CCC05, CBM⁺07, CL97, CC97, CY06, CPX06, CSC07, CH08, CLY08b, CJLN09, CHC09, CTF09, CXP09, CJHG08, CKWC08, CS02b, CS97b, CFKR98,

CMDP09, CNT05, DW04a, DW04b, DW06, DSY99, DPH08, DZ04, DAA97b, DAA97a, DAA00, DAA02, DAMK06, DLS09, DB08, DY05, DD98, DWX09, Dua95a, Dua95b, Dua96, Dua97, EF95, EAK95, EAK97, EKOAW02, FHA06, FCF00, FR96, FE97, FF98, FLMD02a, FLMD02b, FG06b, cFC98, FYJ⁺09, GZ06, GY95a, GLY07, GRY07, GD95, GLS07, GJDA06, GP03]. **Networks** [GBC⁺07, GY09, GYS05, GY07, GS03, GSS06, HÖD99, HS97, HS99a, HÖ99, HSLA05, HCHM09, HL09a, HP03, HTTPS02, HYP09, HPT04, HLL09, HLH09, HL09b, HC02, HW97, HCD97, HZ96, HC99a, HC97, HWSH00, ISRS06, JL99, JGA08, JJ07, JLS02, JN08, JASA08, JKA07, KZ96, KZN07, KP99, KP01, KPK09, KWL⁺09, KyK09, Kla98, KAY⁺06, Kop96, KWH03, KS01, KS08b, Lai00, LKK02, LC96a, LKK95, LO95a, LW95b, LS97, LDCO08, LMS04, LL06a, LL06b, LCWW03, LWS04, LH06a, LSF⁺09, LWC⁺09, LCN⁺07, LR97, LMN95, LLWC09, LRS02, LSC95, LWXS06, LH06b, LJW⁺07, LWP07, LW09b, LZ05, LSRT06, MGZN07, MCL⁺07, MY07, MEKOT03, MZA02, MMSM06, MRLD01, MR06, MTK06, MAJ⁺07, NOS99, NO00a, NO00b, NOZ01, NO02, NGM97, NYD09, NSZ02, ON02, OSRS06a, OSRS06b, PHKC09, PSK99, PK01, PR05b, PR05a, PC96, PKL06, PP05, PS96b, PF96]. **Networks** [PW99, PG07, QNR99, RO99, RRX09, RGL05, Rav07, RLW⁺07, Res97, RWW97, RE09, RMC95, RLD03, RH00, RH04, SKS02, SJd⁺09, SRZF04, SO95, SJM09, SCP99, SX07, SD00a, SD00b, SPS98, SKPS01, Sob96, SY97, SC05, SLFW06, SP07, SGL06, SS07, Sto97, SL01a, SL01b, SSZ02, Sto04, SZ03b, SS01, SDFV96, SCL00, SCL01, SOM05, TX08, TXL08, THH08, TLM04, TR06, TN08, jTM96, TPL96, TLGP97, TH01, TSJ07, VDS99, VM04, VS11, WY07, WL97, WO04, WWL06, WCH⁺08, WT08, WLZ08, WWLS08, WWWA09, WP00, WL00, WA99, Wu02, WCDY06, WD06, WYD07, WLZN07, WCD08, XXZ03, XPL04, XP05, XP07, XCZ08, XGN97, XTL08, YK99, YK98, YN00, YW00, YW01, YW03a, YW04, YW05b, YWD08, YLW07, YV98, Yi09, YGE06, YYY09, YJHG06, YKP08, YG08, YP98, ZCLC06, ZF07, ZS09, ZCXF09].

Networks [ZL07b, ZH98, ZPY06, ZKB08, ZL08, ZLP09, ZB09, ZL05, AAG94, AV94, Aln94b, Ant94, BR91, BR94, BFP96, BGM94, BIA⁺97, BCH94, CAB93, CI92, CO94, Cor92, DA93, DGB⁺96, DS94, Dua93, FD94, Fid92, GP93, GPBS94, HC92, HK94, JR93, KSF94, LS94a, LC94, LN93, MXEN94, MD96, NJ94, Nic92, NLM90, OC93, ÖD96, Pad91, PGFS94, RS94, RWF94, RFDS97, Sch91, SG94, SB94a, SC93, SR91, SCD97, Tak93, TH93, jTM97, UEA95, VS96, YK96a, YK96b, YC93, YM95, YN90, YA93, ZS95b, Zia94]. **Networks-on-Chips** [KAY⁺06]. **Neural** [AB03, EAK97, Pre99, NJ94]. **Next** [ZSMF01]. **NFS** [BB08]. **No** [NO00a, GR90]. **NoC** [BJM⁺05]. **Node** [BRTM09, KP99, RGL05, STY09, TCS97, WCD08, YW03b, YW05b, jTM97]. **Node-Disjoint** [YW03b, YW05b]. **Nodes** [BFL⁺01, Fu05, GP99b, JHK97, LJZA04, SX08]. **NODUP** [CYW94]. **Nomadic** [KL02]. **Non** [CSC07, HJS⁺06, PNZ⁺02, PB96, KGM96, SS94]. **Non-Cache-Coherent** [PNZ⁺02]. **Non-DHT** [CSC07]. **non-negligible** [SS94]. **Non-Real-Time** [HJS⁺06, KGM96]. **Non-Uniform** [PB96]. **Nonblocking** [LZ05, QS03, SO95, YW03a, AB91a]. **Nonclairvoyant** [HHL08]. **Noncombining** [ST99a]. **Noncontiguous** [LWLN97]. **Nonconvex** [CC01]. **Noncubic** [SP95]. **Nondominated** [BI95, HY97, HY05, KH98]. **Noninstantaneous** [CGL07]. **Nonlinear** [BE98, KP09, CARW93, SC91]. **Nonmigratory** [LLTW08]. **Nonuniform** [CY96a, Kop96, WCD08, AM93].

Nonunimodular [FLVG95].
normalization [Omi90]. **Notation** [CF95].
Note [Bhu06a, Bhu07a, Bhu07b, Bhu08, Bhu09b, Bhu09c, CH98, HGC05, SCY96, Yew03, Yew04a, Yew04b, Yew05a, Yew05b].
Nothing [RD98]. **Notice** [Ano02c]. **Novel** [ADG06, BS08, CN02, CN04, Deb96, KL02, LM06, LZ08, Rob04, SKJ07, SX03, TH93, THH08, XL08]. **NOWs** [AA09]. **NRMI** [TS08]. **NUCA** [HKS⁺07]. **NULL** [KH93].
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Numbers [YK99, NS95b]. **numeric** [HB92, Lar93].

O [WSB09, Bor00, JSWB97, KKCB02a, KKCB02b, Kan01, KB03, kLCC⁺06, OPZ99, RB90, TR04, VV99, WSB09, YZC08].
O-Centric [HJH02]. **O-O-O** [WSB09].
OBIWAN [FVR03]. **Object** [GMS09, JLDC05, LSCZ07, RS08, RLW⁺07, TF01, Tse09, XRR00, XTL08, YK03, SM94].
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octrees [IA95]. **Odd** [Chi00, LH01, RS90].
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One-Hop [RHM09, XP05]. **One-Shot** [FMR07]. **One-to-Many** [CC97]. **Online** [CHL09, EDO06, HKL00, HHL08, TSRS07, Tse09, ZLZN09, ZBM09]. **onto** [EAK97, HÖ99, IS90, KB06, SS94, TKP00].
OPAM [BS96]. **Open** [BCL⁺05, YLL⁺07, DFD93]. **Open-Source** [YLL⁺07]. **OpenMP** [ACD⁺09, MM07].
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optic [AAG94]. **Optical** [CFB02, CWYZ09, DS03a, FR96, GP03, HSWB07, LWN98, LK04, MR06, MAJ⁺07, RS97a, Sah00a, Sah00b, SCP99, WL00, WH01, YW01, YW05a, YJHG06, ZY04, ZY06]. **Optically** [QM97]. **Optics** [LCRW98]. **Optimal** [Aln94b, AR97, ABRY03, ADD⁺02, BFP96, BBG⁺95, BGO⁺96, BGO⁺98, BGM94, BGOS97, BNO⁺01, CS01a, CC93a, CCP95, CGK04, CYW94, CC97, CC95, CNNS94, CXN06, DA98, DPS96a, DPS96b, DP02, Deb96, DS05, DY05, DD01, DD95, Din01, EK95, FLJ05, FJL07, FCF00, FI95, GW96a, GRS99, GAG96, HNO98b, HNO98c, HK95, HS02, HTPS02, HWKH01, HH95, HZ96, ISRS06, JR93, JR03, wJPP97, JLDC05, JVYA05, JEG07, KDW01, KZ96, KCS⁺99, KR00, KLS00, LC96a, LC95, LS97, LT97, LHSML95, MC93, MS92, MG09, NO97, OW91, OSZ92, OZ96, RA04, Rav07, Res97, RMC95, Ros02, SK02, SP93, SWC95, ST99a, TCC07, TLGP97, TH01, WKS01, WMN99, WL08b, XGN97, YMP08, YW00, YW01, YW02, YL08, YXW03, ZY04, ZL96, AGE94,

BGO⁺97, Fid92, Fu97, JR94, LK94, LA93, SB94b]. **optimal** [Uht92]. **Optimality** [LC02a, XU01]. **Optimally** [BSS09]. **Optimistic** [QS03, VJA97]. **Optimization** [BCG04, HKL00, KA09, KM02, LKKS05, LSZ09, LJLN07, McK98, PC05, SKB04, SKCL09, SCO⁺07, TM06, TKVD02, TK96a, XP05, ZCXF09, AT07]. **Optimizations** [CE95, KK04, KKCB02a, KKCB02b, KBC⁺01]. **Optimized** [BV05, CFKR98]. **Optimizing** [AMY09, AKSS04, COS00, GSS96, HCYL06, KKC⁺05, KCRK00, LA04, MGDZ07, PPP04, SRL98, WSB09, XLW⁺06, ZXZ⁺09, AC93]. **Optimum** [Bar98]. **Optional** [Sun02]. **Optoelectronic** [WS98, WS00]. **Order** [BC99, FIMR01, WSB09]. **ordered** [GDJ94]. **Ordering** [AJF96, CH98, EBS04, Jia95, SH97, Var93]. **Orders** [KSP09, HMW93]. **ordinary** [GP92]. **organization** [DC95]. **Organizing** [CDV⁺06, SH95b]. **Orientation** [UKY98]. **Oriented** [CV08, GMS09, HL09a, KCK⁺06, LP96, RNR⁺03, YZC08, dBL98, MN92]. **Orthogonal** [HJH02, Sch91]. **Oscillation** [hKY08]. **other** [Fid92, PGFS94]. **OTIS** [CXP09, DAA02, RS98, WS98, WS00]. **OTIS-Mesh** [RS98, WS98, WS00]. **OTIS-Networks** [DAA02]. **Out-of-Core** [DW03, KCRK00, LRG99]. **Outerplanarity** [KR00]. **Output** [FZGC06, GCCC⁺04, MLW06, MR02]. **Overall** [COS00, YJHG06]. **Overflow** [SFP03]. **Overhead** [BG02, CC99, FPGAD08, KB03, PF08, SRT96, Kum92, LLJ⁺93, NZ95, ZLE91]. **Overheads** [SSRV99]. **Overlapping** [kLCC⁺06, YYY09]. **Overlay** [AOK09, BRS07, BRSS08, BBR07, CLB08, CSC07, CXN06, GY09, LCGC07, LLSZ08, LXN07, PDH06, SL09, TJ07, TSJ07, WCBX06, WL08a, YMP08, YL07, ZCLC06, ZL08, ZLP09, ZCSY08]. **Overlays** [BK09, FRGL09, MG09, PZZ09]. **Overload** [Ram99]. **Oversubscribed** [TTB⁺00]. **Overview** [LLY07]. **Ownership** [JB01]. **P** [HK98, SK02]. **P-3PC** [SK02]. **P2P** [BSS09, BRTM09, CSC07, CLY08b, CT08, CZLM09, HL08, LXN07, LZTY09, WXLZ06, WX07, WLL08, YM09, ZYKG07, ZH05, ZH06, ZH07c, ZCSY08]. **P2P-Based** [LZTY09, ZH07c]. **P2Ps** [LHL⁺08]. **Packaging** [BP96]. **Packet** [ADG06, AH06, DHN95, DZH05, FR96, GR06, GS08, GG95, HPT04, KSP02, LMS04, LL06a, LL06b, LLY07, LSC95, MSM09, PC07, PF96, RS97b, SX03, Tze06, WR04, WLL⁺07, XZG09, MS93, PGFS94]. **Packet-Based** [LL06a]. **Packet-Switched** [LSC95]. **Packet-Switching** [LL06a, LL06b]. **Packets** [LZ02, ST99a, VB93]. **packing** [BW94]. **Packings** [dBL98]. **Page** [DYJ97, Bir93]. **page-parallel** [Bir93]. **Pages** [HZ97]. **Pair** [WHW05]. **Paired** [WF03]. **Pairwise** [MCL⁺07, MDL06, TC94]. **pancake** [BFP96]. **PAPADS** [Ano07c, ACM08]. **Papers** [Ano97d, Ano97b, Ano97c, Ano98c, Ano01b, Ano01c, Ano01d, Ano02b, Ano04b, Ano04c, Ano04d, Ano05c, Ano07c, Ano08c, Ano09c, Ano09b, Ano98b, Ano99c, Ano99d, Ano99e, Ano03c]. **Paradigm** [BLR03, JKR01, OC05, WSC97, ZL05, MN92]. **Paradigms** [OB00]. **Paragon** [FBD96]. **Paralex** [DGB⁺96]. **Parallel** [AKN95, AK98, ACM08, AM90, AFAGR97, AJMJS03, AfAGR00, ATML08, ACT⁺97, Aln95, AGL⁺98, AM06, ABK98, AKSS04, Ano97d, Ano97b, Ano97c, Ano02a, ABDZ94, AH06, ADD⁺02, AIK91, BT00, BCVCV05, BBC⁺95, BDvD98, BJS90, BKB96, BA07, BAH01, BA97, BP06, COP00, CdMB05, ÇA99, CARW93, CFB02, CC93b, Cha96, CH07, Che95b, Che96, CC97, CFW98, Che01, CW02b, CPhX04, CV08, CY96c, CB00, CJPW06, CN02, CN04, CSR07, DPS96a, DPS96b, DHB01, DGB⁺96, Deb96,

DHN95, DDD⁺05, DHN96, Din01, DL02, DCSM96, DNSC09, FE97, FHB97, FDC00, FFPP05, FA94, FBD96, FI95, FARH02, GMRC07, GRS99, GCCC⁺04, GvG06, GY95b, GKS95, GSS96, GKK97, HM98, HNO98b, HCF03, HCY97, yH02, Hsi03, HLV94, HH95, HXA96, IA95, JTP⁺08, JZ04, JVYA05, KABK03, KHWT95, KL01].

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Parallel

[ZH99b, ZCO98, ZWM99, dSF03, vG03, vDSP96, AOB93, AH91, ADM92, Aln94a, AN93, AC93, BS95, BW94, Bir93, BCJ90, CA93, CCCS90, ClW91, CWL92, DM93, Don91, DFD93, Efe92, GO93, GR90, GMG96, GS91, GK93, HISS94, Har91, HQL⁺91, HN93, HE92, HB92, HK93, IT93, JS90, KK94, KMT91, KCN90a, KCN90b, KM91, KGS94, KSA94, Lee93, LC91a, LNP94, Lil94, LL90, MS91, ML90, MB94, MM96, ME95, MCH⁺90, MKH91, MTSDA93, NSD93, Nic92, NGL94, OSS93, OW91, OSZ92, Omi90, PLW96, RK94a, RK94b, Rao96, RJ94, SP93, SST94, SL94, SW95, SR94, SMJ92, Tak93, TB93, TN93b, Tze93, WW92, WCS92,

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parentheses-matching [PDC94].

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partitionable

[CPA93, JS90, LC91b, NSD⁺91, WS93].

Partitioned

[BC99, DS03a, MR06, RJ94, Sah00a, Sah00b].

Partitioners [SCP02]. **Partitioning**

[AKN95, BA07, BR94, ÇA99, Cha96, CM95, COS00, CT02, D'H92, DWX09, IB95, JO95, LC02b, MROD07, OR97, PB96, RR02, ST91, SvVB05, TKP00, TWH99, Tze06, AH91, GB92, Gup92, LC91b]. **Passing** [BHK⁺97, CBDW96, DFKS01, DHN96, HK98, Hol98, MF01a, MRT09, PSK99, RRG07, WCLF95, vDSP96, ATG92, AMAM94, WG90].

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[DS03a, GP99a, MR06, Sah00a, Sah00b].

Patch [KSP09]. **Patch-and-Stitch**

[KSP09]. **Path**
 [FLJ05, FH97, GZ06, HSWB07, Hol98, KL99, KA96, PKL06, QM97, SM03, THT⁺97, ZH98, BR91, CWL92, SCD97].
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 [AMS97, Aro00, GS95, MR02, TW00, BR94].
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PC [JZ04]. **PCBN** [WS93]. **PCS**
 [FCF00, WOT⁺07]. **PDE** [WH95]. **PDF**
 [Ano00b, Ano00c, Ano01f, Ano01g, Ano01h, Ano01i, Ano01j, Ano01k]. **PE** [Kop94].
PE/memory [Kop94]. **Peer**
 [CW06, CLY08a, CJLN09, CHC09, CHHC06, CGM05, DF09, FRGJ07, FRGL09, GN06, GWYS08, GY09, GLQL09, GSS06, HL09a, HH08, HLL09, HLH09, HCC06, JGZW08, LXL08, LYW08, LLSZ08, LLWC09, LXL⁺05, LLX06, MTK06, PDH06, RGL05, SC07, SX07, SGL06, STW00, TJ08, TXL08, WL08b, XXZ03, YK09, ZH07a, ZF07, ZXZ⁺09, ZH07b, ZKB08]. **Peer-to-Peer**
 [CW06, CLY08a, CJLN09, CHC09, CHHC06, CGM05, DF09, FRGJ07, FRGL09, GN06, GWYS08, GY09, GLQL09, GSS06, HL09a, HH08, HLL09, HLH09, HCC06, JGZW08, LXL08, LYW08, LLSZ08, LLWC09, LXL⁺05, LLX06, MTK06, PDH06, RGL05, SC07, SX07, SGL06, TJ08, TXL08, WL08b, XXZ03, YK09, ZH07a, ZF07, ZXZ⁺09, ZH07b, ZKB08]. **PeerCluster** [HCC06].
peerTalk [GWYS08]. **Percolation** [AD09].
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Performability [NGB⁺05]. **Performance**
 [AD98, ASB02, AFM02, Abr97, AGGD04, AV94, Aga92, AC92, AS92, AMAM94, AS96, AAB06, AA00, Ano05c, Ano09c, BT00, BDvD98, BKB96, BMPP06, BIA⁺97, BIWK00, BE92, BCG04, BCR98, BDS94, CE95, CLB08, CGK04, CY95, CK08, CLY08b, CTF09, CS95, CV08, CY00a, CY00b, CH95, CML05, CS03, CG02a, CG02b, CMBAN08, DW04b, DY93, DP06, Din06, Don91, EBS02, Fei05, FDC00, FLMD02a, FLMD02b, FG06a, FLP⁺07, FYJ⁺09, GB00, GvG06, GMCB01, GKS95, HDF07, HC92, HB92, HNY02, HK93, HWWX99, ICT93, JF94, KHY09, KL99, KYD⁺07, KA05, KWOA05, KS93, LG94, LJZA04, LB00a, LP96, LSZ09, LY94, Li08, LLGS09, LT00, LR97, LBS05, LY93b, LC04, LMT98, MKR00, MS91, ME92, MRW92, MMSM06, MSM06, MD96, MCG08, MOFD05, MDL06, NJ94, NGM97, OHRW99, ON06].
Performance [OC05, Pak07, PR05b, PHP03, PPP04, PPR95, PGBI03, QNR99, RK08, RBSP02, SRD04, SG93, SFP03, SkLC⁺03, SD00a, SSP02, SvAS04, SZ95b, SM02, SMH02, TSG09, TGV08, TM97, TL05, Tho06, THW02, TZ97, TKVD02, TK96b, VSD01, VMXQ04, Var93, VR05, WSC97, WB98, WOT⁺07, WF06, XC04, XTL06, YW98, YD94b, ZYC95, ZMRS08, ZCXF09, ZH06, ZBM09, ZMP07, ZWM99, dBL98, vG03, Aga91, And90, DF97, DI95, DAF95, EAL91, EMS90, GH93, GS91, HKM⁺94, LLJ⁺93, ML90, RS94, SMS93, SF92b, WS93, YC93, ME93].
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Persistent [Lop02]. **Personalized** [FYP07, SS01, TG96, YW00, YW01, RWF94].
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Phased [KKC03]. **Phenomena** [JN08].
Photonic [LZ05]. **Physical** [Ano08c, TGV08]. **PI** [HY07]. **Pica** [WCCR⁺97]. **pin** [Fid92]. **pin-optimal** [Fid92]. **Pipeline** [KPR05, SS08, SM03, YKS03, AN94, EMS90].
Pipeline-Based [YKS03]. **Pipelined** [DSO02, HÖ99, KCN90a, KCN90b, LPZ98, Li03, RJ96, SDDY00, WHW05, ZMP07, CNNS94, JR93, SG94]. **Pipelines** [FDC00].
Pipelining [AB94, BLMR05, CDR98, GAG96, KL01, ANN95]. **Pivoting** [FJY98].
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Planning [SKCL09, SZ03a, dSF03].
Platform [Ano04c, CRS06, FVR03].
Platforms [BBC⁺04, BBRR01, BLMR05, BCL09, CF00, DNSC09, HK06, LSZ09, MTSDA93].
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Pointers [Mic04]. **Points** [HNO98b, HNO98a]. **Poisson** [SZ04].
Policies [BRSR08, BIWK00, BE07, CV08, CYD98, DYJ97, LA06, DY93]. **Policing** [RH04]. **Policy** [BCdSFL09, LR96, LG09, SRD08].
Policy-Enforced [BCdSFL09]. **Polling** [Res97]. **Polymorphic** [Mar93, TC07].
Polynomial [BSCB09, CF94]. **Port** [HÖ00, HK95, KLS00, jTM96, YW02].
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Positions [Qua01]. **possible** [HMMW93].
Postal [BNBH⁺95, BDD⁺96]. **Posteriori** [KGKL08]. **Potato** [BRS97, NS95a].
Potential [CV08, MTL95, SP05]. **Power** [ACM08, Ano07c, CMBAN08, FMR07, KGKL08, Li08, MGDZ07, MB07, Mit01, MCG08, PS08, SP07, SL01b, ZMM04, MM96, WT92]. **Power-Aware** [ACM08, Ano07c, Li08, PS08, SP07, SL01b, ZMM04].
Power-Performance [CMBAN08].
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pp-mess-sim [RFDS97]. **Practical** [AFAGR97, DDV⁺07, FB01b, GS08, KA99, Ste96, WT98, Gab90, TN93b]. **Practically** [GLV06]. **PRAM** [Che95a, HNO98c, PDC94, WH03a].
Precedence [BKS03, BBD00, HÖ99, Ram95, AMAM94, SS94].
Precedence-Constrained [HÖ99, AMAM94]. **Precedence-Related** [Ram95]. **Precedent** [LT00]. **precise** [CT94]. **Precomputation** [MGQS⁺08].
Preconditioned [GKS95]. **Predicate** [CK96, DL02, MSG07]. **Predicates** [Ksh03, GW94, GW96b]. **predict** [DI95].
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Predictor [TAKB06]. **Preface** [OSRS06a, OSRS06b]. **Prefetching** [COS00, DDS95, DS96, KE90, LJLS09, SLT03, TCC05, TR04, TKVD02, VV99, Lil94].
Prefix [BM00b, Chu95, LNO⁺00, LNOZ03, Tak93].

Presence [DHP⁺07, NT09, OKSA01, Sin96, SCY98, VRKL96]. **PReSEnt** [KyK09].
Presentation [GT02]. **Preservation** [CGM05]. **Preserving** [CL09, JBW⁺08].
PRESS [CB05]. **Prevention** [LSC95].
Pricing [GBD07, HYP02]. **Primary** [ZJ99].
Primary-Backup [ZJ99]. **primitives** [JWC94]. **Principle** [XU01]. **Prioritized** [JH97, TTB⁺00]. **Priority** [BÖ98, DPS96a, DPS96b, LLL09, WMWL08, EG93, Nic92, OW91]. **Priority-Driven** [BÖ98]. **Privacy** [CL09, LZR09].
Privacy-Aware [LZR09].
Privacy-Preserving [CL09]. **Private** [ZZMN07, WFP90]. **Privatization** [RP99].
Proactively [vdMDM07]. **Probabilistic** [Arv94, CHJL04, KMG03, KCK⁺06, ZZMN07, LS94c]. **Probability** [DÖ02, HY99, MAJ⁺07, RO99]. **Problem** [AK99b, BSCB09, BNO⁺01, CT08, CKWC08, FH03, Gre98, HTTPS02, HLH09, yH02, NO97, PPBSA97, PK95a, PK95b, TC04a, THT⁺97, TKVD02, WLZ08, YK99, CWL92, FD94, LL94]. **Problem-Solving** [PK95a, PK95b]. **Problems** [BCL⁺05, CB00, DMR01, FMR07, Gon08, HH95, IB95, LLY07, PLT00, RL98, SK02, SKB04, THT⁺97, UZCZ97, WKS01, WHW05, O'H91, OSZ92, RJ90, SW95, WC90, YK96b].
Process [DTE07, GM09, JBW⁺08, SvVB05, GT93].
Processes [BCdSFL09, CLB08, CF95, LPD05, MRT09, WM93]. **Processing** [BDvD98, CFB02, DHB01, DW03, HXA96, KYB08, KKC03, LB00a, RGK09, SKB04, TSP⁺08, WS00, YKS03, YYX⁺09, ZPY06, dSF03, BCJ90, CY92, DFD93, GDJ94, HK93, KK93b, LHS92, Lee93, LY93b, MLL92, MTSDA93, RS94, SST94, SMJ92, Tho93, YD94b]. **Processor** [BBC⁺04, Bar98, BE07, CBE93, CW00, CYY00, CC95, CML05, DDD⁺05, DD95, EP05, GW96a, GWL97, GR06, HK06, HWKH01, HCYD01, HW08, KN95, KBD08, LKHL03, LKKS05, LPZ98, LHSML95, LWLN97, MGQS⁺08, MMSA94, OC05, PPR99, RTS95, SVP08, SP95, TKP00, UKY98, VM04, VKS⁺09, WSC97, WF06, WDY98, Wu97b, WHC03, YK99, YL96, YL97, ZCO98, ZWM99, AB94, AN94, Cap92, CD94, CNNS94, GR94, GM94, KDL91, KLDR94, Mar93, ML94, SC92, SC94, SST94, SF92a, SL93a, SMS93, SL93c, SA93, WC90, WW92, YW93].
processor-cache [SL93c].
processor-time-minimal [Cap92, SC92].
Processors [AF05, BLR03, BF04, DF99, GY95b, HTTPS02, HC97, JR03, LPE⁺99, MBM98, SF08, SJPL08, SCY98, WSB09, Aga92, Aln94a, Aln95, HK93, YG94].
Produce [TK96a]. **Product** [DAA97b, DAA00, FE97, HC09, KWH03, Li07].
production [ATG92, AG96]. **Products** [EF95, LKHL03]. **Profiles** [RMO⁺95].
Profiling [Hol98]. **Program** [Abr97, AK98, AN93, KP09, BCBzC92, MS94a, MCH⁺90, RM90, TRS90].
Programmable [ZLKK07]. **Programming** [AAD08, AJMJS03, AGL⁺98, BM00a, CdMB05, JZ04, KBC⁺01, LCB96, OB00, PG01, PW95, RNR⁺03, SK95, TSG09, YYX⁺09, BS95, CR90, HQL⁺91, HLV94, KMT91, WG90]. **Programming-Based** [AAD08]. **Programs** [CF00, DHN96, FO05, GSS96, Hol98, KA99, LRG99, LMT98, MF01a, NE01, OXL06, PH02, WNKS96, WBO⁺01, ZH99b, ADM92, Bil94, BE92, ClW91, CR90, Fos91, Gab90, GW94, GW96b, GP92, HN90, Lar93, LC91a, LNP94, MKH91, RS94, RK94a, RK94b, SLY90].
Progress [WWWA09]. **Progressive** [SP03, ZZMN07]. **Promoting** [AD08].
PROMPT [HRG00]. **proof** [CG08].
Propagation [CH98, DYJ97, Jia95, SH97, SOM05, TLGP97, MLL92, Rao96].
Propagations [HM98]. **Properties** [Abr97, CSH00, DAA02, DS05, DCF95, EAL91, EAK95, HC99a, Pre99, Sto97, Tsa03, DT94, Ost90]. **Property**

[SyFL99, BR91, LC94]. **Proportional** [FLZ09, LLY04, PC07, ZX04]. **Proportional-Delay** [LLY04]. **Proportional-Share** [FLZ09]. **Protecting** [WZP⁺03]. **Protection** [WS03, WLZ08, WFS09, XRY09]. **Protein** [TAKB06]. **Proteins** [FARH02]. **Protocol** [ABS01, CBD⁺01, CHHC06, DZ04, EBS04, FPGAD08, GCCC⁺04, Gen00, GP99a, GJDA06, HRG00, HSLA05, HJB⁺09, Jia95, JZXX99, KL02, LDCO08, LLY07, LC02a, LW09c, LK04, MEKOT03, MZA02, MTK06, PK00, RE09, SH97, SPC⁺02, TF96a, WO04, XJZZ00, YWY08, YK03, ZMMS08, ZL07b, ZKB08, AB91a, KP93a, LG90, YTB92]. **Protocol-Centric** [PK00]. **Protocols** [AEA97, AK99a, Ano04d, BRSS08, BBS⁺09, BMPP06, CH04a, CFKR98, DW04b, FRGJ07, GY95a, GKG06, ISRS06, MLSS07, NOS99, NO00a, NO00b, NO02, OSRS06a, OSRS06b, PD95, PDH06, SRT96, TKW98, Tsa03, TT01, WCR09, XXZ03, MSMA90]. **prototype** [DM93, LLJ⁺93]. **Provably** [HHL08]. **Provenance** [GM09, JBW⁺08]. **Provenance-Preserving** [JBW⁺08]. **Provide** [MAS08]. **Providing** [FZGC06, RAHM05]. **Provision** [CLY08a, MGA⁺09]. **Provisioning** [EKOAW02, WMXZ06]. **Proxies** [CC03, JLDC05, LA06, TCC05]. **Proximate** [HNO98b]. **Proximity** [ZH05]. **Proximity-Aware** [ZH05]. **Proxy** [ILL07]. **Proxy-Client** [ILL07]. **Pruned** [XP07]. **Pruning** [CB00, DW04b, MD97, SG93]. **pruning-cache** [SG93]. **PSA** [KHS07]. **PSCR** [GP99a]. **Pseudo** [LHL⁺08]. **Publish** [ZH07c]. **Publish/Subscribe** [ZH07c]. **Pull** [KLH07]. **Push** [KLH07]. **Push-Pull** [KLH07]. **Puzzles** [ACT06]. **Pyramid** [PH96, DS94, JS93]. **pyramids** [GM94].

QoS [ASD04, CCQ⁺05, CWYZ09, CS02b, EKOAW02, FHA06, HSH⁺99, HYP02, KK03b, MAS⁺07, MGA⁺09, NK08, RGK09, RSG06, SJKC06, TX05, WMXZ06, XHYL05, XP05, YKDV02, ZPY06]. **QoS-Aware** [RGK09, TX05]. **QoS-Constrained** [ZPY06]. **QoS-Enhanced** [KK03b]. **QoS-Provisioning** [WMXZ06]. **QoS-Sensitive** [CS02b]. **Quadratic** [CHC04]. **Quality** [CHL09, HH08, KSC03, LLX06, MAS08, RAHM05, ZB09]. **Quantifying** [HP03, NGB⁺05]. **Quantitative** [Bor00]. **Quantization** [JR03]. **Quasi** [CCSC09, MS99a]. **Quasi-Aggregate** [CCSC09]. **Quasi-Synchronous** [MS99a]. **Quasidynamic** [KK04]. **Quasiregular** [LH06b]. **Queries** [AKSS04, DP02, JN08, LG09, LA06, SC07, XTL08]. **Query** [BNO⁺01, LLX06, SKCL09, CY92, LY93b, WCS92]. **Querying** [DLS09, PS03, BGO⁺97]. **Question** [SMH02]. **Question/Answering** [SMH02]. **Queue** [hKY08, LR96, RMO⁺95, DC95]. **Queued** [HS08]. **queueing** [Nic92]. **Queues** [Che01, DPS96a, DPS96b, OW91]. **Queueing** [AH06, FHA06, FZGC06, PF96, SV97, SSP02, TH06]. **Quiescence** [DTE07]. **Quiver** [RS08]. **Quorum** [AEA97, AMPR01, AMP07, CS01a, CY95, Jou03, MTK06, NW98, TYK99, YC95, AB91a, Fu97]. **Quorum-Based** [AEA97, AMP07, CS01a, Jou03, MTK06, TYK99]. **Quorums** [KKM08].

Race [PK00]. **Radars** [KKC03, KCK⁺06]. **Radio** [DZ04, NOS99, NO00a, NOZ01, NO02, Rav07]. **Radius** [ISRS06, TF96b]. **RAID** [HJH02]. **RAID5** [Tho06, TM97]. **RAIN** [BFL⁺01]. **Random** [BGJ06, CH08, LKK02, LLL09, LWXS06, Rav07, VB96, RS94, You93]. **Randomization** [JS98]. **Randomized** [AS00, CPX06, FRGJ07, Mit01, NO00b, RS98, UFS96, YJ97a, BL91]. **Randomly** [CH08, VB93]. **Range**

[CST02, SPF99, WWWA09, ZY04, ZY06]. **Range-Free** [WWWA09]. **Range-Join** [CST02]. **Ranking** [PKJ97, SS96, RJ90]. **RAPID** [HNY02]. **RAPID-Cache** [HNY02]. **rasterizer** [Bir93]. **Rate** [BMR99, EKOAW02, GAG96, HY07, HPT04, JASA08, LDG04, SS08]. **Rate-Based** [EKOAW02]. **Rate-Monotonic** [BMR99]. **Rate-Optimal** [GAG96]. **Rateless** [WL08b]. **Rates** [HJB⁺09]. **Rather** [TEF07]. **Ratio** [GZ09, KS01, WLL⁺07]. **Raw** [MYA01]. **Rayleigh** [Gre98]. **RDT** [Tsa03]. **Reaching** [KA94, TYK99, WYWZ08]. **Read** [KDW01]. **Reading** [KST94]. **Real** [AS99, Ano98c, AA09, BÖ98, BMR99, CRN09, CS97b, CS03, EDO06, FWDC⁺00, GMM97, HS99a, HRG00, HJS⁺06, HSH⁺99, HS99b, KSF94, KGM97, KMW08, KWH02, KKC03, KS01, KS03, KgCS04, LL07, LHSML95, LWK05, MZ05, MM98a, MM98b, ME95, PABD⁺99, Ram99, SJPL08, SCK00, SR99, TL05, VMXQ04, WJLK07, WCH⁺08, WMWL08, XZG09, XP05, XQ08, YW98, ZS95a, ZS98, ZMC03, ZMM04, ZLZN09, ZJ99, CD94, KGM96, RSS90, SRS93, SH93, SH94, SA94, SMS93]. **Real-Time** [AS99, Ano98c, AA09, BÖ98, CRN09, CS97b, CS03, EDO06, FWDC⁺00, GMM97, HS99a, HRG00, HJS⁺06, HSH⁺99, HS99b, KGM97, KMW08, KWH02, KKC03, KS01, KS03, KgCS04, LL07, LHSML95, LWK05, MZ05, MM98a, MM98b, PABD⁺99, Ram99, SJPL08, SCK00, SR99, WJLK07, WCH⁺08, WMWL08, XP05, XQ08, YW98, ZS95a, ZS98, ZMC03, ZMM04, ZLZN09, ZJ99, KSF94, CD94, KGM96, RSS90, SRS93, SH93, SH94, SA94, SMS93]. **Realistic** [Ano04c, CRS06, LR97, SSS06, WLZN07]. **Realizability** [SyFL99]. **Realizable** [GLV06]. **Reallocation** [Tse09]. **Rearrangeable** [ÇF99a]. **Reassignment** [CT08]. **Recirculating** [ZY06]. **reclaiming** [SRS93]. **Reclamation** [GPST09, Mic04, WCLF95, ZMC03]. **Recognition** [CW00, GR94, YC96]. **Recognition-Complete** [CW00]. **Recognizing** [KH98, PWW00]. **Recomputing** [YDW⁺09]. **Reconciliation** [ACT06]. **Reconfigurable** [BM00a, BM00b, BA97, BGOS98, BNO⁺01, DSO02, EW97, FZVT98, HNO98a, HTTPS02, wJPP97, LS96, LPZ98, LO95b, NO97, NO98, PS08, RS97a, RJ99, SGTP08, WHW05, WH01, YZW94, ZP07, Aln94a, Aln95, wJNPS97, MR92, WC90]. **Reconfiguration** [Ano99h, Avr99, CBD⁺01, DLPP05, KZ96, LHSML95, LPD05, PPD03, QM94, Tze93, YR96, MS94a]. **Reconstruction** [Sto96, CL94]. **Recorded** [LL98]. **Recording** [GM09]. **Recoverable** [MP97]. **Recovery** [CY96b, DYJ97, LL02, MGDZ07, PS96c, SNI02a, SNI02b, VJA97, ZLKK07, JF94, KK93a, KP93a, TKT92, WFP90]. **Recurrence** [BAH01]. **Recurrences** [WNKS96]. **Recurrent** [GWL97]. **Recursion** [ZL05]. **Recursion-Based** [ZL05]. **Recursive** [CLPT02, Fu05, HCD97, HGC05, LRG99, PH02, SCL00, TC04a, YFJ⁺01, HN90, SCD97]. **Recycling** [WRB09]. **ReDAL** [DDV⁺07]. **Redirection** [CCY03, RK08]. **Redistribution** [CHB98, CJPW06, DDP⁺98, GAL01, HCYD01, HCYL06, KM02, PPR99, PD99, TCR96, KN95]. **Reduce** [Ian97, SJKC06, AH91, ME95]. **Reduce-Scatter** [Ian97]. **reduced** [Zia94]. **Reducing** [KCRB03, hKY08, Kop94, QM97, RJ05, WSNA95, YCTW07]. **Reduction** [KB03, MR92, PP95, RP99, SS00, YR06, ZMP07, LA93, STMD96]. **Reductive** [CMR07]. **Redundancy** [Agr98, LW95b, SWC95]. **Redundant** [CY99, JGZW08, MB07, KGMB94, KS91]. **Refactoring** [ZJ03]. **Reference** [GPST09, HE92]. **References** [CHC04]. **Reflected** [MQ97]. **Regeneration** [DHP⁺07]. **Regeneration-Theory**

[DHP⁺07]. **Region** [GLS07]. **Register** [LPE⁺99, YLL⁺07, ZLAV04]. **Registers** [CH09]. **Regular** [Ano99f, CCC05, CM95, HC09, MDSS09, PK99b, PLT00, SK02, SKB04, TC95a, GMG96, HK91, MS91]. **Regularity** [LCB00]. **Regularization** [TC95a]. **Regularly** [Lai00, YY95]. **Regulating** [SP07]. **Reinforcement** [ZCO98]. **Reinforcement-Based** [ZCO98]. **Related** [BBG⁺95, PR05a, Ram95, THT⁺97, WKS01, JR93, KSA94, WC90]. **Relational** [RL98, Omi90]. **relations** [YA93]. **Relationship** [HY96, LW95b]. **Relationships** [MT97]. **Relaxed** [PD00]. **Relaxing** [HM95]. **Relay** [FHA06]. **Release** [VM04]. **Reliability** [yCM98, CH92, CI92, GB00, GYS05, SJ99, SR91, SRT94]. **Reliable** [ABS01, BFL⁺01, DHN95, GPST09, GKG06, HNY02, KMG03, LWC⁺09, MN92, RE09, RHM09, ST99b, XXZ03, ZF07, HK94, LS94b]. **Relocation** [TS98]. **Remapping** [BA07, YXW03]. **Remote** [JKR01, LWY96, LWY93, Tho93]. **Removal** [KS91]. **Rendering** [BA07, LLH⁺01]. **Reordering** [LLY07]. **Repair** [Her00]. **Repartitioning** [SKK01]. **Repeated** [GG94a]. **Replacement** [CC03]. **Replica** [AMY09, BRSR08, CSR⁺09, MMJ03, SRT96, TX05, TC06, TCC07]. **Replicas** [KDW01, QR07]. **replicate** [SY93]. **Replicated** [HZ97, KSC03, PM02, RSG06, Tos07, AB91a, RST95, SB94b, TT94]. **Replication** [AJ95, BKI06, CCD⁺09, DvdMK09, FG01, GLV06, HY96, JLDC05, LTZS06, LWY93, LSCZ07, MBTPV06, SYC03, TC04b, WC09, ZJ99, TT94]. **Replication-Based** [WC09]. **Reporting** [SZ03a]. **Representation** [Abr97, CDV⁺06, EBS02]. **represented** [IA95]. **Reputation** [SCW07, ZF07, ZH07b]. **Reputation-Based** [SCW07]. **Request** [CCY03, CB03, DDV⁺07, LS94a, RK08]. **Requests** [JR03, TTB⁺00]. **Requirement** [KPR05]. **Requirements** [HYP02, SSRV99, Uht92, GO93, MS93, SMS93]. **Rerouting** [NSZ02, SDDY00]. **Rescheduling** [SSZ06]. **Research** [RRX09]. **Reservation** [CS02b, SP05, XLW⁺06, ZMMS08]. **Reservation-Based** [SP05, ZMMS08]. **Reservations** [RRX09]. **Reshuffle** [Din01]. **Residue** [BM00b, PP95]. **Resilience** [TJ07]. **Resilient** [AOK09, CWLR09, CC93a, DAA00, NLM90, SX07, WL08b, YK09, LW95a]. **Resistant** [BSS09]. **Resolution** [GFG⁺99, SP05, WP00, XRR00]. **Resolving** [HLH09]. **Resource** [ANN95, AOK09, AMSK04, BCR98, CXN06, CNT05, DP06, Din06, GAG96, HWWX99, JJ09, KZN07, KSME08, KyK09, KCW09, KPR05, LJCL08, MEKOT03, RC95, RK08, RH04, SKJ07, SBK02a, SBK02b, SRS93, SRD08, TF96b, VVR07, XCZ02, XL08, XQ08, YMP08, ZWX06, PJC93]. **Resource-Aware** [VVR07]. **Resource-Constrained** [GAG96, ANN95]. **Resources** [BcFGM08, DP01, FLZ09, GKK05, SJKC06]. **Respect** [SLH97]. **Respective** [FMR07]. **Response** [CN04, KA09, LLTW08, LLX06, Var01, TRS90, WCS92]. **Responsive** [LAV03, Sun02, WLL⁺07]. **Restart** [CLS04]. **Restoration** [AYA09, FCF00, MAJ⁺07]. **Restoration-Based** [MAJ⁺07]. **Restricted** [FZVT98, GZ09, NO97, CCJ02]. **Restructuring** [CK08, DKKS04]. **Results** [BCL⁺05, CCY96, FCF00, Fei05]. **Retiming** [CDR98, CS97a, PS96a]. **Retrieval** [LC04, MZA02, SC07, ZYKG07]. **Retry** [CF01]. **Reuse** [PDH06]. **Revenue** [LJCL08]. **Reversible** [LF03]. **Reviewers** [Ano99a, Ano00a, Ano01a, Ano03a, Ano04e, Ano05a, Ano06, Ano07b, Ano08b, Ano09a]. **Rewriting** [SF07]. **RFID** [MLSS07]. **RH** [Zia94]. **RHiNET** [KWOA05]. **RHiNET-2** [KWOA05]. **Riding** [LYW08]. **Right** [SF09]. **Ring** [ABC⁺01a, BK09, CC93a, LW95b,

TCS97, UKY98, ZYC95, ZY95].
Ring-Based [ZYC95]. **Ring-Connected** [LW95b]. **Ring-Like** [BK09]. **Rings** [Ano99f, HGC05, HLH04, KY97, LH01, PK99b, SCL00, YCTW07, VB93]. **RIPS** [SW96]. **Ritz** [Gre98]. **RLE** [EAF00]. **RLE-Compressed** [EAF00]. **Robin** [KSP02, LMS04, ZY07]. **Robust** [AKNR⁺04, CPX06, EVW07, WLL⁺07, ZH07b, LY94]. **Robustness** [AMSK04, PR05b]. **Role** [CHC09]. **Role-Based** [CHC09]. **Rollback** [CY96b, TKT92, TKW98]. **Rollback-Recovery** [CY96b]. **Rolling** [AT01]. **Root** [Fei05, CF94, LH93]. **Rotation** [SY97]. **Rotations** [MBM98]. **Rotator** [Cor92]. **Round** [KSP02, LMS04, ZY07]. **Round-Robin** [ZY07]. **Rounds** [Gen00]. **Routable** [YW00, YW03b]. **Route** [PDH06, SCK00]. **Routed** [BP98, CFKR98, FR96, FF98, HÖ00, HK95, KLS00, LMN95, RMC95, SS07, SCL01, jTM96, TG96, TPL96, TLGP97, TWH99, XGN97, ZL05, MXEN94, jTM97]. **Router** [CCQ⁺05, DSY99, MBW02, PGBI03, SDFV96, WHM09, YKDV02]. **Routers** [BC99, Chi98, HDF07, LBC03, Tze04, Tze06, WS03, WFS09]. **Routes** [MAJ⁺07, WZP⁺03]. **Routing** [AM95, AS00, Ano98b, Aro00, BcFGM08, BRS07, BC06, BHL⁺07, BC96, BCR98, BRS97, BC95, ÇF99a, CC97, CC01, Chi00, CKWC08, DSY99, DDY99, DS03a, DZ04, DS05, DY05, Dua95a, Dua95b, Dua96, Dua97, DP01, FYS05, FG06a, FG06b, GZ06, GZ09, GY95a, GN96, GJDA06, GO97, GG95, GYS05, GS03, HÖD99, HW97, HH95, HZ96, JZXX99, JKA07, KP01, KLC97, Kuc01, KPC09, Lan95, LO95a, LC96b, LW09a, LWC⁺09, LMN95, LW09b, LW09c, LZ05, LSRT06, NOZ01, NOZ02, NS95a, NSZ02, OKSA01, PHKC09, PSK99, PDH06, PG07, QNR99, RS97a, RS98, RRRM09, RE09, RS97b, RLD03, Sah00a, SRD04, SyFL99, SC07, SCP99, SD00a, SGL06, SL01a, SL01b, SSsLY03, THH08, TW98, TL06, TR06, TW00, Tze06, UFS96, VDS99, VSD01, VB96, VS11, WL97, WO04, WWLS08, WMN99, Wu98, WA99, Wu00]. **Routing** [Wu02, WYD07, Xia01, XLPH06, XJZZ00, YW99, YW03b, YW05b, YWY08, AV94, BR91, CS90, DA93, Dua93, GPBS94, LMN94, MS93, MC93, OS94b, PGDS94, PGFS94, SC93, ST93, SCD97]. **Routeings** [KWOA05]. **Row** [LC96b, NO98, SP93]. **Row-Column** [LC96b]. **row/column** [SP93]. **Rows** [BOPZ04]. **RS** [BGBP01]. **RS/6000** [BGBP01]. **rStream** [WL08b]. **Rule** [WMB96]. **Rules** [BS08, JZ04]. **Run** [LCB00, LLY05, RP99, RRFH98, WBO⁺01, RWF94]. **Run-Time** [LCB00, RP99, RRFH98, RWF94]. **Running** [AV96, HS98a]. **Runtime** [ASS95, BCG04, HW08, LP07, LLGS09, MF01b, PSC⁺95, SW96, TEF07, Wu97b, XC01, YZZ00].
S [HK98]. **S-to-P** [HK98]. **SACCS** [WDCK04]. **Safe** [Mic04]. **Safety** [Kin06, SJ99, Wu98, Wu00, Xia01]. **Sampling** [GLY07]. **SAMR** [SCP02]. **Sapphire** [BES06]. **SARA** [JASA08]. **Satisfying** [TTB⁺00]. **saturation** [SS90]. **Scalability** [AF05, BG02, DF09, GKS95, JW00, KW08, LZTY09, SR94, GK93]. **ScalaBLAST** [ON06]. **Scalable** [AGGD04, AGGD05, Add97, AK99a, AGL⁺98, AAB⁺00, BBC⁺95, BS96, CCSC09, CF08, CPhX04, CHHC06, CYD98, CMDP09, DPH08, DZHG04, FBD96, FMG02, GWL97, GKK97, GKG06, HK98, HDF07, JTC08, KSWR03, KSA94, LCGC07, LXL08, kLCC⁺06, LJLN07, LNO⁺00, LXN07, LW09b, LWN98, LQZ09, MD97, MG09, MJ06, ON06, PAM95, PKJ97, PG07, RS08, SH95a, SYC03, Tze04, Tze06, WDCK04, WL00, WH03b, YN00, ZL07b, ZH07b, ZP07, GP93, KCPT96, LB94, MB92]. **Scalar** [BWS⁺05, GS91]. **Scale**

[BB05, BG09, CY00b, DvdMK09, EDO06, GMCB01, GY09, HL09a, KMG03, KCW09, LCGC07, LC95, LK04, MY07, MA01, MMJ03, SkLC⁺03, VVR07, WHM09, XHYL05, ZYKG07, SG93, YTB92]. **Scale-Free** [GY09]. **Scaling** [FZVT98, HWWX99, KSME08, SGL06, WZZ09]. **SCALLOP** [CHHC06]. **Scan** [YLW07, Yi09]. **Scan-Based** [YLW07]. **Scatter** [Ian97]. **Scatternet** [LSW04]. **Scatternets** [TSK06]. **Schedulability** [AA09, Bak05, BCL09]. **Schedule** [LDCO08, SC94]. **Scheduler** [CC95, SKJ07]. **Schedulers** [BCF⁺08, SF09]. **Schedules** [BOC09, COS00, Ros02, JR94]. **Scheduling** [AS99, AK98, AK99b, AAD08, AM06, ABK98, Ano04c, BA04, BcFGM08, BBC⁺04, BKS03, BBD00, BCL⁺05, BCL09, BMR99, BOC09, BE07, CCQ⁺05, CG08, CRS06, CS08, CS97a, CV08, CRN09, CYY00, CKC08, CJPW06, CMR07, CFR99, DA98, DDP⁺98, DWX09, DÖ02, DVV07, DZH05, DMKJ96, DNSC09, EK95, EDO06, FYP07, FFPP05, FH03, GRY07, GKK05, GMM97, GVV09, GRT97, HKL00, HHL08, HS08, JSWB97, KSP02, KGM96, KA06, KB06, KLH07, KA96, KC98, LLTW08, LKHL03, LZ08, LMS04, Li08, LWJ06, LWXS06, LDG04, MLS94, MM98a, MM98b, Mha09, MF01b, PAM95, PM96, RvG02, RRX09, Ram95, RLW⁺07, RJ96, RBSP02, SD04, SS94, SJPL08, SZ02, SZXS05, SP98, SM03, SW96, SS05, SSS06, SP05, SCW07, SS00, SSZ06, TSAL97, TGV08, TD01, TTB⁺00, THW02, VRKL96, VM04]. **Scheduling** [VVR07, VKS⁺09, WR04, WWLS08, WSB09, WMWL08, WF03, WTCY95, Wu97b, WSG01, WYJ⁺04, XU01, XZNX08, YG94, YF97, YKS03, YvdRC05, ZLAV04, ZSMF01, ZFMS03, ZY04, ZX04, ZMC03, ZMM04, ZCO98, ZWM99, AM93, AMAM94, DR94, EG93, Fos91, HAR94, KLDR94, KS93, LC91b, Lil94, ML94, OD93, PLW96, RSS90, SL93a, SL93b, SL93c, TN93b, YJZ97, ZLE91, ZA93]. **Scheme** [BHJ02, BG09, CCSC09, ICL95, CC01, CC98, CC99, CL05, DS05, DWX09, EKOAW02, FYP07, FT97, FI95, HCHM09, HS98b, HPH08, KCD07, LCL03, LJW⁺07, MCL⁺07, PAM95, PK99a, Sjd⁺09, SFP03, SZ95a, TS98, TJ08, TD01, WDCK04, WX07, XTL08, YYS97, YGE06, YG08, vdMDM07, AM91, CA93, HMR94, JS90, KDL91, LHS92, LC91b, MB92, SB94b, TH93, TN93b, YK92]. **Schemes** [AJ95, ADG06, CSR07, DF99, GBD07, HS99a, HW97, JO95, PSGD05, PPD03, SS96, Tos07, TYK99, VB96, WT08, CYW94, CO94, RJ94, SL94, SH93, ST93]. **Schur** [ME95]. **Scientific** [CH04b, CMBAN08, HT06, MLW06, NKP⁺96, PF08, SkLC⁺03]. **Scope** [JGZW08]. **Search** [AfAGR00, CW06, Che95b, CLY08b, CJLN09, CBDW96, JTP⁺08, JGZW08, KLH07, LLSZ08, LLWC09, MD97, PWW00, RBSP02, SVP08, WX07, WZZ09, WSG01, ZYKG07, ZH07a, ZH06, AM90, CS90, KK94]. **Search-Based** [KLH07]. **Searching** [MTK06]. **Second** [ZCL04, MCH⁺90]. **Second-Level** [ZCL04]. **Secondary** [WRB09]. **Secret** [NW98]. **Section** [ACM08, AAB06, ABC01b, CRS06, GZ03, IT07, ON02, OSRS06a, OSRS06b, PP05, SR99, Zha03, HK91]. **Sections** [HK06]. **Secure** [AKNR⁺04, GBC⁺07, HCHM09, KYB08, Lee06, MMJ03, STY09, SGB08, WCBX06, ZZMN07, vdMDM07]. **Securing** [PZZ09]. **Security** [BHL⁺07, KPC09, LAV03, LK07, SF07, XQ08, Zha03]. **Security-Aware** [XQ08]. **Segments** [CW02b]. **Selectable** [HJB⁺09]. **Selecting** [Qua01]. **Selection** [AFAGR97, AMY09, BW96, CH04a, CB03, GS03, KCW09, NSU97, RS97a, RS98, SCK00, WH03b, YK09, YR06, ZF07, BLO⁺94]. **Selective** [CKC08, LA93]. **Self** [CDV⁺06, DW04b, DAMK06, DB08, DIM97, DS03b, FG06a, KY97, Kar01, LH03, MS99b,

SP07, TLM04, TH06, TNPK01, TK96a, UKY98, WLZ08, YW99, YW00, YW03b, Fos91, SH95b, TN93b]. **Self-Control** [TK96a]. **Self-Optimization** [TK96a]. **Self-Organizing** [CDV⁺06, SH95b]. **Self-Pruning** [DW04b]. **Self-Regulating** [SP07]. **Self-Routable** [YW00, YW03b]. **Self-Routing** [FG06a, YW99]. **self-scheduling** [Fos91, TN93b]. **Self-Stabilizing** [DAMK06, DB08, DIM97, DS03b, KY97, Kar01, LH03, TH06, TNPK01, UKY98]. **Self-Synchronization** [MS99b]. **Self-Tested** [MS99b]. **Self-Tuned** [TLM04]. **Selfish** [KHS07, LTZS06, LSB⁺07, LW09a]. **Semi** [ABRY03]. **Semi-Oblique** [ABRY03]. **semijoins** [CY92]. **SenCar** [MY07]. **Sensing** [CLW03, FG06b, RLW⁺07, XLPH06]. **Sensing-Covered** [FG06b]. **Sensitive** [CS02b, WD06, YK03]. **Sensor** [AYA09, AD08, AD09, BK09, BBS⁺09, BS08, CHA07, CYW08, CBM⁺07, CY06, CPX06, CH08, CTF09, DLS09, DWX09, GLY07, GBC⁺07, HSLA05, HCHM09, ISRS06, JN08, KZN07, KPK09, KS08b, LDCO08, LCN⁺07, LRS02, LWJ06, LWXS06, LH06b, LWP07, MGZN07, MCL⁺07, MY07, MZT08, MZA02, RLW⁺07, RE09, SKS02, SJd⁺09, SRZF04, TX08, TN08, WT08, WLZ08, WWWA09, WLZN07, WCD08, XCZ08, XTL08, YLW07, Yi09, YGE06, YYY09, YKP08, YG08, ZS09, ZPY06]. **Sensor-Actuator** [RE09]. **Sensors** [LWJ06]. **separable** [SP93]. **Separating** [BOPZ04]. **Separation** [BPT03]. **Sequence** [JTP⁺08, LSVMW07, MQ97, RA04, YFM98, CY92]. **Sequence-Search** [JTP⁺08]. **Sequences** [CCSC09, MDL06]. **Sequencing** [Bar98, BGM94]. **Sequential** [BGJ06, CHJ⁺07, DDS95, DS96, Qad03, QCC99, SZ02, HMW93]. **serializable** [AG96]. **Series** [DL02, LCN⁺07, TR04, ZCSY08, MM96]. **Series-Parallel** [DL02]. **Server** [ASB02, AFM02, CB05, CT08, CGL07, CYD98, DDV⁺07, GB06, LLY04, QR07, RSG06, RJ05, SBK02a, SBK02b, VR05, CR94, ICT93]. **server-based** [CR94]. **Servers** [GB00, GMCB01, KK03a, KCD07, LL02, LKKS05, LLA⁺06, RAHM05, RNKZ03, SD04, Tse05, WZP⁺03, ZRS⁺05, ZX04, ZWX06, KGM96]. **Service** [AOK09, AMH08, CPM07, DHN95, DAMK06, DS03b, FZGC06, GMS09, KKS07, KSC03, LJLN07, LLA⁺06, LZTY09, MAS08, PS08, RAHM05, RE09, SY07, SL09, SS07, TJ08, YWY08, ZF07, ZX04, ZWX06, ZZMN07, ZJ99, AT07, CR94, CSR⁺09]. **Service-Centric** [YWY08]. **Service-Driven** [RE09]. **Services** [AK99a, CLY08a, DZHG04, GRY07, KSC03, KSWR03, LAS04, NGB⁺05, RS08, RD09, SYC03, WZZ09, ZH07c]. **Session** [ZWX06]. **Session-Based** [ZWX06]. **Set** [AMP07, BSCB09, DW04a, DMR01, DP01, LH03, WM95, Wu02, WCDY06]. **Set-Associative** [WM95]. **Sets** [JB01, KWL⁺09, OZ96, PPR99, RD98, SSZ02, Sto04, Wan04]. **SFC** [SCP02]. **Shape** [GDK09, HS02]. **Shaped** [RR02]. **Sharc** [US04]. **Share** [FLZ09]. **Shared** [AD98, AGGD04, AAS03, AKN95, Bor00, Cha96, CH04b, DDS95, DS96, FB01a, FT97, GP99a, GMR98, Hol98, HS98b, KH04, KL01, KA05, LP96, LT97, LBC03, MA01, McK98, MP97, PC05, PPBSA97, Qad03, QD05, RGK09, RD98, SLEV03, SNI02a, SNI02b, SZ95b, TF96a, US04, VGGD94, WH95, YL97, ZYC95, AH93, ABJ⁺93, And90, BIA⁺97, CR90, DC95, Don91, Geh93, GH93, Gup92, IT93, IC92, KCPT96, Lil94, ML94, SL93c, WFP90, YJZ97, ZLE91, ZSLW92]. **Shared-Bus** [GP99a, LP96]. **Shared-Memory** [AGGD04, AKN95, DDS95, DS96, FT97, GP99a, Hol98, HS98b, KL01, LT97, MA01, McK98, PPBSA97, Qad03, QD05, SLEV03, WH95, YL97, ZYC95, AH93, DC95, Gup92,

IT93, KCPT96, ML94, SL93c, YJZ97].
shared-money [And90]. **Shared-Nothing** [RD98]. **Sharing** [BCdSFL09, DYJ97, GG09, GP99a, HKS⁺07, KCRB03, KA06, KyK09, LKKS05, LL06a, LL06b, LYW08, MTL95, NW98, RS08, SH96, VR05, WX07, DY93, GDI93, HK93, KK92, LY94, SH93, SH94]. **shift** [LO95b]. **shifts** [RS90]. **Short** [GZ06, STY09, KGMB94]. **Short-Lived** [STY09]. **Short-Path** [GZ06]. **Shorter** [UFS96]. **Shortest** [FH97, LR96, ZH98, SCD97, TR93]. **Shot** [FMR07]. **Shrinking** [JL99, JS93, SKF94]. **Shuffle** [FG06a, BCH94, Pad91]. **shuffle-exchange** [BCH94, Pad91]. **Side** [TCC05]. **Signal** [HXA96, KKC03, DFD93]. **Signature** [CCSC09, TC07]. **Signature-Based** [TC07]. **Signatures** [NW98]. **sim** [RFDS97]. **SIMD** [AGWFH97, AS96, BCJ90, CFW98, KK94, Nas93, NSD⁺91, NSD93, PH96, RS90, SR98, SW95]. **SIMD/MIMD** [BCJ90]. **SIMD/SPMD** [NSD⁺91, NSD93]. **Similarity** [WZZ09]. **Simple** [BAH01, COP00, EW97, Hsi03, KM01, KAY⁺06, SC93]. **SimpleFit** [MYA01]. **Simulated** [CFW98, HM95, LL96, Soh95, BJS90, EG93, NZ95, WCF91]. **Simulation** [BT00, BG09, CCP95, DHN96, FZVT98, GY95b, NL02, QCC99, Qua01, QS03, SSP⁺09, SF09, SE98, TK96b, WHL95, XC04, HN93, HE92, HB92, Kum92, KH93, LL90, Nic92, RB90, ZL96]. **Simulations** [MLW06, Sah00b, SF08, SGTP08, NGL94, PGFS94]. **Simulator** [PPR95, RFDS97]. **Simultaneous** [LPE⁺99, FC91]. **sine** [MM96]. **Single** [CLW03, DZ04, GBD07, GS08, NO00a, SL01a, BGM94, Rao96]. **single-fault** [Rao96]. **Single-Hop** [CLW03, DZ04, NO00a]. **single-level** [BGM94]. **Single-Packet** [GS08]. **Single-Path** [SL01a]. **Single-Path/Flooding** [SL01a]. **Single/Multiclass** [GBD07]. **sites** [Tho93]. **Situ** [MCL⁺07]. **Size** [DS03a, LZ02, LH01, OPZ99]. **sized** [Pad91]. **Sizes** [Sca99, YA93]. **skew** [EA93, WYTD93, WDY93]. **Skip** [WL08a]. **Slack** [MZ05, ZMC03]. **Slave** [BBC⁺04, BLR03, KA06]. **Sleep** [DWX09]. **Slices** [MGQS⁺08]. **Slicing** [MSG07]. **sliding** [SA93]. **Slowdown** [FB01a]. **Small** [HLL09, LLSZ08, YM95]. **Small-World** [HLL09]. **Small-World-Based** [LLSZ08]. **Smaller** [KP96, UKY98]. **Smart** [CB03, JGA08]. **Smoothing** [KgCS04]. **SMP** [YZZ00]. **SMPs** [LK04]. **SMT** [BG02, WSB09]. **SNAP** [DM93, MLL92]. **SNAP-1** [DM93]. **Snapshot** [LCN⁺07]. **Snapshots** [HMR99, NX95]. **Snooping** [LK04, SPC⁺02]. **SOCNs** [WL00]. **Soft** [HJS⁺06, KGM97, KgCS04, CD94, KGM96]. **Software** [CDR98, CL05, EBS04, GAG96, JJ09, KIBW99, KABK03, KA05, LPE⁺99, LBC03, MBTPV06, PBA03, SDDY00, WDY98, XGN97, ZLKK07, ANN95, WF94]. **Software-Based** [SDDY00, ZLKK07]. **Software-Directed** [LPE⁺99]. **Solution** [BSCB09, Che01, LC99, Liu08, CARW93, You93]. **Solution-Adaptive** [LC99]. **Solutions** [Bar98, BAH01, CCQ⁺05, LLY07, Sto96, KST94]. **solvable** [YK96a]. **Solve** [CHC04, FMR07]. **Solvent** [FARH02]. **Solvers** [SZ04, WH95]. **Solving** [KBD08, Liu08, MSG07, MBM98, NCV05, PK95a, PK95b, THT⁺97, O'H91, RJ90]. **Some** [Lee06, THT⁺97, TC95b, O'H91, WC90]. **SORD** [AOK09]. **Sort** [LB00b, OPZ99, AOB93, WDY93]. **Sorted** [Che95b, HNO98a]. **Sorter** [PK99a]. **Sorting** [BGO⁺98, CS92, DSO02, DCSM96, FE97, HW97, LB95, NS95b, OPZ99, RS97a, RS98, CO94, GG94b, Lin93, MN92, XB93]. **Source** [CTF09, GYS05, MM07, XZG09, YLL⁺07, CSC07]. **Source-Code-Correlated** [MM07]. **SP** [BGBP01]. **SP2** [HXA96, MF01b]. **Space** [AB07, BA07, CDV⁺06, CL05, KABK03,

KYD⁺07, LB00a, LP07, MCG08, RA04, SP07, WCLF95, KM91]. **Space-Time** [LB00a, LP07]. **Spacefilling** [PB96]. **Spaces** [BCdSFL09, GAK03]. **Spam** [CWLR09, LZR09]. **Spam-Resilient** [CWLR09]. **Spanners** [ALW⁺03]. **Spanning** [Ano99h, Avr99, CTS96, DPN09, EVW07, KPK09, KWH03, LS96, LWN98, YCTW07, GM94]. **spare** [AM91]. **Sparing** [TM97, Tho06]. **Sparse** [BW96, ÇA99, FJY98, GKK97, UZCZ97]. **Sparse-Matrix** [ÇA99]. **Spatial** [JN08, KCRB03, WDY98]. **Spatiotemporal** [HSLA05, LWP07]. **Special** [ACM08, AAB06, Ano97d, Ano97b, Ano97c, Ano98c, Ano98b, Ano01b, Ano01c, Ano01d, Ano02b, Ano03c, Ano04c, Ano04d, Ano05c, Ano07c, Ano08c, Ano09c, Ano09b, ABC01b, CRS06, GZ03, IT07, ON02, OSRS06a, OSRS06b, PP05, SR99, Zha03]. **Specific** [BJM⁺05, GW96a, HP06, Pak07, PHKC09, Pre99, BGO⁺97]. **Specification** [FB01b, GCCC⁺04]. **Specified** [PSC⁺95]. **Specifying** [HW91, SPC⁺02]. **Speculated** [SCL05]. **Speculation** [KA05]. **Speculative** [BF04, CL05, CASM07, KL01, MGQS⁺08, RP99, Soh95, TKVD02, VGSS01, MR94, WCF91]. **Speed** [CBD⁺01, Chi98, FZGC06, Li08, MNM04, ZMC03, Ant94]. **speedup** [KH93]. **Speedy** [Tze06]. **SPIFFI** [FBD96]. **Spilling** [CHJ⁺07]. **Spin** [JH97, KM01, LLS06, And90, ZLE91]. **Spline** [GM97]. **Split** [Agr99, SS08, SM03]. **Split-Path** [SM03]. **Split-Phase** [Agr99]. **Splitting** [MLSS07, XB93]. **SPMD** [CG02a, CG02b, NSD⁺91, NSD93]. **Spoken** [GR94]. **Spot** [LC95, OKSA01, ZYC95]. **Spots** [WSNA95]. **SPP1000** [AD98]. **Spreading** [JL99]. **Square** [BGO⁺96, LZ02, LH93]. **square-root** [LH93]. **Squares** [KP93b]. **SSL** [KCD07]. **SSW** [LLSZ08]. **Stability** [FMG02]. **Stabilizing** [DAMK06, DB08, DIM97, DS03b, KY97, Kar01, LH03, TH06, TNPK01, UKY98]. **Stable** [Kin06, PK99a]. **Stack** [SSP⁺09, WM95]. **Stage** [BOC09, HK93]. **Staggered** [Vai99]. **Stale** [Dah00]. **Stamp** [XC01, Var93]. **Stampede** [RNR⁺03]. **STAP** [HWWX99]. **Star** [AAD97, BDL95, BCL⁺05, CTS96, CC97, ISAZM09, SS96, SBS98, SWC95, TCS97, YV98, dBL98, BFP96, DT94, FA94, LB94, Lat94, MS92, MJ94]. **Stars** [DS03a, MR06, Sah00a, Sah00b]. **Start** [CLS04, SY98]. **Start-Up** [CLS04, SY98]. **Starting** [PK92]. **State** [CLJ⁺04, LZ08, SKB04, SNI02a, SNI02b, THH08, TK96a, YL08, MS94b]. **Stateless** [DZHG04]. **States** [Lai00, UKY98]. **Static** [CD94, GvG06, KBC⁺01, LWC⁺09, NLW99, PP96, RWF94, SS00, WLZ08, WWLS08, LK94, SB94b]. **Static-Dynamic** [SS00]. **Stations** [XLW⁺06]. **Statistical** [BES06, CGK04, CS97b, KS03, LLY05, RD98]. **Statistically** [KS01]. **Statistics** [Yi09]. **steady** [MS94b]. **steady-state** [MS94b]. **Stealing** [Ros02, RH04]. **Steering** [PSGD05]. **Step** [TC95a]. **Stitch** [KSP09]. **Stitching** [KS08b, KSP09]. **Stochastic** [BHL⁺07, CLB08, GvG06, TS98, YXW03, BCBzC92, KS93, JASA08]. **Stop** [CD08]. **Stopping** [DGFHR03]. **Storage** [AMS97, CGM05, FRGJ07, HNY02, KDW01, Kin06, LLL09, MKR00, MR03, MJ98, MJRS06, Var01, XTL08, ZBJ⁺05, ZJWX08]. **Storages** [XRY09]. **Store** [Dua96, WYD07]. **Store-and-Forward** [Dua96]. **Store-Carry-Forward** [WYD07]. **Stored** [LAV03]. **Strategies** [BBC⁺04, GB00, GKK05, GLV06, LLGS09, MD97, SP95, TCO01, TX08, VVR07, WLR93, BL91, CV92, LY94, Lil94]. **Strategy** [BKS03, CG08, CW00, CPM07, DP02, GBD07, KKGS01, MTL95, YL97, AGE94, HC92, SC93]. **Strategy-proof** [CG08]. **Stream** [GN06, RNR⁺03, RGK09, SKCL09, YY95, YYX⁺09].

Stream-Oriented [RNR⁺03]. **Streaming** [BSS09, CZLM09, DF09, ILL07, LJLN07, LSVMW07, PS03, TJ07, TJ08, WL08a, WLL08, WL08b, YM09, YK09, ZL07a, ZXZ⁺09, ZX04]. **Streams** [BHJ02, CW02a, CH07]. **Stretch** [GZ09]. **Stride** [DS96]. **String** [ACT06, BM00b]. **Striping** [HJH02]. **Strong** [HC09, JS98, Kar01, GW96b]. **Structure** [BW96, DPN09, JJ07, TAKB06, Sin92]. **Structured** [ASS95, BRTM09, CT08, HY01, HZ96, LP07, PB96, PDH06, PZZ09, SX07, WH95, ZCSY08, Bil94]. **Structures** [CAZ04, CSR07, DB06, HLL09, HALT95, PR05a, EA93, GDJ94, HN90, LHS92, MS91]. **Structuring** [SM94, AN93]. **Studies** [ZWM99]. **Study** [AD98, CY00b, CGL07, Fei05, LS06, MTM02, NN96, SSRV99, DT94, DI95, EMS90, KH93, LY94, SLY90]. **Studying** [CKK⁺04]. **Style** [GKG06, CR90]. **Subarray** [Par01]. **Subcube** [ICL95, CT97]. **sublinear** [KST94]. **Submesh** [yCM98, CH01, CC99, KY98]. **submeshes** [CT94]. **Subnets** [WYWZ08]. **Subnetworks** [ASD04]. **Suboptimal** [DD95]. **Subscribe** [ZH07c]. **Subscript** [SK95]. **subsequence** [LL94]. **substitutional** [TC94]. **Substrate** [HKS⁺07]. **Subsystem** [LP96]. **Subsystem-Oriented** [LP96]. **Subtasks** [TSAL97]. **Successive** [Gre98, PF96]. **Sufficient** [Dua95a, Dua96, NX95, VS11]. **SUIF** [MSH00]. **Suite** [RE09]. **Summation** [DS03a]. **Sums** [BM00b, LNO⁺00, LNOZ03]. **Super** [JZ04]. **Super-Programming** [JZ04]. **Supercomputer** [Ste96, TAKB06]. **Supercomputers** [ADG⁺08, WNKS96]. **Supernode** [GDK09, HS98a, HS02]. **Superpeer** [XZL05]. **Superposition** [PF96]. **Superscalar** [CC95, DF99, WB98]. **Support** [CCQ⁺05, CASM07, DZH04, GBD07, LCB00, LNY03, MAS⁺07, MFLX01, MX03, PSC⁺95, RH04, SYC03, SKPS01, SSZ06, TN08, RSV90]. **Supported** [ZL07a]. **Supporting** [BS95, DR98, SY07, SZ95a, YDW⁺09, YMG03, ZN04]. **Surface** [FARH02]. **Surfaces** [AB07, GM97]. **Surveillance** [LWJ06]. **Survey** [MP97]. **Survivable** [THH08]. **Sustained** [NK08]. **Swapped** [CXP09]. **Sweep** [GRS99]. **Switch** [KP01, Lai00, MGA⁺09, NGM97, SSP00, SSP02, YA93]. **Switch-Based** [KP01, NGM97, SSP00]. **Switched** [FYP07, HÖD99, LSC95, PC96, PS96b, SJM09, VM99, WR04, Bok93, HC92]. **Switches** [AH06, HS08, Mha09, QNR99, TC93]. **Switching** [DSY99, FZGC06, HDF07, LMS04, LL06a, LL06b, LZ05, MAS08, SO95, SV97, TZ97, Tze04, YW04, YJHG06, LO95b]. **Symbiotic** [HY96]. **Symbolic** [BE98, FS00, KP09, TNPK01, vG03, Lar93]. **Symmetric** [CS08, EP05, LK04, SY93, TC93, HK94]. **Symmetric-Key** [EP05]. **Symmetrical** [ÇF99a, HCYL06]. **Symmetries** [JK99]. **Synchronization** [BHJ02, CY99, Che01, CS95, CS96, CLS04, FR96, Gup92, HM95, HLH04, LH01, MX03, MS99b, NL02, OS02, SH95a, SC05, SCL01, YK98, ZL07b, dB98, Arv94, OS94a, TB94]. **synchronized** [AC92, RS94, TKT92]. **Synchronous** [AV96, FR96, FH03, LL96, MS99a, PN95, SZ95a, XL96, XC04, YXW03, ZS95b, AAG94, MS91]. **synchrony** [RPW93]. **syndromes** [LS94c]. **Synthesis** [BB05, BJM⁺05, GW96a, RJ96, VJ93, UEA95]. **Synthesize** [LKK02]. **Synthesizing** [AGWFFH97, LRG99, SC91, CTC93]. **System** [ANKA99, AM06, AMP07, BM00b, CLJ⁺04, CBE93, CT07, CF99b, DSO02, DR98, FBD96, FI95, GWYS08, HM98, HCC06, ILL07, JTP⁺08, KGM97, LM06, LPZ98, LBS05, Lop02, MJ98, MNM04, MX03, MRT09, NN96, PH96, Par01, PC05, PS03, RMO⁺95, SFP03, SSRV99, SC05,

SMH02, SSZ06, TSAL97, TEF07, WHW05, WMXZ06, XZG09, XL08, YYX⁺09, ZSMF01, ZF07, ZH07b, Bil94, BCJ90, CV92, DI95, GH93, KS93, LKG92, LC91b, ME93, MCH⁺90, TV92, Tze93, VGGD94, YD94b].

System-Generated [TEF07].

System-Level [ANKA99].

System-on-a-Chip [LM06].

System-on-Chip [XL08]. **systematic** [UEA95]. **Systems**

[AS99, ASB02, AJ95, AAD08, AJMJS03, AM95, AMPR01, ABS01, Ano98c, Ano07c, Ano08c, ADD⁺02, BQF99, BDvD98, BGBP01, BKS03, BBD00, BP96, BP98, BMR99, BJM⁺05, BHJ02, BG09, BHK⁺97, BE07, BRTM09, CW06, CS98, CS01a, CS01b, CS02a, CCY03, CG08, ICL95, CT02, CT08, CY96b, CRN09, CYY00, CGL07, CLS04, CYD98, DYJ97, DMR01, DHN95, DHP⁺07, Din06, DL02, EAK97, EBS04, FRGJ07, FH97, FZGC06, FG06a, FO05, GCCC⁺04, GMM97, GBD07, GVV09, HL08, HHM⁺00, HSH⁺99, HCD97, HT07, HNY02, HW08, JL99, JNGS06, JO95, JJ09, JW00, KHM05, KMG03, KL99, KLH07, KSME08, KCW09, KH97a, Kum92, KMW08, KBD08, KK03b, KC98, LKHL03, Lee06, LZ08, LJLS09, LT97, LLS06, Li07, LXL08, LYW08, LLL09, LXL⁺05, LLX06, LWJ06, LS06, LWK05, LC02b, MKR00, MZ05, MM98a].

Systems

[MM98b, MMJ03, MG09, MOFD05, MROD07, MP97, MS99b, MJ06, PAM95, PR05a, Par95, PBA03, PP95, PABD⁺99, PS96c, PPR95, QM97, RGK09, SO95, SZXS05, SJM09, SF09, SSP00, SCO⁺07, SP03, SJ99, SvVB05, SPF99, Sun02, SZ04, SS09, SR99, TF01, TT01, TF96b, Var01, VV99, VVR07, WCLF95, WXLZ06, WCBX06, WJLK07, WL00, WMWL08, WDY98, XHYL05, XL08, XB98, XRR00, YJ97a, YJ97b, YW98, Zha03, ZS98, ZMC03, ZMM04, ZH05, ZH06, ZJWX08, ZP07, ZCO98, ZWM99, dSF03, vG03, vDSP96,

ATG92, AC92, AMAM94, AG96, Arv94, CARW93, CR94, CO95, CH92, CTC93, CYW94, CPA93, CT94, DC95, EMS90, Fu97, GMG96, Gup92, Har91, HK93, IK93, ICT93, IC92, KP93a, KK93b, KE90, LS94c, ME92, MB94, MSMA90, MMSA94, OSS93, OS94a, Pan93, RSS90, Rao96, RJ94, SST94, SRS93].

systems

[ST91, SH93, SH94, SM94, Sin92, SW92, TKT92, VJ93, VJ94, WC90, WS93, WM93, WG90, YJZ97, YK92, ZLE91, Zia93, Ano02a].

Systems-on-Chip [BJM⁺05]. **Systolic** [CW02a, EAF00, LSBS98, MF96, SH95b, BW94, Cap92, IS90, LK90, SC92].

systolic-based [BW94].

Table

[Ano00b, Ano00c, Ano01f, Ano01g, Ano01h, Ano01i, Ano01j, Ano01k, RBSP02, Tze06].

Tables [RHM09]. **Tag** [MLSS07].

Tag-Splitting [MLSS07]. **TARA** [KZN07].

Target [LWJ06]. **Targets** [KK03a]. **Task** [AS99, AK98, Ano09b, CKC08, CCD⁺09, CYD98, DNSC09, FH03, GvG06, HKL00, HÖ99, HW08, HC97, JR03, JL99, JJ09, KA96, Lat94, LS97, LKHL03, Lee06, Li08, PLW96, RvG02, RSB97, RRG07, SS05, SSS06, SJ99, TGV08, THW02, YF97, YYS97, YD95, CO95, DC95, DK92, GY93, MKH91, SS94, SW92]. **task-based** [DK92].

Tasking [BBC⁺04, SMBT90, STMD96].

Tasks [AAD08, ACD⁺09, BA04, BCF⁺08, CFR99, EK95, GMM97, HP07, KA06, LWK05, PH05, Ram95, Ros02, SJPL08, GO93, KK93a, YG94]. **TCP**

[LLY07, FYJ⁺09, WFS09]. **TDMA**

[CLS04, LDCO08, WWLS08]. **Team**

[BKB96]. **Technique**

[CY96b, CHB98, CB00, CN02, CN04, Deb96, DDV⁺07, GAK03, HCYD01, KA09, KHY09, KAY⁺06, KA96, MZ05, MAS⁺07, PF96, Rob04, SX03, TL06, CTC93, KGS94, MKH91, RM90, SL93b, TN93a, TC94].

Techniques

[Ano04c, BB05, CRS06, JZXX99, KB06, NZP03, PP96, PBA03, PK04, SC07, SJM09, SZ03a, CS94, GS91, GB92, KN95, RS91a]. **Technological** [BP96]. **Technology** [BBR07]. **template** [SSG91]. **template-based** [SSG91]. **Templates** [ADD⁺02]. **Temporal** [CW06]. **Teng** [YYX⁺09]. **Termination** [DTE07, LT97, TT01, XL96, LW95a]. **Test** [FI95, PW95, RP99, HISS94, KKP91, PKK93, WT92, KKP91]. **Test&Set** [ST99b]. **Testbed** [NN96, VDS99]. **Tested** [MS99b]. **Testing** [BE98, HALT95, KR00, LC94, Pak07]. **tests** [Uht92]. **Text** [HM98]. **Textured** [HH95]. **Their** [HCD97, LW95b, SSP00, UZCZ97, WMN99]. **theorem** [WY94]. **Theoretic** [BHL⁺07, KHS07, SZ08, YM09, YK09]. **Theoretical** [ASB02, KA09, TKW98]. **Theory** [CMR07, DHP⁺07, DD98, Dua95b, Dua97, DP01, DLPP05, FF98, GBD07, IK93, LL06a, Dua93, WL91]. **Theory-Based** [GBD07]. **Thermal** [CGM⁺07, MCG08, TGV08]. **Thermal-Aware** [TGV08]. **Thing** [SF09]. **Thread** [KL01, OC05, SLT03]. **Threads** [CASM07, DR98, HS99b, LJLS09]. **Threat** [YWF⁺09]. **Threats** [ISAZM09]. **Three** [AD09, LCRW98, LHS03, MBTPV06, OB00, SZ03a]. **Three-Dimensional** [AD09, LCRW98, LHS03]. **Three-Tier** [MBTPV06]. **Threshold** [CGL07, vdMDM07]. **Threshold-Based** [CGL07]. **Threshold-Multisignature** [vdMDM07]. **Throttling** [TCLY07]. **Through-Wafer** [LCRW98]. **Throughput** [GLS07, HP07, WCCR⁺97, ZXZ⁺09]. **Thwarting** [CPM07]. **Tier** [MBTPV06]. **Tiered** [DTE07]. **Tight** [HK06, VV99]. **Tighter** [CL00, RO99]. **Tightly** [ADG⁺08]. **Tiled** [GAK03, HCF03]. **Tiles** [RR02]. **Tiling** [ABRY03, JLF03, PHP03]. **Time** [AS99, ASS95, AMS97, Ano98c, AA09, AT01, BÖ98, BSCB09, BMR99, BM00a, BBG⁺95, BGO⁺98, BGOS97, BGO⁺97, BGOS98, CF00, CRN09, CS97b, CKC08, CS03, CNT05, DÖ02, EDO06, FWDC⁺00, FB01a, FLP⁺07, GMM97, HS99a, HRG00, HNO98a, HNO98c, HJS⁺06, HSH⁺99, HS98a, HS02, HCF03, HS99b, KABK03, KHM05, KGM97, KA09, KMW08, KWH02, KKC03, KS01, KS03, KgCS04, KA99, LCB00, LLTW08, LB00a, LP07, LL07, LCN⁺07, LHSML95, LA04, LWK05, LL98, MZ05, MM98a, MM98b, MT97, MRT06, MTL95, OS02, OZ96, PABD⁺99, QCC99, Qua01, RA04, Ram99, RMO⁺95, RP99, RRFH98, SJPL08, SCK00, ST99a, SE98, Sto96, SR99, TSAL97, TR04, Var01, WH03a, WR04, WJLK07, WCH⁺08, WMWL08, XU01, XP05, XQ08, XC01, XTL06, YLL⁺07, YW98, ZS95a, ZS98, ZMC03, ZMM04, ZLZN09, ZJ99]. **time** [AH91, ADM92, Aln94a, Aln95, Cap92, CD94, GG94b, GS91, HN93, JR94, wJNPS97, KSF94, KGM96, QM94, RSS90, RS91a, RWF94, Sar93, SC92, SC94, SF92a, SRS93, SH93, SH94, SA94, SL93a, SMS93, Var93, WC90, WCS92, DF97, GT93]. **Time-Aware** [BGO⁺98, OZ96]. **Time-Aware** [CNT05]. **Time-Constrained** [KHM05]. **time-cost** [Sar93]. **Time-Critical** [XTL06]. **Time-Free** [MRT06]. **Time-Optimal** [BBG⁺95, BGOS97, ST99a, BGO⁺97]. **Time-Shared** [FB01a]. **time-stamp** [Var93]. **Time-Utility** [WR04]. **Timed** [CF99b, Ost90]. **Timeliness** [HV07]. **Timeliness-Accuracy** [HV07]. **Timeout** [EBS04]. **Timeout-Based** [EBS04]. **Timer** [MRT06]. **Timer-Based** [MRT06]. **Times** [VM04, RS94, TRS90]. **Timestamped** [RKHM06]. **timestamps** [MB92]. **Timing** [KS08a, KCK⁺06]. **TMR** [EMS90, EBS04]. **Toeplitz** [Pan93]. **Toeplitz-like** [Pan93]. **Token** [IKOY02, KY97, KKM08, HMR94]. **token-and** [HMR94]. **Token-Based** [KKM08]. **TokenCMP** [FPGAD08]. **Tolerance** [BHL⁺07, CD08, FPGAD08,

GMM97, HÖD99, KIBW99, KH97a, PBA03, SyFL99, SLH97, WC09, WMWL08, BP94, MN92, OC93, RJ94, SB94a, TC94].

Tolerant [AB99, AM95, Ano98b, BMR99, BC99, CYW08, ICL95, CC01, CXP09, CC98, CCD⁺09, DDY99, DY05, Dua97, FIMR01, GY95a, GN96, GMCB01, HY99, HDF07, JZXX99, KH04, KLC97, Lan95, LDCO08, LH06a, LHSML95, MM98b, MJRS06, MBM98, PG07, RO99, RRRM09, SCP99, SDDY00, SNI02a, SNI02b, THH96, TL06, TCS97, TH01, VDS99, Wu98, WA99, Wu00, Xia01, YJ97a, YJ97b, YDW⁺09, ZS98, dB98, AM91, BS95, BCH94, CL93, CS90, Chu96, FD94, KK93a, LG90, OS94a, OS94b, RST95, SM94, TB94, Tze93, VJ93, VJ94, WF94, YZW94]. **Tolerate** [Par95]. **Tolerating** [HY04, RCS01]. **Tool** [SRD08, Gab90]. **Toolkit** [Din06, SMTB90]. **tools** [HKM⁺94]. **Top** [WZP⁺03, KDL91]. **top-down** [KDL91]. **Top-Level** [WZP⁺03].

Topological [CSH00, DAA02, DS05, Sto97, DT94, YA93].

Topologies [BS96, BBH05, BSS09, GY09, KWOA05, MDSS09, VB96]. **Topology** [Ano04d, BCQD07, CYW08, CTF09, CJHG08, DWX09, EVW07, GVG09, HLH09, JJ07, JTC08, KZN07, LCRW98, LWS04, LH06a, LH06b, Liu08, MGZN07, NT09, OSRS06a, OSRS06b, RHM09, SD00a, SD00b, SLFW06, SGL06, SCL00, TL06, WD06, Cor92, Hsu93, MB94].

Topology-Aware [KZN07].

Topology-Flexible [TL06]. **Tori** [CH01, JSR98, LZ02, ST99a, SY98, TW98, YW02, UEA95]. **Toroidal** [AB99]. **Torus** [AB03, CYY00, GVG09, PC96, PS96b, RMC95, SBS98, SS01, jTM96, TG96, TLGP97, YFJ⁺01, GPBS94]. **Total** [CH98, DD98, DD01, FIMR01, HS98a, Jia95, SH97].

TPDS [Ano08d, Ano09d]. **Trace** [LLY05, LZTY09, PPR95, HE92, HB92, NGL94].

Trace-Driven [LZTY09, PPR95, HE92, NGL94].

Traceback [ADG06, GS08, SX03, XZG09].

Traceback-Based [SX03]. **traces** [HMW93, HE92]. **Tracing** [JBW⁺08].

Trackability [TKW98]. **Tracking** [LH93, NSZ02, PPBSA97, XTL08, ZLZN09, AIK91].

Trade [CKK⁺04, DZH05, FHA06, FLP⁺07, GZ09, MYA01, QCC99, ZCXF09, DF97].

Trade-Off [FLP⁺07, QCC99]. **Trade-Offs** [DZH05, GZ09, MYA01, ZCXF09, DF97].

tradeoffs [Aga92, DAF95]. **Traffic** [Aro00, BÖ98, CCQ⁺05, HY07, Kop96, KPBD09, KgCS04, LKKS05, MSM06, OKSA01, RJ05, SY07, SZ95a, TSAL97, TK96b, XP05, AH91, CV92, Kop94].

Trail [QNR99]. **Training** [BBS⁺09]. **Transaction** [QR07, ZMMS08, Tho93, YD94b].

Transactions [FG01, Ano02a].

Transcoding [CC03]. **Transfer** [KAY⁺06, MS99b]. **Transfers** [EDO06, FV09, RRX09].

Transform [AD95, CPhX04, LHS03, TSP⁺08, WH03a].

Transformation [BW96, FLVG95, HS98a, LL07, SS09, EHJ94, SC91, WL91].

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Transparent [JLDC05, LSCZ07].

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Transport-Aware [WS03]. **transpose** [SH95b]. **Transposition** [RBSP02].

Transposition-Table-Driven [RBSP02].

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Trapezoid [TN93b]. **Traversals** [Sto96].

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YK98, YC95, BGM94, Bil94, HMR94, KK94, LK94, SS90]. **Tree-Based** [HH08, LC99, MKY⁺09, VM99, YK98, HMR94]. **Tree-Sweep** [GRS99]. **Trees** [AfAGR00, Ano99h, Avr99, Bar98, CCP95, CTS96, CH98, CBDW96, GRT97, Jia95, KDW01, KPK09, KWH03, LS96, LC96b, PWW00, RRRM09, SH97, Wan04, YR96, YCTW07, CL93, EF96, GM94]. **Triangulation** [LCWW03, LSW04]. **Triangulations** [BGOS98]. **Tridiagonal** [SZ04]. **Triggered** [CLJ⁺04]. **trigonometric** [ABDZ94]. **Trip** [TPL96]. **Trip-Based** [TPL96]. **TROP** [THH08]. **True** [RLD03]. **Trust** [CHC09, LHL⁺08, SJd⁺09]. **Trusted** [ZH07b]. **TTL** [TCC07, TXL08]. **TTL-Based** [TCC07, TXL08]. **Tunable** [BBC⁺95, YKP08]. **Tuned** [TLM04]. **Tuning** [ZBM09]. **Tuple** [BCdSFL09]. **Turn** [Chi00, JKA07]. **Twin** [AS00]. **Twins** [CDV⁺06]. **Twisted** [FJL07, ZL96]. **Two** [AGGD05, BOC09, yCM98, CC99, DCF95, GG95, HC99a, Liu08, Mit01, Par95, SS96, SZ04, TC95a, WO04, ZWX06, BDS94, CV92, HK93, LC91b, ME95]. **Two-Dimensional** [yCM98, CC99, ZWX06, LC91b]. **Two-Hop** [Liu08]. **Two-Level** [AGGD05, DCF95, HC99a, SZ04]. **Two-Stage** [BOC09, HK93]. **Two-Step** [TC95a]. **two-zero** [ME95]. **Two-Zone** [WO04]. **Type** [CN02, CN04, Rob04]. **Types** [GT02].

Ubiquitous [RD09, YK03]. **uCast** [CHA07]. **UCSC** [DDD⁺05]. **unbounded** [YG94]. **Uncoordinated** [QR07, WCLF95]. **Understanding** [CGM⁺07]. **Undirected** [PWW00]. **Unexpectedly** [XCZ04]. **Unfair** [KY97]. **Unfolding** [CS97a]. **Unicast** [GP99b, LO95a, MXEN94, Mha09, SLFW06]. **Unicast-based** [MXEN94]. **Unidirectional** [HLH04, Wu02]. **unification** [RM90]. **Unified** [CHA07, FS00, GM97, GSS96, KCRK00, KCRB03, PK01, Yi09, AH93, DK92].

Uniform [DIM97, HLH04, KY97, LH01, NO02, O'H91, PB96, RMO⁺95, Bil94, DR94, SF92a]. **uniformization** [HN93, TN93a]. **Unifying** [AC93]. **unimodular** [D'H92]. **Unit** [BSCB09, MC95]. **Units** [RSP02, TSP⁺08]. **UNITY** [CR90]. **UNITY-style** [CR90]. **Universal** [AM99, GO97]. **Unknown** [GKK05, XCZ02]. **Unordered** [PWW00]. **Unreliable** [BV05, LWC⁺09, SCW07]. **unstable** [GW94, GW96b]. **Unstructured** [BA07, CLY08b, GY09, HLH09, KK94, LLWC09, LXL⁺05, OB00, SGL06, TXL08]. **unused** [KK93b]. **Up*** [SRD04]. **Up*/Down*** [SRD04]. **Up-Down** [KP01]. **Update** [FCF00, TC04b, LG94]. **Upgradable** [PABD⁺99]. **Uplink** [KL02, MSM06]. **Upper** [CW02b, JR94]. **Use** [CT02, LSF⁺09, SD00b, SSZ06, SS90]. **Useful** [Mit00]. **User** [CB05, CLY08b, HJB⁺09, MF01b, PSC⁺95, SLT03, TEF07]. **User-Level** [CB05, SLT03]. **User-Selectable** [HJB⁺09]. **User-Specified** [PSC⁺95]. **Users** [NSZ02]. **Using** [ACT06, AKNR⁺04, AD09, BWC⁺03, BR91, BCdSFL09, BDD⁺96, CHC04, CWCC07, COS00, CH98, CCJ02, CHJ⁺07, DW06, DP01, FLVG95, FMG02, GSS06, HKL00, HM98, Jia95, JK99, KGKL08, KBC⁺01, KSP02, KSME08, KCW09, Kin06, KLS00, KAY⁺06, KBD08, KET06, LCRW98, LRG99, Li03, LRS02, LJW⁺07, LL98, MZT08, MZA02, MMSM06, ML94, MSG07, MQ97, OHRW99, OPZ99, OB00, OC05, PS96a, PDH06, QNR99, Ram99, RJ05, Sah00a, SWWJ08, SC07, SH97, SPS98, SSP02, SRL98, SY97, SP05, SL93c, TEF07, Tse09, TG99, TK96a, WSNA95, WLL⁺07, WWWA09, WHM09, WF94, Wu98, Wu00, WHC03, WCDY06, Xia01, XCZ08, XB98, YN00, YL96, YG08, YZC08, ZFMS03, ZMC03, ZMP07, ZT01, ZW02, dLCK⁺05,

BCBzC92, DA93, GS08, HN93, HC92, KMT91, LS94c, LC91b, MS94b, SC91, SSG91, SMJ92, TKT92, WCF91, WFP90, ZL96]. **Utility** [CNT05, WR04]. **Utility-Based** [CNT05]. **Utilization** [CCJ02, LDG04, LWK05, MF01b, WJLK07, LY93a]. **Utilizing** [OXL06, SF07].

V256 [MS94a]. **Valid** [RJ96]. **validated** [TV92]. **Value** [AS00, RCS01]. **Values** [KP96, LL98]. **Variable** [AGWFH97]. **variables** [KST94]. **Variation** [BRS07]. **Variational** [Gre98]. **Various** [FJL07]. **VCR** [HL09a, WL08a]. **VCR-Oriented** [HL09a]. **Vector** [CA99, MS99b, NCV05, TN08, WNKS96, WH01, YY95, Har91, PKK93]. **vectorization** [KKP91]. **Vectors** [Wu98]. **Vehicle** [ZLZN09]. **Velocity** [SFP03]. **Velocity-Based** [SFP03]. **Verification** [HCHM09, JK99, PD95, PD00]. **Verifying** [CLS05, Qad03, SPC⁺02]. **versatile** [GP93, Zia94]. **Versioning** [VGSS01]. **versus** [BCF⁺08, TB93, TSP⁺08]. **VI** [ZBJ⁺05]. **VI-Attached** [ZBJ⁺05]. **Via** [JS98, CS97a, CMR07, JBW⁺08, KH93, NW98, TSG09, YXW03, ZZMN07]. **Victor** [MS94a]. **Video** [GB00, GLQL09, HL09a, KS01, LZTY09, XL04, YKS03]. **Video-on-Demand** [HL09a, LZTY09]. **Vienna** [UZCZ97]. **Vienna-Fortran** [UZCZ97]. **Vienna-Fortran/HPF** [UZCZ97]. **Virtual** [Cha96, CH04a, Dal92, GN96, KY98, KW08, Lee93, LW09c, LC02b, MOFD05, MROD07, MP97, SD00b, SZ95b, SM02, TPL96, VSD01, WYWZ08, DA93]. **Virtual-channel** [Dal92]. **Virtual-Force-Based** [LW09c]. **Visibility** [BBG⁺95]. **Visibility-Related** [BBG⁺95]. **Vision** [BA97, RJ99, CPA93]. **Visual** [Abr97, ADM92]. **VLIW** [AB94, CF01, MC95, OC05]. **VLSI** [Aln94b, AR97, BGO⁺98, HALT95, TC93, ZA92]. **VLSI-Optimal** [BGO⁺98]. **VMMP** [Gab90]. **VMNet** [WLZN07]. **VOD** [GMCB01]. **Voice** [WMXZ06, XL04, GWYS08]. **Voice-over-IP** [GWYS08]. **VoIP** [SWWJ08]. **Vol** [Ano02a]. **Voltage** [KSME08, Li08, ZMC03]. **Voltage/Speed** [ZMC03]. **Volume** [BA07]. **Voronoi** [AD08, EW97]. **Vortex** [HSWB07]. **Voting** [SB94b, XB98]. **VOVO** [HL09a].

Wafer [LCRW98]. **Wait** [Kuc01, FHRT93]. **wait-depth** [FHRT93]. **Wait-Free** [Kuc01]. **Waiting** [RMO⁺95]. **walk** [You93]. **Warp** [AT01, CF00, QCC99, Qua01, SE98, DF97, GT93]. **Warp-Based** [QCC99]. **Warshall** [MF96]. **Warshall-Floyd** [MF96]. **Watershed** [GMRC07]. **Watt** [KHY09]. **Wavefront** [MA01, SKK01]. **Wavelength** [ZY04, ZY06]. **Wavelet** [TSP⁺08]. **WDM** [GP03, SCP99, YW05a, ZY04, ZY06]. **Weak** [Kar01, GW94]. **Web** [ASB02, CCY03, CWLR09, CYD98, GB06, JLD05, KK03a, KCD07, LLY04, LA04, LLA⁺06, NE01, RK08, RAHM05, Ros03, RNKZ03, TC04b, TCC05, TSRS07, Tse05, ZRS⁺05]. **Web-Based** [NE01]. **Web-Computing** [Ros03]. **Web-Server** [CYD98]. **Weighted** [DY05]. **Weld** [OC05]. **Well** [BDL95]. **Well-Behaved** [BDL95]. **which** [YK99]. **Wide** [DS02, DF99, Ant94]. **Wide-Issue** [DF99]. **Wider** [HTPS02]. **Window** [JN08]. **Wire** [EBS02]. **Wireless** [AYA09, ALW⁺03, AD08, AD09, Ano01b, Ano01c, Ano01d, BK09, BBS⁺09, BSCB09, BPT03, BCG04, BHJ02, BS08, CYW08, CPX06, CH08, CTF09, CKWC08, CNT05, DW04a, DW06, DPH08, DAMK06, DLS09, DWX09, EKOAW02, GZ06, GBC⁺07, HSLA05, HCHM09, JGA08, JJ07, KPK09, KWL⁺09, KyK09, KS08b, LJZA04, LDCO08, LCWW03, LWS04, LH06a, LSF⁺09, LWC⁺09, LWXS06, LWP07, MCL⁺07, MEKOT03, MZA02, MMSM06, MTM02, NK08, ON02, SKS02, SJd⁺09,

SLFW06, SL01a, SL01b, SSZ02, Sto04, TCO01, TX08, TN08, WY07, WWL06, WT08, WLZ08, WWLS08, WWWA09, Wu02, WLZN07, WCD08, XLW⁺06, XCZ08, YLW07, Yi09, YYY09, YG08, ZCXF09]. **within** [LCB00, NSD⁺91]. **without** [Fu05, GN96, SWC95, VJA97]. **WK** [Fu05, SCD97]. **WK-Recursive** [Fu05, SCD97]. **Word** [CF01]. **Work** [CF99a, HNO98c, RBSP02, XU01]. **Work-Efficient** [CF99a]. **Work-Time** [HNO98c, XU01]. **Workflow** [LSZ09]. **Workflows** [PF08]. **Workload** [Ros02, ZSMF01, ZRS⁺05]. **Workload-Aware** [ZRS⁺05]. **Workloads** [CV08, MF01b, NKP⁺96, PB96, YZC08]. **Workstation** [GKK05, LLH⁺01]. **Workstations** [AA09, CdMB05, EK95, FB01a, JL99, Ros02, RH00, RH04, SD00a, SD00b, SOM05, DGB⁺96, SSG91]. **World** [HLL09, LLSZ08]. **Worm** [JBW⁺08, RS97b]. **Wormhole** [BP98, BLD05, BC96, BCR98, Chi98, Dua95a, Dua95b, Dua97, FF98, GN96, GO97, HÖD99, HÖ00, HK95, KP99, KLS00, LMS04, LMN95, MRLD01, NCV05, NGM97, OKSA01, PSK99, RMC95, RLD03, SCL01, jTM96, TG96, TPL96, TLGP97, TWH99, VM99, VS11, XGN97, ZL05, Dua93, LMN94, MXEN94, jTM97]. **Wormhole-Routed** [BP98, FF98, HÖ00, HK95, KLS00, LMN95, RMC95, SCL01, jTM96, TG96, TPL96, TLGP97, TWH99, XGN97, MXEN94, jTM97]. **Wormhole-Switched** [HÖD99, VM99]. **Worms** [SSP00, TC07]. **Worst** [GRT97, TSJ07]. **Worst-Case** [TSJ07]. **Wraparound** [SV97]. **Wrapped** [HWSH00, WMN99]. **Write** [BB08, HNY02, KDW01]. **Write-Enabled** [BB08]. **Writing** [WBO⁺01]. **WSN** [KSP09].

X [GM94]. **X-trees** [GM94]. **XML** [CF08]. **XNet** [CF08].

Yama [MJ06].

Zero [LHL⁺08, ME95]. **Zero-Knowledge** [LHL⁺08]. **Zone** [WO04].

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