
Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA
Tel: +1 801 581 5254
FAX: +1 801 581 4148
E-mail: beebe@math.utah.edu, beebe@acm.org, beebe@computer.org (Internet)
WWW URL: http://www.math.utah.edu/~beebe/
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Title word cross-reference

(2m + 1) [HGS83b]. (d, k) [MR82]. (N, K) [KK86]. 1 [wu87b]. 1/2 [ZW87]. 2
[FLN89, Jes80a, KR82, Ry82]. 2(log2 N) − 1 [Lee85b]. 2/3 [ZW87]. 2n + 1 [STR87]. 2m
[PNH88]. 3 [WH88]. 4 [KW81, TPS85].

5.8n log2 n [CW80]. 8 [Kal83]. [lg N + 1]

[CT84a]. 2 [DD81, Eti80, FM89]. 2.5 [DM84].

2p [SLS82]. n [HSE84]. AB [Bla83, Slo85]. D

[Kak85, Kak83, LB88, SW82, WV87, WR81].
d > t [LB88]. ℓ [Hoc83]. \( \text{GF}(2^m) \)

[Fen89, WTS85, YRT84, Zho88]. \( \text{GF}(P) \)

[TKL86, HQR89]. \( \text{GF}[p^n] \) [Eng81]. K

[GM87, NHAT89, Agg86, BL84, CI88, CE87, Dav89, Lee82, LC87b]. L/U [JK82]. \( \chi_T \)

(CGMP87). M [Bla83, Mor80, Slo85, WH80a, Wus81, GH83b, HGS83b, PNH88].

m2 [MM83a]. N

[CS87, Er84, Esf89, Mor80, Wus81, AP89, AG81b, Bha83a, GH83b, Kha82, LM87a].
n − 1/n [Nil84, Wen85, Can83]. O(2^{0.304n})

[Jia86]. O(log n) [BP85]. O(n) [Sip82].

O(n + k) [LD88], O(\( \lambda^2 / \log^{3/2} N \)) [SR81a],

O(t + |E|) [Sul88]. P

[Tha82, Tha84b, TKL86, YF88, Fro83, GNK86, KM83b, Wus82]. r

[GH83a, HGS83a]. s^2 [SSS89]. t

[BV89, CA89, LB88, NGP86].

-Adic [Fro83, GNK86, KM83b]. -an [SGI89].

-ary [Er84]. -Bit [Kal83, Wus81, Mor80].

-Cube [Bha83a, AP89, CS87, Esf89]. -D

[FLN89, KR82, wu87b]. -EC [LB88]. -Error

[NGP86, BV89, LB88]. -Function [Tha84b].

-Functions [Tha82]. -Graph [WR81].

-Level [Wus82]. -Nearest [Lee82].
2

-Networks [MM83a]. -optimal [FM89].
-Ordered [WV87]. -Out-of-
[GH83b, HGS83b, PNH88]. -out-of-n
[BL84]. -Sequence [WH80a]. -Sequences [Kak83].
-TDA-diagnosable [CA89]. -UED [LB88].
-Ordered [WV87]. -Ranges [SW82]. -Sequence
[WH80a]. -Sequences [Kak83].

1-out-of- [Kha82]. 1-out-of-3 [Gol84]. 10th
[Ano80a]. 11 [LGH80]. 11/780 [AP85].
1981 [Ano82-28, Ano82-29, Ano82-59]. 1982
[Ano82-30, Ano82-31, Ano82-32]. 1983
[Ano82x, Ano82u, Ano82w, Ano82b, Ano82c].
1987 [Ano87z].

2 [KP88]. 2-Dimensional [LL84]. 249
[Ano80c]. 254 [Ano80d, Ano80e, Ano80f].
256 [Ano80g]. 256K [Tan84]. 29 [Ano80b].

30 [Ano81a]. 31 [Ano82a]. 32 [Ano83a].
32-bit [MBH89]. 33 [Ano84a]. 35 [Ano86b].
36 [Ano87a]. 3rd [Ano82].

4th [Ano80c, Ano83].

64K [IC80].

7th [Ano82d].

80 [Ano80h, Ano80l, Ano80j, Ano80k]. 81
[Ano81b, Ano81d]. 82
[Ano81c, Ano82e, Ano82g, Ano82h]. 83
[Ano82f, Ano83].

A. [EA89a]. A/D [Yue80]. Abstract
[MP83a, PL88, SBMS89, Wei88].

Abstracts [Oik87, Oik87]. Acceleration
[FS83]. Acceptable [CA89]. Acceptable
[Kl80a]. Access [Bra83b, Bux83, CP82a,
CP87b, CHL83, FT84, GFM83, GF87, HJ87,
IS84, KP80a, KL82, LV82, MTMA85, PS85a,
RG85, SN81, SH84, SR80, SR81b, Ten83,
TV82, Cal88, CJ89, FHG88, GC89, KP88,
MP89a, MG88, MW88, NK88a, PBL89].

Accessibility [AL85]. Accessing [ABK83].
Accumulator [SR86]. Accurate
[LP88, VM87b, GY89]. Achieved [Mar81].
Acknowledgment [Ano83c]. Acquisition
[Fl80b]. ACRITH [Lan87]. Active
[LM85, Uhr82]. Activity
[SBMS89, VZMBH89]. ADA
[KUV85, VM87a]. Adaptive
[HN84, JL85, Kum89, TRN89]. add
[BD89, Sto84]. Addendum [RTB81, Rob83].
Adder [MH80, Dor88]. Adders
[BK82, CP87a, Cur80c, HGM87, LM82a,
SM83, Bec88]. Adding [LD87]. Addition
[FG82, Par88, TYY85]. Additional [Lau81].
Address [Nwa85]. Addressable
[KK84b, SS82]. Addressing
[De 82b, YTL87]. Adic
[Pro83, GKM86, KM83b]. Adjacencies
[HSE84]. Adjacent [RS85]. Adjusting
[GC87]. Advance [Ano80h, Ano80l, Ano80j,
Ano80k, Ano81b, Ano81d, Ano81c, Ano82e,
Ano82g, Ano82h, Ano82f]. Advantage
[NN87]. Advertisement [Ano84b, Ano84c].
Aerospace [PS83a]. Against [BS82].
Aggregation [BT86]. Ahead
[KY89, Dor88]. Aided [RW84, Sin89].

Algebra [Sur81]. Algebraic
[Che82b, Hon85, SY83, AL88, BC88, NH88].

Algebras [DB87, LL80]. Algorithm
[ACGT84, ASP87, APD83, AT81, BA86,
BSV83, BW80, BB87b, BS87a, Bla83, Car84,
CE87, Che82a, CH85a, CP87b, DM84, Dah86,
FTY87, Ga81, GC80, Gel81, Goe81, GM87,
HR87, HKR84, Hou87b, Hou87a, HRT 84,
Hua83, HA84, Jen81, Jia86, Jon86, Kam80,
Kar84a, KK85, Kri84, KH83, Lak84, Lam83,
LS82a, Lee87, LC87b, MTMA85, Mey84,
MP83c, MI85, ML82, NN86, Niz84b, Niz84a,
NS87, OE82, Pal86, Par81, RW81b, RB83b,
RTB81, Rot86, Sas85, SBGS86, Slo85, Sto80b,
WG80, WOH84, YM86b, AA88, AL88, ED88,
JAM88, KPR88, LD88, LS88a, LD89, Man89,
NH88, Pin89, RI89, RJ89, RS88b, San88a,
San88b, Sin89, STR88, Sri89, SRC85, Sul88, TYY85, TR88, Wan89, WZ89, IYM88.

Algorithm-Based [BA86, HA84, AL88].

Algorithmic [Hoc87, Ram86a, Ram86b, ST86a, VZMBH89]. Algorithms [Ano85d, AN84, AS87b, Bry86, But81, Car83, CS86a, CL84, CF80a, CW83, Coy80, DL86, DK86, DS83, Dem82, DV87, DL87, Eng81, FS84, Gv84, Gk85, Gue86, Hon81, HC82, IKP86, JA85, KR82, KN84, Lam83, LM82b, LW86a, Li87, Lo88, LR80, Maj85, Man85, MP87, Mol82a, MF86, Nak86, NS81, NS82b, OP84, OOB85, PR81b, RJ82, SW84, Tha84a, Tha84b, Tsa81, Tsa83, VR86, Wei82, YGZ+87, Zak85, AOE88, CI88, Che88b, CS89, Cra85, Fis88, Gel89, KT89b, LP89, MS88b, MS89, Muk89, PK88, Ram89, SS89c, WE83].

Alignment [FYAV87, LS88b].

All-to-All [Top89].

Allocation [CP82a, CS87, CL87, Cve87, LL83, MLT82, PB87, RW83, Sig82, Weg80, GC89, Gel89, KS89, San88a, San88b].

Allocations [KK84b].

ALOHA [Lam80, Tas83].

Alternative [Pat80, SD86a].

ALU [PF82, Wu87a].

Ambiguity [Muk86].

American [Men84].

Among [DLC87, KS80a, KL82, YN83, dm88].

Analog [Cl80b, FTT+80, PC81, Sto80b, TH80].

Analog-to-Digital [FTT+80].

Analysis [AB80, AB82, ASKL81, AJ82, Agr83, AK88, AO80, Ano81r, ASP87, AL81, AP85, BHY87, Bhu85, BT86, BFH82, Bu83, CP82b, CI87, CFH81, Dav86, De 82b, DJ81, DK82, FH84, GV81, Har86, HI80, HS84, HT86, IO84, ID86, JM87, KK87, KA89, KK86, Lam80, Lee80, LV85, LC87a, MBC82, MTS89, Mol82a, Mol82b, Muz80, NS87, Pat82, Pra86b, PC81, SC87, Smi85, Smi80a, SS82, Sor85, TN81, TJB86, Tsa81, Tsa83, Wan82, WC83, WA85a, YA87, YBL89, BD89, BG89, BL89, BI88, Cal88, CCF89, tCPS88, CMB88, CdL89, Coo89, Dub88, DT89, Fuk88, GH88, Gui89, HTT89, JS88, KR89b, Max88, NT88, Noe89, RKH88, STR88, ST88b, SL89, WE83, YKL88].

Analytic [KT83, RN88, SS80, TB86, Sch89].

Analytical [CM87b].

Analyzer [Hla86].

analyzers [Max88].

AND-OR [LS88c].

Announcement [Ano80h, Ano80i, Ano80j, Ano80k, Ano80l, Ano81b, Ano81d, Ano81c, Ano82i, Ano82e, Ano82g, Ano82h, Ano82f].

Announcing [Ano82].

Annual [Ano82-60].

Anomalies [LW86a].

Anomalous [LMP82].

API [SK85, dJvdG88].

Application [Ano85y, Ano87x, CH82a, CL80, DTF80, KH83, LR80, SCP+81, SL86, Sta85, TS84a, VHD82, Zhi84, Es89, Kap89, NK88b, RN88, SL89, Th89].

Applications [Ano80x, Ano81u, Ano81v, Ano82u, Ano82v, Ano82w, BCR83, CSR86, Cha80, CH84, HZ81, Hu83, IC80, Ju80, KF80, Kan84, KK84e, Kon86, KAGER82, Lun87, ML88, Pra80, PTC86, SLS82, Smi81a, Sto48, KW89, Kum88, LM88].

Approach [Abr82, AM85, AKT86, Agr81, AGH+82, ABT82, BSMS81, Bes86, Bha83a, Bha83b, Bra83b, CH85b, DM81, DSK87, Fla82, GM82b, IPM82, JM87, Kar81, KS80b, Kor86, LP83, MG86, NKY+80, Pap83, RT85, RH87, Ros83, ST85, Sig82, SH81b, Sto80a, Tis80, Tsa83, WC84, Weg80, WWS84, AK88, BW89a, JW89a, KK89, KW89, KS89, LZM89].

Approaches [SSF82, ST86a, LLJ89, VZMBH89].

Approach [BG89, NT88, Tow86].

Approximating [LR80].

Approximation [LS88c].

Approximations [SGT86, Aky89].

Arbiter [BJ83, CAV86, SL89].

Arbitrary [HML84, WG80].

Arbitration [Cha87b, Gui89].

Architectural [Ano87c, HS88, RM83, VSHM82].

Architecture [AJ82, AAG+87, Ano81r, Ano82-60, AG82, BS86, BP84, BFHW82, CP82b, FH83, GBG89, GS86, HA86, Haw85, Hen84, Hon85, HG87, IPM82, JTP85, KK82,
KA87, KAGER82, Liu82, Liu84a, MLB87, PS83a, PR82, RM83, SBK85, SSB87, Shi82b, SWP86, SM82, SWK84, SG82, TL80, TRYS83, TLR83, VZ81, VBI+81, WM84, CNO+88, Con89, EA89b, Fen89, GW89, HTR88, KHS88, KFT88, MG88, NOY88, PMSB88, Pol88, SGI89, TSM88, Tys88, MPPZ88.

Architectures [BPM+86, DGS80, GS87, GK85, KK80a, LF80, Lop84, LF87, MBC82, MTG+85, NJM83, NF84, NS87, Pra85a, Pra85b, Pra86a, RA84, Red87a, Str82, Veg84, WTS+85, HA88, RTY+88, SS89c, YJ89, YS89].

Area [Ame82, BPV83, BP85, Bux83, CGMP87, FT84, Kam87, KM87, KB84, LHPW85, LSW87, Pre83, RG85, WHT84, CBAP89, HA88, KP85, Ram88, R88b, Sin88b, SR81a].

Area-Time [Pre83, WHT84].

Arithmetic [Agr80, AR83, Ano84f, AP85, BM86a, BR83a, Che82b, CV83, CHH83, DDG80, GH83a, Gai85a, GNK86, HGS83a, HT80, HL86, HC82, Jun83, KUV85, KM84b, LNLH85, MK85, NJM83, NH85, Owe83, OI87b, SOA85, Sip84, SG80, SW80, SCNS83, Tay82, TPS85, ULM83, ZB87, ZN80, CS80, KMS83a, Loz83, Man88, NPP88, Sco89].

ARQ [CL88].

Array [Agg86, AG81b, BVH83, Bha83a, Bok84, CIP87, Chui85, DRS85, E88a, FH8+83, FY87, Jes80a, Jes80b, K86, KAGER82, LV82, Len85, LYS85, MG86, Nak86, Nwa85, Pap83, PBL89, RV84, Re80, SF84, TOM81, Ten83, VRF84, WBA83, Z84, Cos88, FLN89, HOS89, JK89, PK88, ST88a, SL88a, WCS89].

Arrays [AC84, Aga80, AS85, BM86b, BN86, BK84, DM81, ES80, FK85, FR85, FK81, GKS84, Gor87, JMK86, KB84, Kor86, KS83a, LL85, NW85, MT87, MF86, O87, O87, OP84, OZ86, PR81a, PF83, RT85, RFS86, RB83a, RB83b, Ros83, Ros85a, SK83, S81, SM87, UV81, Uhr82, VR86, VS86a, YWW86, ZH85, Ata88, FS88, JK89, KR89a, KT89b, LL89, LKL89, LP88, Man89, OT89, SR88a, Sin88b, VR89b].

Arrival [CS85].

Assign [MTMA85].

Assignment [FT84, FY87, Lau81, LL84, Lo88, NNY+80, PTT81, Rub81, Sas84, ST85, B889a, C88, C89, D88, K88, ST88a].

Assignments [Sin88a].

Associative [DL86, DGS80, Dct80, HNS84, SD87, Str82, CCWZ88, D88].

Associativity [HS89].

Astronomical [H80].

Asymmetric [HS81, Shi82a].

Asymptotically [KP80a].

Asynchronous [BM86a, CAV86, CG87, Hay81, HT82, Hol82a, Tha84a, Tha84b, WF83, WF80a, BC88, Coa88, Snn88a].

Atomic [B88].

ATP [KP88].

ATP-2 [KP88].

Attenuator [GC88].

Augmented [AS82b, MS82, LL88].

Augment [An87z].

Author [BH80, Des81, GLL81, M85, M86, SCA81, SCN86, W82].


Autocorrelation [Mor80, Wus81, Wus82].

Automata [PCT86, Wan81, WR81, HN89, OM88, S88, ZMC89].

Automated [HP82, KW85].

Automatic [BCDM86, KS82a, G83, ST86a, TJ886, WW83, ZMB89].

Autonomous [MB81].

Autoscale [TH82].

Availability [GT88, MD89].

Available [NF84].

AVL [Got81, Ell80].

Avoiding [Fos89].

AXE [OJ80].

Back [Car83].

Back-to-Back [Car83].
Built-In
[AB86, AC83, AC84, BM86b, FMM84, FM87, KS86a, TAF87, MS88a, CKS88, RSK88].
Burroughs
[KS82b].
Burst
[Adi84, Bos86, ZW87, Bla88].
Bus
[ABK83, Bok84, Bux83, FT84, HV87, IO84, LVA82, LJ87, Mar84, MBC82, MG82, MBCG83, Pra85b, Pra86a, Tow86, BL89, CM88, KK89, MAS85, R89, YZ88].
Buses
[Agg86, Dub88, WS88].
Byte
[Che83, Che86a, Dao81, DV83, Dun85, IC80, KF82].
Byte-Organized
[Dao81, Dun85].
Byte-Oriented
[Che86a].
C
[MA89, Ano80b, Ano81a, Ano82a, Ano83a, Ano84a, Ano86b, Ano87a, AG82, Gai88b].
C-29
[Ano80b].
C-30
[Ano81a].
C-31
[Ano82a].
C-32
[Ano83a].
C-33
[Ano84a].
C-35
[Ano86b].
C-36
[Ano87a].
C/D
[Gai88b].
Cache
[DB82, LGH80, Pat82, SG85a, Smi87, SR88c, Soh89, YPD83, Dub88, KM89b, LP88, Thi89, WM88b, YBL89].
cache-based
[Dub88].
Caches
[BD83, HS89].
CADAC
[CHH83].
Calculate
[SL83a].
Calculating
[Bla83, DG86, Slo85].
Calculation
[Mo87, TKL86].
Calculations
[TP87].
Calculus
[TTB85].
Calibration
[CMS82, VS88].
Call
[Ano80l, Ano80x, Ano80m, Ano80n, Ano80o, Ano80p, Ano80q, Ano80r, Ano80s, Ano80t, Ano80u, Ano80v, Ano80w, Ano81t, Ano81r, Ano81s, Ano81u, Ano81v, Ano81e, Ano81f, Ano81g, Ano81h, Ano81i, Ano81j, Ano81k, Ano81l, Ano81m, Ano81n, Ano81o, Ano81p, Ano81q, Ano82x, Ano82u, Ano82v, Ano82w, Ano82k, Ano82l, Ano82m, Ano82n, Ano82o, Ano82p, Ano82q, Ano82r, Ano82s, Ano82t, Ano83j, Ano83k, Ano83d, Ano83e, Ano83f, Ano83g, Ano83h, Ano83i, Ano84d, Ano84e, Ano85a, Ano87c, Ano87b, Cas86, SP82].
Calls
[Ano85b, Ano86c, Ano86d, Ano87d, RC89].
CAM
[NOYK88].
CAM-based
[NOYK88].
Cambridge
[HN88].
Can
[EA89a, KC86, Mar81].
Canonical
[FTY87, Pag80, SR82].
Cantoni
[EA89a].
Capabilities
[CS86c, GM88a].
Capability
[BC85, Che83, Lop84, Mil82, RT86, SH87].
Capability-Based
[S89].
Capacity
[MM83a, DSH89].
cardinality
[KM89a].
Cares
[Bra83a].
Carried
[RJ80].
Carry
[CP87a, GHM87, Kal83, LM82a, Par88, Rhy84, Dor88].
Carry-free
[Par88].
Carry-Save
[LM82a].
Carry-Skip
[GHM87].
Cascading
[SRO84].
Case
[BP80, Ell85, VSV81, GM88b, HIT88, STR88, SW88].
Cases
[K87].
Cause
[AB80, AB82].
CC
[CM89].
CC-banyan
[CM89].
CD
[BZ86, IC80].
CDM
[GF87].
Cell
[Hay80].
Cells
[VS86c, TS88b].
Cellular
[Fet80, OP84, OOS86, WGT81, WR81, HC89, HMC89, OT89, ZMC89].
Centennial
[Ano85c].
Center
[Ano82].
Central
[OJ80, K89].
Certain
[Co80, RT86, WE83].
Chain
[Tsa81, CD89, SL89].
Chained
[HNS84].
Chaining
[BBP88, TY88].
Chains
[BT86, DLM86].
Change
[LF85, SC89, GM88b, SR88c].
Channel
[AH86, CP87b, CHL83, GFM83, KL82, Lau81, LL84, PTT81, PL84, Rub81, DJ88, KP88].
Channel-Access
[GFM83].
Channel-Assignment
[Lau81, PTT81, Rub81].
Channels
[IM87].
CHAOS
[SB87].
CHAOS-Kernel
[SB87].
Character
[Wei80].
Characteristic
[HSE84].
Characteristics
[Ko84, MC86, CCF89].
Characterization
[BS87b, CS85, ED87, YA87, SBSM89].
Characterizations
[AM80].
Characterizing
[Hoc83].
Charge
[KT81].
Charge-Coupled
[KT81].
Chaudhuri
[OL87].
Checker
[BL84, FMM84, FM87, Gol84, Kh82, WH88].
Checkers
[ET80, GH83b, Gai85a, HS83b, Jen83, KS84a, Pie87, Gai88c, JC88, ML88, ...]
Checking [BC85, CL80, FM87, Gai85a, Gai85b, Gol84, HGS83b, HML84, Jen83, Kha82, LM83, Lu82, Mil82, NK87b, RB83d, SD86b, SL83b, Wan81, DD88b, DD88c, Gai88a, Gai88c, MS88a, ML88, NPP88]. Checklist [Ano82-28, Ano82-29, Ano82-30, Ano82-31, Ano82-32]. Checkpoint [AMM86, HP87]. Checkpointing [SLL87, LM88a]. Checkpointing [SLL87, LM88a]. Chinese [Vu85]. Chip [CGMP87, Cha84, HT80, KS86a, LCW81, Maz87, PS80, SOH81, NC88b]. Choice [Smi87]. Chordal [AL81, CI88]. Chrestenson [Mor86]. Ciphers [Sie85b]. Ciphertext [Sie85b]. Circuit [ABG85, BG86a, Kal83, KP80a, LZN85, Mar81, SV88, SB85, Sch89]. Circuitry [Cur80b]. Circuits [AR86, AB86, AB80, AB82, Abr82, AF81, Ano80z, Ano85d, Arm80, BPV83, BCDM86, CD86, CL80, Dav86, Eti80, Fuji81, FT82, GCV80, Goe81, Hay81, Hay86a, JA85, KH86, LMP82, LSM81, Maj85, MC86, Mar87, Mar86, MP83c, Muz80, NK87a, Ogg86, RB83d, RR86, SVV81, Sav80a, Sav80b, Sav80c, Sav81, SY83, SGMP85, Sur81, VR83, VSV81, Vui83, WW83, YM86a, BC88, BS89b, CHRR89, CBAP89, FW88, Gai88b, Jha88, Wal88]. Circular [Ers85]. Class [AC83, Ary85, BG86a, CM87b, FW81, Fla82, JLS80, Kan84, KKS86, MT87, PL83a, Pie87, Pra80, SL87, Sie85b, Sri87, SR80, WF80b, Che88b, Ski88, THL88, TS88a, VSS88]. Classes [KM81, Van80, VS86b, SD89b, YM88a]. Classical [Bos88]. Classification [Oru84, SMN82, Til80]. Clock [KO87, SR87, LZN89, SR88b]. Clocked [KSW88, WF83, RMC88]. Clocking [Kes84, UT86, PP88]. Clocks [KSB85, VM88]. Closed [IO84, Mey82]. Closed-Form [IO84, Mey82]. Closedness [Fuj81]. Closure [KLL87]. Cluster [WL81]. Clustering [DLM86]. CMOS [Jha88, MC86, RR86, UV81, YM86a]. Code [Adi84, BS89c, BL84, Dao81, DV83, Gol84, Kha82, Muk87, SCP+81, NC88b]. Coded [GH83a, HGS83a]. Codes [BK80, BR80, BP82, BR82, BR84, BL85, Bos86, Che82b, Che83, Che86a, CS87, DC87, Dom84, Dun85, Er84, GH83a, Gai85a, HGS83a, HGS83b, KF82, Kan84, Kha82, Kri83, NGP86, Olg87a, Pie87, Pra80, Red87b, RTJH86, SOA85, Shi82a, Smi84, TC84, VS80, ZW87, Bla88, BV89, Che88a, FH88, Gai88b, LB88, NPP88, PH88, THL88, WM88a]. Codewords [BK80]. Coding [Kak85, SKW88]. Coefficients [Sus83]. Coherence [YF85, YBL89]. Coherency [DH82]. Coherent [LCL87]. Column [Kan84]. Combinational [AB80, Abr82, Ano80z, CV83, CV84, Cri80, EZS82, FT82, Goe81, GH80a, KW85, LM86, Mar87, MM83b, MM84, Obe80, RR86, Sav80b, Sav80c, Sav81, Sto80a, VS86a, VR83, BS89b, CHRR89, DK91]. Combinatorial [CH82a, OS82, Par81, RT85, Vui83, WM84, FW88, RK89]. Combined [DG89]. Combining [BBG88, PN85, Lee89b]. Comments [BC85, BW81b, Cas86, CV84, CC89, DK82, EA89a, Fet80, GY86, GKM86, Got81, HL86, Hur81, Hwa87, Kam80, Kor86, Kue82, LMP82, Laur81, MK83a, MG86, MA89, Nil84, Obe80, PTT81, PR81b, Rub81, Sig82, Spo82, Sto85, Smi89a, Str82, Ten83, VZMBH89, Weni85, Wor81, Wui81, YN83, YWW86]. Common [Tsi86]. Communicating [BR83b, DLC87, Len88]. Communication [CL84, EH85, GV84, GBG89, GS86, Hof85, HG87, IKS82b, IC82, KK80b, LLL81, LLS89a, PR82, RE80, Smi80b, Smi81b, Von83, Wit81, YZ88, FLN89, GC89, GZ88, JH89, WB88, YM88b]. Communication-Efficient [HG87]. Communications [A80x, DK86, Fra81, KK84a, LD87, RB82, Top89, Wan82, Gai89]. Commutativity [Wei88]. Commutativity-based [Wei88].
Compact [Cle84, HS84, KS86a].
Compaction [DLSM81, Fis81, GB83, IKI83].
Comparative [Cra85, MBC82, Max88, MWM80, Wah84].
Comparator [Bur84, Lee85a, Wei80, Bur82].
Comparators [HML84, TS84a].
Compare [LCW81].
Compare/Steer [LCW81].
Comparing [Uhr82].
Comparison [CH82a, DSK87, Fra81, OA83, SD87, HTDR88, YBL89].
Compatibility [HT86].
compatible [San88b].
COMPCON [Ano80d, Ano80e, Ano80f, Ano80y].
Competing [KL82].
Compilation [PKL80].
Compiler [MP87, Pol88, Coa88, CNO +88].
Complement [BVH83, Cha87a, Sas85, Dad89]. Complete [ATT81, Chu85, MI85, TTT80, VS86b, AA88, NM89]. Completely [BR80, CM87c].
Completion [Lee85a, MH80]. Complex [DDG80, Moh85, STR87, SGT86, ST86b, TPS85, BB88, Fum88]. Complexity [AM87, Arm80, But81, CGMP87, CLW80b, Fuj81, FT82, GV84, KA84, Le85a, Mar86, MS86, M87, MAV84, Par87, FC81, Ric84, Sas81, SB85, Tho83b, Tsa81, VS86b, BRG80, CHRR89, FL89, F88, SAA89].
Component [JK80]. Components [Clia80a].
Composite [Dad80, Muz80]. compound [HX88]. Compression [Hla86, RS87, SR86, RSK88, TR88].
Compressors [Gaj80]. Compac [Ano83l]. Compsac83 [Ano83m, Ano83n].
Computation [Abe84, BK84, Ebe87, Fr83, IC82, KUV85, Kon86, Kru83, LM85, Mor86, SSF80, WH80b, ACGK88, Ban88, CCWZ88, Kum88, Loz83, Mul85, SS89b, Smi89b, SKW88].
computation-intensive [Kum88].
Computational [Arm80, Cha84, LP84, LP85, Mel87, NJM83, MS89].
Computations [CGMP87, GNK86, KT87, HTK89, NS88]. Compute [SBGS86]. Computer [AR83, Ame82, AAG +87, Ano80-32, Ano80-33, Ano80-34, Ano80-35, Ano80-36, Ano80-37, Ano80-38, Ano80-39, Ano80-40, Ano80-41, Ano80-31, Ano80-42, Ano80-43, Ano80-44, Ano81r, Ano81w, Ano81x, Ano81-29, Ano81-30, Ano81-31, Ano81-32, Ano81-33, Ano81-34, Ano81-35, Ano81-36, Ano81-37, Ano81-38, Ano81-44, Ano81-45, Ano82d, Ano82-33, Ano82-28, Ano82-34, Ano82-29, Ano82-35, Ano82-30, Ano82-36, Ano82-31, Ano82-37, Ano82-32, Ano82-38, Ano82-39, Ano82-40, Ano82-41, Ano82-42, Ano82-43, Ano82-44, Ano82-60, Ano82-61, Ano83s, Ano83t, Ano83u, Ano83v, Ano83w, Ano83r, Ano83x, Ano83y, Ano83z, Ano83-27, Ano83-28, Ano83-29, Ano84h, Ano84i, Ano84j, Ano84k, Ano84l, Ano84m, Ano84n, Ano84o, Ano84p, Ano85g, Ano85h, Ano85i, Ano85j, Ano85k, Ano85l, Ano85m, Ano85n, Ano86h, Ano86i]. Computer [Ano86j, Ano86k, Ano86l, Ano86m, Ano86n, Ano86o, Ano86p, Ano86q, Ano86r, Ano87-27, Ano87g, Ano87h, Ano87i, Ano87j, Ano87k, Ano87l, Ano87m, BI80, Bi87, BW88, BA84a, Bla83, BR86, Boo81, CS80a, CP82b, CA86, CF81, CL81, DG80, FTY87, GP86, Gav87, GT83, Ger82, GJ80, GT80, G83, GT87, GKS87, HTOS80, HL84, HL80, HR86, HN80, Hwa87, KK80b, KC87b, LMO84, LL83, LM82b, Lin84b, MT85, MFW80, NS82a, Niz83, Niz84b, Niz84a, OA83, PGR86, Pra80, RGA85, RM86, RB83c, Ros85a, RW84, SS80, SW84, SL80, SL84, Slo85, SS81, SM82, Sta84, SG85b, SBM87, TV82, Wan82, Wei80, WV80, YK82, YH84, YPD83, BGM88, Con89, DJ88, KHS88, K89, MI89, MS89, San88a, San88b, SG89, TH89].
computer [WJ85]. Computers [CH84, ED80, Hoc83, HI80, HG87, PS80, Sah84, Sez87, SWP86, St83, Uhr82, WA80, BP89, Car88, HCP89, Par89, Wai88, Ano80b, Ano81a, Ano81-39, Ano81-40, Ano81-42, Ano81-43, Ano82a, Ano82-47, Ano82-48, Ano82-49, Ano82-50, Ano82-51,
Ano82-52, Ano82-53, Ano83a, Ano83-31, Ano84a, Ano86b, Ano87a, Ano87q.

Computing [AP86, Ano81s, Ano82j, Ano83k, Ano85a, BK87, Cur80b, Fan87, GM82a, GMK85, GLS82, Hay84, Hon82, Hon85, HKR84, JMKN86, Kar81, LM88a, MLE82, McG80, Mey80, PS83a, RTB81, Ren84, ST85, Sta87, Sti80, TL88, TCH+86, Vai82, Vui83, WTS+85, Bok88, RK89, SL88b, Tys88].

Concentrators [NM82].

Concept [KK86, Tha84b, NK88b].

Concepts [Ren84, RM83].

Concerning [Jes80b, OS82].

Concurrency [HT83, Li87, SLJ88, Wei88].

Concurrent [Ell80, Got85, JTP85, Lun87, MM88, NK88a, PF82, PF83, PS87, QK85, Sel84, SSF80, LCF89, NH88, USM89]. Condensed [WM86]. Conditional [MH80]. Conditional-Sum [MH80]. Conditions [Kod81, VS86a]. CONET [WK81].

Conference [Ano80c, Ano80-47, Ano80-48, Ano80-49, Ano80j, Ano82d, Ano82v, Ano82b, Ano82c, Ano83j, Ano82u, Ano82w]. Configurable [BBB+82, LW89]. Configuration [LP83]. Configurations [CHL83]. Configuring [AS87a, KL82].


Consistent [CG80].

Constant [CG87, Li85, TW83].

Constrained [SG85b]. Constraint [CS80a, LY83]. Constraints [ZRS87, GZ88, Pro89]. Constructing [Blo88, CE87, HG87, Kri87]. Construction [CW80, JK80, OJ87a, Miy89, WB88].


Content [Bai87, MBC83, PN85]. Contents [Ano80-50]. Contiguous [BS83].

Continuous [SG85b]. Continuous [GZ88]. Contract [Sm81b, Sm80b]. contracts [SO89].

Control [ASP87, AC82, Bis85, CA86, CS80b, CF81, D85, DC81a, DV83, Dun85, EHS80, EHM80, FH86, GC80, GF87, Hol82a, IM87, IK85, JTP85, JH80, KK84c, LL81, Lee87, Li87, LC87a, MT85, MS882, Mic83, Oru84, OJ80, PS87, PS85b, RB83c, SS87, Sm81b, Sm81b, Sta85, ST87, TS86b, WF83, WS82b, J89, C88, GC89, HT88, Kuma89, LCS89, RB88, San88a, San88b, SLJ88, SW89, Wei88].

Control-Unit [JH80]. Controllability [Sav83a]. Controlled [Bud83, C80b, CH83, RJ80, YL81, AJ89].

Controlled-Precision [CH83].

Controller [KYS80]. Controllers [TL80].

conventional [EL87]. convergence [LP89].

Conversation [KY89]. Conversion [CSR86, Hua83, Kri83, Muk87, Ulm83, Yue80, EL87]. Convert [Pro83]. Converter [FT8+80]. Convex [LS82a, MS88b].

Convolution [BP83, HL80, Jen81, Lam83, TLR83, FLN89]. Convolutional [RT86].

Convolutionally [Met82].

Convolvers [Ers85].

Cooley [NS87].

Cooperation [Klu83].

Cooperating [HLS87].

Cooperating [DLC87].

Cooperative [LF80]. Coordination [CS84]. Coping
[LW86a, Nic89]. **Copyright**
[Ano82-45, Ano82-46, Ano83-30, Ano84q, Ano84r, Ano84s, Ano84t, Ano85o, Ano86s, Ano86t, Ano87n]. CORDIC [HT80].
correct [MS88a]. Correcting
[BR82, Che83, Che86a, ES80, HGS83a, KF82, NGP86, Red87b, Shi82a, TF82, ZW87, BV89, LB88]. Correcting/All
[NGP86, BV89]. Correcting/Detecting
[BK82, Pra80]. Correction
[Adi84, ATT81, Ano80z, Ano81z, Ano81y, Ano81-27, Ano84f, Ano85c, Ano85d, Bur84, CH83, CF80b, DO86, Hou87b, Kar81, KM84b, LP85, MBR82, Niz84b, Par81, Pra86a, Ram83, Smi81b, TF82, TB82, TS87, VRF83, Duy89, Kak85, LCF89].
Corrections [Ram86b]. correctness
[PL88]. Corrector [BAR87]. Correctors
[Chi80a]. Correlation [RS85, SSF82].
Correlator [Cur80a]. Cosine
[KR82, Kit80, WG80]. Cost
[CS80a, Gai85a, KYS80, RS83b, Ste83, LPI88, NPP88, WH88]. Cost-Effective
[Ste83]. Cost-Performance [RS83b].
Counters [Cur80c, Dad80, DC81b, DC82].
Counting [Coh85, SW82]. Coupled
[ASK86, KT81, LF80, RV82, BL89].
coupling [CFP89, DLY89]. Cover
[Bes86, PA81]. Coverage
[AM80, DT89, Kha84, MST85, RT85, RT86, TAF87, WB81, GHS80]. Covering [YM85].
Covers [MS86]. CPAC [JTP85]. CPC
[SGL89]. CPU [HS89, IR86, Smi87]. Crash
[Hag86, TS86a, TS87]. CRAY [CS88b].
CRC [Wei80]. Creation [Lin82]. Criteria
[Miy89]. Criterion [Kre87, ST85]. Cross
[RBS83b, SB83]. Cross-Bar [SB83].
Crossbar [Fra81, LVA82]. Crossover
[SYK89]. CrossoverNet [SYJ89].
Crossovers [McC81]. Crosspoint
[RBS83a, RB88]. crosspoint-irredundant
[RB88]. Crosspoints [NM82].
Cryptographic [MTMA85]. CSMA
[ASP87, SD89b, YH84]. CSMA/CD
[ASP87, SD89b]. CSMA/CD-based
[SD89b]. Cube [AS82a, AG81b, Bha83a, CCSV85, CS87, NS82a, Oru84, OI87b, SL87, AP89, BF89, Esl89]. Cube-Class [SL87].
Cube-Connected [CCSV85, Oru84, BF89]. Cubic [Sto80b]. cubical [Ban88].
Cumulative [DG86]. Current
[Kar82, TOM81, YM86a]. Cut
[IM87, Kri84]. Cutset [HR87]. Cutting
[Jou86]. Cycles
[CCSV85, HSE84, Ban88, LHC89]. Cyclic
[Red87b, Shi82a, TLR83, Che88a, RN88, SGI89, WM88a].
d [FYD84, FLN89, Gai88b, KR82, Rot86, Yue80, wu87b]. D-MESFET [HM89]. DAG
[Gel81, Srl83]. DAG-Based [Gel81]. daisy
[SL89]. DASD [Bra83b]. Data
[AS82b, AO80, AK88, Ano80-46, Ano82x, BYH87, Bes83, BE87, CH84, Cli80b, Cur80a, Dem85, DGT84, El85, ED87, FYAV87, Fla82, Gau86, GKS87, HKSS86, Hla86, IK82b, IK183, JK82, Jes80b, KBB86, LP81, LM87b, Lei84, LF80, Len85, LAS87, McG80, MS82, Mel87, Met83, PGR86, RM83, RG85, SM82, TB82, TKK86, WFL82, YYF85, CICR88, GW89, HIT88, LL88, LCF89, PL88, Rl89, RS88, WG88, Wei88, Ano80g].
Data-Flow [Gau86, GW89, WG88].
Data-Flow [Cur80a]. Database
[AS81r, BYH87, BF89, BFHW82, CP82a, CL84, CP82b, CH82b, CH83, GP86, Hag86, Hon85, Pera86b, QIl85, RFL86, Sto84, WWS84, YK82]. Databases
[Che82c, DGS80, GC80, Lee80, Li87, QIl85, SBK85, Str82, DG89]. Dataflow
[GT80, BS89c]. DB [LY87]. DC/DC
[LY87]. DBEC [DC87]. dc [VSV81].
DCFL [HM89]. deadline [HTT89].
Deadlines [RS89]. Deadlock
[DS87, Gel81, Ikr82a, ED88].
Deadlock-Free [DS87, Ikr82a]. Deadlocks
[RB89b]. DeBrujin [EH85]. Debugging
[LMC87, MH81]. December [Ano82-28,
developing [Kap89]. Development [Abb83, De 82a, KYSY80, McG80].
Developments [Fu80, RA80]. Device [WSR84]. Devices [KT81]. DFSP
[HKSS86]. DFT [TRH+88]. Diagnosability [NN86, SSVV81, SS86, SS86, VSV81,
YM87b, YM87a, KK88, SAA89, YM88b]. Diagnosable [CH81, DM84, DMY85, Dah86, MD86,
SSF80, YM87b, YML86, CA89, Sul88].
Diagnosing [WGT81]. Diagnosis [AB80, AB82, Abr82, AG81b, Bha83a, But81, CFP89, CV84, DM83a, DM83b,
DSK87, EZS82, FW81, HN84, HS81, HS85, HKR84, HC86, MM80, Man80, MK84,
Mey84, SSF80, SAA87, VHD82, VH84, Zhi84, DSH89, HKR88, Hs89, KH88,
LZM89, SAA89, YIM88]. Diagnostic [KK85]. Diagnostics [OJ80, GS89].
Diagonalization [WOH84]. Diagrams [AR86, CE87, Hoc87, Lee82].
Diameter [DF84, II81, II83, SGB86]. Diameters [BR86, ISO85]. Dictionary
[AK85, ORS82, SS85a, SL87, SA85].
Difference [LA85, MD86]. Different [SS85a, Max88]. Differential
[BR83a, GLS82, Sto80b]. Digit [IOS3, Owe83, ZB87, Par88]. Digital
[AR86, Agr81, ADG+85, BPM+86, Bry84, Cli80b, Cur80a, FTT+80, GM82b, HP82,
Jen81, Joh80, KW81, KA87, KC87a, KS80b, LM87b, Lei84, Maj85, MS81, MB80, RB83c,
Red87a, RW84, Shi82b, TL80, TRYS83, TT88, UT86, ZN80, ZG81, Bou89, Gy89,
MG88, PP88]. Digraph [FYD84].
Digraphs [Culi80, HP88]. dimension [Thi80]. Dimensional
[AC84, KA87, LL84, NJM83, TL83, DIN88, HCMP89, KR89a, SS89b, SKW88, TSM88].
DIMOND [JK80]. Diogenes
[Kor86, Ros83]. Direct [Bes86, Fro83,
Hol82a, MG86, Pap83, PA81, AP89, DD88a].
Directed [II83, ISO85]. disambiguation
[Nic89]. Discrete [CF80b, Dav80b, DD81,
FYAV87, KR82, MG86, Mul85, Pap83,
RTB81, SD87, TCH+86, Bon83a, WG80].
disjoint [JC88, NC88b]. Disk
[Kim86, CCF89, Mc85, RB89a]. Disks
[Lei84]. Displays [CH85a]. Distance
[CW83, Coh85, PC89]. Distributed
[Ano82], Ano82-58, Ano84f, Ano86c, ACD82,
BYH87, CP82a, CCWZ88, CA80, Che82a,
CL84, Che82c, CP87b, CA83, CA86, CVY83,
CH82b, CH83, CLH84, CH85b, CL87, CS89,
CN82, CMM87, DHS85, DK86, EDH80,
Ell85, FHI80, GM82a, GKM85, GC80, GP86,
Gav87, GLS82, GFM83, GF87, GJ80, HS85,
HKR84, HKR87, IK82b, KT87, Kar81,
KW89, KO87, KH88, KSB87, KC87b, LL83,
LF85, LYT87, LE80, Li87, LM85, Lo88,
MLT82, MK83a, OK83, Pat80, PS87, PR82,
RSZ89, Ram88, Ram89, RB89b, RSS85, SS80,
SBK85, ST85, SC87, SC89, Sie81, Smi80b,
Smi81b, Sta84, Sta87, Sta88a, SD87, VM87a,
Wah84, WM85, WV80, Wor81, YH86,
YGZ+87, Zak85, ZN80, AA88, Bok88, Con89,
HKR88, Hoo89, KHS88, KK89, KWFT88,
Kum89, KS89, LW88, MP89b, Mil88].
distributed [RKH88, San88a, SS89a, SD89a,
Sin9, SRC85, Sta88b, YM88].
Distributing [YTL87]. Distribution
[IK82b, KK82, KSW88, Lak84, Jou89,
MP89c]. Distributions
[DG86, Har86, JLS85, Sch89]. Distributive
[LS85]. Distributor [GSS86].
Diversity [AK88]. Divide [GW84, HZ83, PF83, ZG87].
Distribute-and-Conquer [GW84, HZ83]. Divided
[GC80]. Division [Bus83, KM83b, Li85, MPPZ88, Par87, PP87, Tsa83, ZH85].
Division-Free [Tsa83]. Do [Sav93a].
Domain [SGB87]. Domains [RB83d].
Don’t [Bra83a]. Double
[KF82, Sav86, Uug81, MI89, RS88b].
Double-Edge-Triggered [Uug81].
double-loop [MI89, RS88b]. Doubly
[DH85]. DPM [Mil88]. Driven
[Bra83b, WG88]. Dual
[Ano81z, BPM+86, DHR80, ST86a,
HTDR88, VZMBH89, Wan89]. **Dual-Mode**

Ano81z, DHR80]. **Due** [RW81a]. **Dyadic**

Bes83]. **Dynamic**

AJ82, AL85, CP87b, Fen85, HKR84, IS84, KK80a, KK82, KK87, Kob83, Kob84, LL80, MP9b, NS88, Niz84b, Niz84a, Ree84, SD89a, SH84, ST87, UR88, WBA83, JS88]. **Dynamic-Full-Access** [SH84]. **Dynamical**

SSVV81]. **Dynamically**

BS86, BBB+82, HTOS80, Hur81, Pra85a]. **E/D**

HM89]. **E/D-MESFET** [HM89].

earliest [HTT89]. **Early** [MH80]. **Easily**

Bha83b, SKF83, SF84, SH81a, YL81, JP88]. **East** [Ano81b, Ano81c, Ano82e, Ano82f]. **EC**

LB88]. **Edge**

AT81, Sto80a, Uug81, LS89b]. **Edge-Tracing** [Sto80a]. **Edges**

CW80]. **Editor**

Ano80-27, Ano80-28, Ano81-28, Ano82y, Ano82z, Ano82-27, Ano830, Ano83p, Ano84g, Ano85e, Ano85f, Ano86e, Ano86f, Ano86g, Ano87e, Ano87f, Fen84b, Fen84a, Kar82]. **Editors**

Ano83q, BW81b, SJ84]. **Effect**

AB80, AB82, De 83, GKS87, Iye84, KP87, MA82, Jou89]. **Effect-Cause** [AB80].

**Effective** [LJ87, Ste83]. **Effectiveness**

BD83, Smi80a]. **Effects**

Cve87, DB82, SBMM87, MTS89]. **Efficiency**

But81, EZL89]. **Efficient**

Ano81y, Ano81-27, APD83, BH81, Bee88, Bha83a, CT84a, Cha83b, Dah86, Fam88, Fra83, FJ88, Gla80, Gor87, GHM87, HGS83b, Hon85, HG87, KK84a, KN84, Kon86, KH83, Lei85b, MS88b, NMB83, NPP88, Par86, PN88, QKS85, RB80, Sam80, SD89b, SA85, Vu85, Bos88, JK89, Miy89, Sin88b, THL88]. **Efficiently** [TTL86]. **Eight** [Chu85].

**Eighth** [Ano82x, election [AA88].

**Elections** [GM82a]. **Electronic**

Dem85, Sta88a, Sta88b]. **Element**

BS83, NJM83, SE87]. **elementary** [Mul85].

Eliminating [ZB87]. **Elimination**

Sor85, Sri83, AJ89, HQR89]. **Embedded**

AS85, KM84a, SMV87]. **Embedding**

AR82, GKS84, SKW88, CC88].

**Embeddings** [Gor87, SB88]. **Empirical**

Kob86, MK83b, Sav83b, Coo89].

**Employing** [Cur80c, ZN80]. **Empress**

BBB+82]. **Emulation** [BI86]. **Enclosures**

Vai82]. **Encoded** [Met82]. **Encoder**

HRT+84, MC86, ST88b]. **Encoder-Decoder** [MC86]. **Encoders**

Liu82]. **Encoding**

MG86, MAV84, Pap83, ST86b].

**Encryption** [Kak85]. **End**

IM87, SYJ89, SYK89]. **End-to-End** [IM87].

**Energy** [Hay86b]. **Engineering**

Ano81-44, Ano81-45, Ano82-61, Ano80c].

**Enhance** [SRO84, Soh89]. **Enhanced**

Har86, GNH88]. **Enhancement**

ASKL81, HA88, KR89a]. **Enhancing**

AKT86, Pol88]. **Ensuring** [KSB85].

**Enumeration** [EDH80, Goe81, YTY82].

**Environment**

BL83, Man84, SSS+83, BM89, UR88].

**environments** [LL88]. **Equal** [Weg85].

**Equalities** [Sam80]. **Equations**

ATT81, APD83, BR83a, ED83, GLS82, TT80, WK80, WH80b, AOES88, DD88a].

**Equipjoin** [Che82c]. **Equilibrium** [Fuk88].

equipartitioning [OM88]. **Equivalence**

BJ83, Mur81]. **Equivalent** [GH80b]. **Error**

Adi84, BP82, BR82, BR84, BL85, Bos86, CMS82, Che83, Che86a, CI87, Cll80a, DV83, Dun85, ES80, Fro83, Gai85b, HGS83a, Jen83, KF82, Kar81, MBR82, NK87b, NK88b, NGP86, PF82, PF83, Por82, Pra80, Ram83, Red87b, RTJ86, SL84, Shi82a, TY87, TF82, TB82, Tsa81, Tsa83, Van86, VRP83, WE83, ZW87, BGMS8, BV89, BS88, Gai88b, Kak85, LCF89, LB88, Loz83, MM88, MW88, SL88b, ST88b, THL88]. **Error-Correcting**

Che83, Che86a, ES80, HGS83a, Pra80, Red87b, Shi82a, TF82, ZW87].

**Error-Correcting/Detecting** [Pra80].

**Error-Correction** [Adi84, Kak85].

**Error-Detectable** [TY87].
Error-Detecting [BL85, Bos86].
Error-Detection [Che83]. Error-Trellis
[RTJH86]. Errors
[BS82, Don84, IR86, WR84]. Essential
[Kre87, Kuo87, MS88c]. Estimates
[HV87, MST85]. Estimating
[GM88b, KA84, LCS89, KT89a].
Estimation [CLH84, GK85]. ETH
[BBB82]. ETH-Multiprocessor
[BBB82]. Euclidean
[FYSK84, Man89]. Evaluating
[ED87, GMK85, HS89, JH80,
Kee83, Mar84, Mey80]. Evaluation
[Ano83q, BM86a, GJ80, GT87, GB83, HL84,
HNS84, Iye84, Kam80, KS80b, LS84, Maz87,
MFW80, Niz84a, PGR86, RB82,
SS81, SRC85, WS82b, Che88c, CC89, GT88,
KP81, LP88, Noe89, RB89a]. Even
[KH83]. Evolution [Aup83]. Exact
[Aky87, GNK86, HV87, TP87]. examination
[McC85]. Example [Boc82]. Examples
[Ren84]. Exception [Cri82]. Exchange
[AS87b, KDJ85, KJ86, Ste83, TKK86,
WF80c, WF81, BN88, LHC89, SR81a]. exclusion
[Siu89]. Exclusive [CH85b]. Exclusive-Writer
[CH85b]. Execution
[BG84, BE87, Cra85, FH83, HP87, KY89,
P87, Veg84, VM87a, KW98, NH88, PP88]. Exhaustive
[BCR83, Che88a, MTG83, TW83]. Existence
[Hon81, Kod81]. EXMAN
[PGR86]. Expected [ACGT84, MM83a]. Experience
[Dem82, GLS82]. Experiences
[FHH83]. Experiment [FH83, LE80]. Experimental
[LS80, CI89, HM89, US88]. Experiments
[DLSTM81, LMS81, LM83, SD86b, SG83]. Explicit
[Ulm83]. Exploit [Her87]. Exponential
[Kar84b]. Expression
[BBP88, VZ81, WS82b, Fos89]. Expressions
[BM86a, Kec83, SOA85]. EXTended [PGR86]. Extending
[Ano80d, Ano80e, Ano80f, Her87, Moh85, CCF89]. extension
[SK89]. Extensions [Mah80].
External [BS82, BLP84]. Extra
[AS82a, Bha83b, Pra83, Van86, GM89, LH88]. extra-stage [GM89]. Extraction
[WS82b, RJ89]. Extremum [WM84]. Extremum-Search [WM84].
Fabricated [YM86a]. Facility
[Lan87, VBH81]. FACR [Hoc83]. factor
[TRH88]. factorization [USM89]. Faddeeva
[HN88]. Failure
[BN88, CA83, HKR84, IBM82, Iye84, KH80,
KS86b, KR89b, PC81, RC89, SL83a, SLJ88]. Failure/Load
[IBM82]. Failures
[IKT81, Sav80c, SD80, VB84, WR84, MI89,
VM88, IYM88]. Fair [LS89b]. Fail
[Ano80d, Ano80e, Ano80f, Ano80y]. Families
[JS84, SS81]. Family
[VR86, JK89, USM89]. Fan [PP87, WB88]. Fan-In
[PP87, WB88]. Farey [Kri83]. Fast
[Ad84, BG84, CF80a, CT84b, DL86, Fet80,
Gna85, HGS83b, Hou87b, Jee80a, KR82,
Kam80, Kod81, KM83b, Li85, Pie87, PR81b,
RTB81, Sco89, SK89, SS89c, WHT84,
YGR87, wuz87b, EA90b, Fen89, Fis88, HN88,
Kap89, Par89, Sir89, TSM88, TRH88, TR88, WZ89, Hou87a, RJ82, TL83]. Faster
[Kal83]. Fat [Lei85b]. Fat-trees
[Lei85b]. Fault
[AB80, AB82, Abr82, AM85, AA88, AS82a,
AM80, Aga80, AF81, Agr81, Agr88, AP86,
AK87, Ano81z, Ano81s, Ano83d, Ano85a,
AG81b, AC82, BA86, BK87, BC85,
Bha83a, Bha83b, BI86, CD86, CP87a, CV84,
CH81, CS86c, CN82, Cos88, Coy80, Cri82,
DM83b, DM84, DAS86, DSK87, DK89,
Duo81, DHR80, DSH85, EZ82, EH85,
FW81, FJ88, FT82, GCV80, GM88a, GT83,
GBG89, GH80a, GS68, HA86, HA85, Hay84,
Hon82, HLR87, HA84, HC87, IK85, Iye84,
ID86, JA88, Kec84, Kha84, KPS80b, KB84,
Kor86, KSB85, KK86, KJC89, LS84, LF87,
LP88, MS81, MM80, MA82, MSS82, Mey84,
Mil82, MM83b, MM84, NK87a, NN86, OK83,
Ozg86, Pra80, PR82, Pra83, Pra85a, Pra85b,
Pra86a, RAE84, RV86, RT86, RB83d]. **Fault**
[Red87a, Red87b, Ren84, Ros83, Ros85b, Sav80c, SMV87, SY83, SL80, SCP+81, SSB87, SL83a, SH84, SL86, SlI82, Smi80a, Sti80, Tan84, TAF87, VR89a, VHD82, VH84, VR83, WAS0, WB81, Wu87a, YN84, YM86b, YML86, YM87b, YM87a, YH86, Zhi84, AK88, AL88, Ban88, BD89, BW81, CCWZ88, CI89, CM88b, CM88c, CC89, Coa88, DSH89, DT89, Esf89, Gai88a, Gai88c, GS89, GNH88, HKR88, Hos89, Jha88, KWFT88, KMS89a, KR89a, KSW89, KPR88, KR89b, KT89b, LLJ89, LLJ89, LW89, LZN89, Mey88, ML88, NK88b, Reg88, Sin88b, SKI88, SM80a, Sti80, Tan84, WA80, YH86, AA88, JA88, KJC89, LP88, VR89a, BD89, BW89a, CCWZ88, CM88b, CM88c, CC89, DT89, Gai88a, GMS89, Hos89, KR89a, KPR88, KR89b, KT89b, LLJ89, LLJ89, LW89, LZN89, Mey88, SKI88, Tys88, TYZ88, VR89b, VM88, Wal88, YM88, YM88b]. **Fault-Diagnosis**
[FW81, Hos89]. **Fault-Location** [Wu87a]. **Fault-Masking** [SMV87]. **Fault-Secure** [NK87a, NK88b]. **Fault-Set** [RB83d]. **Fault-Tolerance** [HKR87, SH84]. **Fault-Tolerant** [Hos89, KMS89a, KR89a, KSW89, KPR88, KR89b, KT89b, LLJ89, LLJ89, LW89, LZN89, Mey88, ML88, NK88b, Reg88, Sin88b, SKI88, SAA89, SSB87, SL83a, ST88]. **Fault/Transient** [DKM83a]. **Faults** [AM85, AMM86, BG86a, GH86b, Hay80, HC86, Kar83, KSS80a, KP80b, LMS81, LMS86, MS81, MK84, MM84, Oik87, Ozg86, PS85a, RT85, RB83a, RB83b, RR86, SKF83, SK85, Sav80a, SSB86, SN81, SR87, SB85, SR80, SR81b, SBMM87, XS85, YN83, YN84, YWW86, CFP89, KW89, MP89a, SM88, dJvdG88]. **Faulty** [BG86a, GMK85, KM89a]. **favorite** [Fis88]. **Feedback** [Che86b, Dav80a, KS80a, WM86, XS85, YN83, WM88a]. **Fermat** [TRYS83, TCH+86]. **FET** [RR86]. **Fetch** [LMO84, BD89, Sto84]. **fetch-and-add** [BD89, Sto84]. **Fetching** [HI80]. **FFT** [Ano81y, HL86, Hon82, Car83, CM88b, Gl80, JA88, NS87, SCNS83, TPSS85, WD84]. **fiber** [GC89]. **Fibonacci** [NN87]. **Field** [Eng81, NM83, Red87a, FM89, HTDR88, TRH+88, Wan89]. **Fields** [YRT84, Man89, Pin89]. **File** [KSY80, LL83, RW83, TS83, Tw83]. **Files** [BL80, CH85b, Met83, BBW88, SS89a]. **fill** [AJ89, fill-in] [AJ89]. **Filter** [Pra86b]. **Filtered** [Wus82]. **Filtering** [Red87a, TRYS83]. **Filters** [KA87, FS88]. **Finding** [Agg86, Bok84, GW84, Kan85, Tsi86]. **Finite** [CIP87, CHM87, Eng81, Fro83, HT86, KM83a, Mah80, MK85, NJM83, Oik87, Red87a, SE87, WGT81, Wan81, WR84, YRT84, HTDR88, Man89, Pin89, TRH+88, Wan89, KM84b]. **Finite-Segment** [Fro83]. **Finite-State** [CIP87, CHM87, Oik87, WGT81]. **Finite-Turn** [Wan81]. **FIR** [FS88]. **Fire** [Adi84]. **Firefly** [TSS88]. **FISHNET** [KHS88]. **Fixed** [CS80a, DV87, JS84, MF86]. **Fixed-Size** [DV87]. **Flaws** [SM82]. **flexible** [SRC85, WZ89]. **Flight** [MSS82]. **Flip** [Cha83a, LMP82, Mey88, Uug81]. **Flip-Flop** [Cha83a]. **Flip-Flops** [LMP82, Uug81]. **Flip-trees** [Mey88]. **Floating** [AP85, FG82, ST88b, Loz83, Sco89, WE83]. **Floating-point** [ST88b, Loz83, WE83]. **floating-slash** [SCO89]. **Flooding** [Top89]. **Flop** [Cha83a]. **Flops** [LMP82, Uug81]. **Flow** [ACGT84, AO80, BHY87, BE87, CH84, CS80b, CFH81, DGT84, Gau86, GKS87, HKSS86, IM87, KBB86, KS83a, LP81, LM87b, LC87a, MC88, PGR86, RM83, SS87, SM82, TJB86, GW89, LD89, SN88a, San88b, WG88]. fly [EL87]. **Forces**
ISO85, JS84, LS82b, RFS86, SE87, Van80, CI88, Mey88, SO89, Gray, [CS87, Er84, VS80]. Greedy, [DM83a, DM83b]. Grids, [AR82, CC88]. Group, [AK87, FMM84, PTC86, AK89]. Group-Parity, [FMM84]. Group-theoretic, [AK89]. Grouping, [LA85]. Groups, [OO87]. Growth, [KM89b]. Guarantee, [Sav83a]. Guaranteed, [GT88]. Guest, [Ano83q, BW81b, Kar82, SJ84]. Guided, [PK87]. H, [CC89]. Haar, [RJ82]. Hadamard, [Irs88]. Hamiltonian, [LHC89]. Hand, [RJ80]. Hand-Carried, [RJ80]. Handling, [Cri82, Gau86, Mur81]. handshake, [SL89]. Hard, [CMM87, DC81a, FH86, SRC85, Sta89]. Hardware, [AB86, Agr80, Boc82, Bur84, DM81, HP82, JO84, LS84, Lei85b, LM82b, MS81, Man84, MP83a, Muk89, PW81, PR81b, Pra86b, SD80, TP87, ACGK88, Bur82, CC89, KW89, SR88b]. Hardware-Efficient, [Lei85b]. Hardwired, [LC87b, Mic83]. Hartley, [Hou87b, Hou87a]. Hash, [Cle84]. Hashing, [Bur84, HNS84, Bur82]. Having, [AB86, Tam80]. HDLC, [LP81, Wan82]. Head, [SYJ89, CC89, SYK89]. Head-End, [SYJ89, SYK89]. Height, [Vai84, Vai86]. Height-Balanced, [Vai84, Vai86]. helix, [Dav89]. Hensel, [Kri83, Muk87]. heterogeneous, [BF88, SW89]. Heuristic, [Bes86, BG86b, Cha83b, DL87, Lo88, SW84, LD89], heuristically, [Sin89]. heuristically-aided, [Sin89]. Heuristics, [Kri87]. Hexagonal, [GKS84]. Hidden, [GF87, Gel89]. Hierarchical, [Abr82, CS80b, EHM80, Fen85, MP83b, SLS82, TRTN89, tCp88, Con89]. Hierarchies, [CS80a, GT82, Sil82]. Hierarchy, [MTMA85, Sil83]. High, [AO80, Cha87b, CHL83, CLP81, Cur80b, Cur80a, De 82a, HFP882, HP87, Kha84, LMO84, Maj85, NOYK88, OI87a, PKL80, Smi80b, Smi81b, SB80, SG80, TYY85, TY87, TAF87, UT86, WH80a, ZN80, ZG81, ZG87, Gai89, JP88, KHS88, LM88b, PP88, SBSM89, Sot89]. High-Level, [AO80, Smi80b, Smi81b, LM88b, SBSM89]. High-Performance, [CLP81, HP87, LMO84, Gai89, JP88, KHS88]. High-Speed, [Cha87b, HFP882, Maj85, OI87a, PKL80, TY87, UT86, WH80a, ZN80, ZG81, ZG87, NOYK88, TYY85, PP88]. Higher, [Bus83]. Highly, [Lun87, PL83b, BM887, Che88b, RJ89]. Highway, [CFM86]. hit, [WM88b]. HM, [SL82]. Hocquenghem, [OI87a]. Homogeneous, [Dim85, RFS86, KK88]. hop, [Pro89]. Horizontal, [DLSM81, IK83, MAV84, PB87, VBH81]. Hot, [PN85, YTL87]. Hot-Spot, [YTL87]. HP, [MPPZ88]. HPC, [LF85]. HRFC, [CS80b]. Hu, [MA89]. Huffman, [Par81]. hull, [MS88b]. Hundred, [Von83]. Hybrid, [DM83b, MM80, RTB81, RG85, SSB86, YM87b, YM87a, YM88b]. Hyperbus, [BA84a]. HYPERchannel, [CG87, FH84]. Hypercube, [BA84a, CS86a, DJ88, GS89, RS88a]. Hypercubes, [SS88a, Aoes88, CC88, HJ89, Kat88, SB88]. Hypergraph, [Ros85b]. Hypergraphs, [FYS84]. Hypernet, [HG87]. Hypertree, [GS81]. I/O, [KB85, LY83, PW81, RB89a, Sto89, WSR84, XS85]. IBM, [Kob83, PMSB88]. Ideas, [BE87]. Identification, [CH81, DM84, GH80b, YM86b, YL86, Slu88]. Identifying, [Dah86]. IEEE, [Boo81, Ano80-32, Ano80-33, Ano80-34, Ano80-35, Ano80-36, Ano80-37, Ano80-38, Ano80-39, Ano80-40, Ano80-41, Ano80-42, Ano80-43, Ano80-44, Ano80b, Ano81-29, Ano81-30, Ano81-31, Ano81-32, Ano81-33, Ano81-34, Ano81-35,
HI80, Kee83, Kob83, LMO84, NF84, SS87, SG85a, Sto84, VM87b, WS84, Coo89, Jou89].
Instruction-Fetching [HI80].
instruction-level [Jou89].
Instruction-Scheduling [Ary85].
Instrument [EHS80]. Instrumentation [SSS83]. Integer [BR83a, MPPZ88, PP87, Sav83b, STR87, STR86b]. Integers [Pre83].
Integral [TTB85]. Integrated [Cur80b, LZLH85, SSS83]. Integer [BR83a, MPPZ88, PP87, Sav83b, STR87, KK89].
Integrated-Circuit [LZLH85]. Integration [LL85, SL80]. Integrity [Lei84, Lu82].
Intelligent [SYJ89, Wei80, SYK89]. intensive [Kum88]. Interactions [Sta81]. Interactive [LF80]. interchangeable [LS88b].
Interconnect [MA82].
Interconnection [AS82a, Agr83, AL85, BA83, Blu85, CCSV85, CM87b, DSS87, DHR85, Dot84, FW81, FS80, FS81, FWT82, GS81, HAW85, HZ81, HC87, JS84, KS83b, KSS88, LS82b, LSD89, Maz87, NM87, OS82, OP84, OOB85, PL83a, PN85, PK80, RV86, RB82, Sez87, SH84, Sie81, SH87, VaI83, WF83, WA85b, WF80b, WF80c, WL81, YAS87, AKS88, AK89, BD89, BT89, tCp88, Che88c, DJ88, GM89, JW89b, KR99b, LS88a, LY89, Ski88, TYZ88, VR89a].
Interconnections [IS84, MB80, Pat81].
Interface [FTT80, RB89, RE80]. interfaces [RI89].
Interference [DK82, HV87, MBG83, MAS84, SMI85, TN81, YPD82, FUK88]. Interferences [Kan85]. Interleaved [RW81b].
Interleaving [Kim86]. Interlock [Mel87].
Intermittent [DM83a, LSM81, MS81, Sav80a, Sav80c, VR83].
Intermittent-Fault [DM83a].
Intermittent-Fault/Transient-Upset [DM83a].
Intermodule [CLH84]. Internal [HT83, OZG86, XSS85, GAI88c]. Internally [MM83b, RMCF88].
International [AN80c, AN80a, AN82], AN82b, AN82c, AN82-60, AN83b].
Internode [KK84a].
ipolating [Nooe89]. Interpretation [LE80, WG88]. Interpreter [BM86a].
Interpretive [Sta81].
Interprocessor [BS87a, IC82, RB82]. Interruptions [SHA81].
interrupts [SP88].
Intersection [CW83, Til80].
Intersections [BW80, GW84, SW82, WLC89].
Interstellar [Sin88b].
terval [Loz83].
Introduction [AR83, AP86, AN81-41, AN82-58, AN83q, AN83r, AN83s, AN84e, AN86c, AN86d, AN87b, AN87c, AN87z, CP82b, MIA87, SH87, WS84].
Issues [AN81-40, AN81-41, AN81-42, AN81-43, AN82-47, AN82-48, AN82-49, AN82-50, AN82-51, AN82-52, AN82-53, AN83-31, AP85, VM87a].
Issuing [AKT86].
Iterated [Fra83].
Iteration [LC87b, RS86a].
Iterations [FYD84]. Iterative [AC84, AOK88, KM83b, NAK86, Par87, PR81a, DD88, MAN89, MEL89].
Interconnection [AK86].
IV [RK86]. IV-Type [RK86].
Jacobi [LP89, WOH84].
January [AN82-59].
Japanese [MEN84].
JCIT [AN83].
Jerusalem [AN83].
Job [EHM80, FKY87, STA85].
Join [KA89].
Josephson [SG189]. June [AN82-59].
K. [CC89, MA89].
Kappa [KPR88].
Kernel [GB87, GAI89].
Known [CJ89].
Keys [MTMA85, WEG85].
Kleeman [EA89a].
Knapsack [KAR84a].
Known [MK84].
L [DD81, ETI80] . L. [EA89a].
Labeling [MTG85]. Ladders [CF80a].
LAN
Language [AO80, KAGER82, PW81, ACGK88, JC88, SBSM89]. Languages [AO80, Ano87c, Cra85, De 82b, LM82b, QKS85, TF82, Veg84, Wan81]. Languages [AO80, Ano87c, Cra85, De 82b, LM82b, QKS85, TF82, Veg84, Wan81]. Language [AO80, Ano87c, Cra85, De 82b, LM82b, QKS85, TF82, Veg84, Wan81].

Languages [AO80, Ano87c, Cra85, De 82b, LM82b, QKS85, TF82, Veg84, Wan81].

Large [AF81, APD83, Coh85, DM81, DLM86, DF84, FK85, Hwa87, Met83, Pre83, Q85, RGA85, SL80, SR87, Wit81, WL81, YTL87, AJ88, AOES88, BBW88, DIY88, HA88, PKP89, Sin88b, YS89].

Large-grained [AJ88].

Large-Scale [YTL87].

Latch [BJ83, Sav86, Fos89].

Latched [Cur80c].

Latency [CI87, SL86, CI89].

Laxity [HTT89].

Layer [CD88, PL84, Ric84].

Layered [KT85].

Layout [BK82, KH86, SOH+81, SS85b, UV81, SR81a, TS88b].

Layouts [Tri82].

Learning [OM88].

Least [Sto80b, GM88b].

Lee [CC89].

Left [Cha83b].

Length [AL85, BDW86, CM87a, Dan83, SB84, Wus82].

Lengths [dM88].

Lens [FS81].

Level [AO80, BIO82, BF83, BF80, Bry84, De 82a, HTOS80, IC80, LC87a, Mey84, OK83, PS83b, PS85b, Ram86a, Ram86b, Smi80b, Smi81b, SAA87, VM87b, WB81, Wus82, Jou89, KM89a, LM88b, SBSM89, WSC89].

LFSR [Hla86, WM86].

Liable [Hay84].

Like [HL82, Wai88].

Likely [Dah86].

Limit [Coo89].

Limits [LL81].

Limitations [dM88].

Load [ABK83, BW89b, CA83, KC87b, Lea86, SC89, WM85, Kum89, MTS89, SW89].

Load-Sharing [Lea86, SW89].

Loading [RW84].

Local [Ame82, Ano82d, BW89b, Bux83, Car84, CHL83, Coh85, DLSM81, Dav89, FT84, FYAV87, Gue86, Hwa87, Kam87, KM87, LCF89, LHPW85, RGA85, RG85, TV82, WFL82, YH84, YGZ+87, KHS88, KK89, KP88, Ram88, RN88, RS88b, WJ85].

Local-Area [Bux83].

Locality [Kob86].

Locatability [Kre87].

Locatable [GH80a].

Located [Met83].

Locating [IKT81].

Location [CD86, DHS85, GP86, K80a, LSM81, RB83b, Wus87a, YN83].

Locked [KSB85].

Locking [Lee80].

Logarithm [Kar84b, LA85, LC87b].

Logarithmic [LZLH85, TGJR88, ST88b].

Logic [Aga80, Ano81z, Ano83b, BG86a, Boc82, BM86, Bra83a, BCDM86, CH82a, Cra85, Cri80, Cur80b, Cur80c, DM81, DGG80, DHA80, DHH80, Feu82, Fuji81, FK81, FT82, Goe81, GH80b, Hay86a, HO81, Hura81, Hura84, KW85, KM86, KT81, LM82a, LM87a, LS80, LA85, MC86, MH80, MS86, MG86, Muk86, MR86, MH81, Ozz86, Pa86, Pap83, PR81a, Por82, RT85, RB83a, RB83b, RR86, RW84, SKF83, Sas81, SY83, SM87, SOH+81, SGA81, SB85, Smi80a, Sto80a, SB80, TY87, TOM81, TC84, TJB86, WS84, WW83, YK82, YM86a, YW86, ZS87, Zhi84, Bos88, Jha88, MLK89, YM88a, Ano80a].

logic/fault [Bos88].

Logical [GMG84, GMG84, HFPS82, Kar87, Kre87, DG89].

Logics [Hay84b].

Long [NF84].

Look [AM80, GMG84, KY89, Dor88].

Look-Ahead [KY89, Dor88].

Look-Up [AM80, GMG84].

Lookup [Par87].

Lookups [YM88b].

Lists [Ano82-59, Ano84-30, Ano84-31, Ano85x, Ano86-32, Ano86a, Ano87o, Ano87w, Ano87y].

Lists [Dav89].

LMS [MP83c].

Links [YM88b].

Logic [Aga80, Ano81z, Ano83b, BG86a, Boc82, BM86, Bra83a, BCDM86, CH82a, Cra85, Cri80, Cur80b, Cur80c, DM81, DGG80, DHA80, DHH80, Feu82, Fuji81, FK81, FT82, Goe81, GH80b, Hay86a, HO81, Hura81, Hura84, KW85, KM86, KT81, LM82a, LM87a, LS80, LA85, MC86, MH80, MS86, MG86, Muk86, MR86, MH81, Ozz86, Pa86, Pap83, PR81a, Por82, RT85, RB83a, RB83b, RR86, RW84, SKF83, Sas81, SY83, SM87, SOH+81, SGA81, SB85, Smi80a, Sto80a, SB80, TY87, TOM81, TC84, TJB86, WS84, WW83, YK82, YM86a, YW86, ZS87, Zhi84, Bos88, Jha88, MLK89, YM88a, Ano80a].

logic/fault [Bos88].

Logical [GMG84, GMG84, HFPS82, Kar87, Kre87, DG89].

Logics [Hay84b].

Long [NF84].

Look [AM80, GMG84, KY89, Dor88].

Look-Ahead [KY89, Dor88].

Look-Up [AM80, GMG84].

Lookup [Par87].

Loop [BM81a, Hwa87, RGA85, WOH84, WI84].
MI89, PK88, PKP89, RS88b].

Loop-Structured [WI84]. Looping [SC87].
Loops [AG81a, BG84, CF80a, HL82, Koba4, LAS87].
Loosely [LF80]. Loss [FG82]. LOTOS [CFM+86].
Low [Gai85a, HTOS80, Kha84, KYSY80, TAF87, LP88, NPP88].
Low-Cost [Gai85a, KYSY80, LPI88, NPP88].
Low-Level [HTOS80]. Lower [BNM86, BD80, DO85, DO86, NM82].
Lowest [Tsi86]. LRU [WM88b]. LSI [CL80, GCV80, LS80, RJ80, SOH+81, Wei80].
M. [MA89]. Machine [Ano80-46, Ano80g, Ano81-27, AK85, BH81, BYH87, Bha83b, GMLV84, GM87, Hon85, ORS82, Qb85, RTY+88, SBSM89, ST86a, SA85, WR84, HM89, Jou89, NOYK88, VZMBH89, AGCK88].
Machine-Independent [Ano81-27, BH81, RTY+88]. Machines [BH84, CIP87, CHM87, Cul80, DLSM81, DS80, Gai81, Has84, HP87, IKP86, Kla83, LM83, MAV84, Oik87, PK80, Sal80, SD86a, SD86b, SS85a, SL87, SCP+81, Tam80, UT87, WGT81, WC83, WR81, Yam80, BRG89, BF88, B898c, Bur88, D888c, Kap89, SGB89].
Manipulations [AN84]. Manipulator [AS82b, MS82, LL88]. Mapping [Bok81, LA87, MF86, RFS86, SE87, KT89b, LW89]. March [SR81b]. Marginal [Cha83a].
Matrix [APD83, Ebe87, GGNK86, HA84, HC82, LR80, Mel87, MT87, O’L87, RV84, ST87, Tha84a, Tsai81, Twi83, VRF84, VR86, Wan81, EA89b, Fam88, JK89, LP88, VR89b].

Measure [MS81, YM87a, GT88]. Measured [Cha83a]. Measurement [Ame82, CI78, De 82a, F84, FH83, IR86, PL83b, SL86, BM89, MI88, SL88b]. Measurement-Based [CI87, IR86].
Measurements [AP85, WS88]. Measures [CGMP87, Man85, PC81, Smi80a, S82, UHR82, Esf89, ST88]. Measuring [Kum88, NF84]. Mechanical [MSS82].
Mechanism [BL86, Cas86, Len85, SP82, FY89, LEN88, LW88]. Mechanisms [BGM87, VM87b]. Membership [Ano85y, Ano87x, Til80]. Memoriam [Bou81]. Memories [BW81a, BR84, BD83, CLW80a, DL86, Fen85, HJ87, Hay80, KKS4b, OJ85, PSS85a, Pat82, RW81b, Ric86, SMV87, SN81, Smi87, SS82, SM82, SR80, SR81b, WV8L8, BGM88, CCW88, FGH88, MP89a, MW88].
Memory [AS87a, Bai87, Bhu85, Bhu85, BL80, BS83, Cha80, CS80a, Che86a, CS86b, CLW80b, CLP81, CM87b, CM87, D80b, DGS80, DV83, Dum85, ES80, Fett80, GMLV84, GK83, FY86, GGN+83, Hag86, HNS84, HV87, IC80, IS84, Kan81, KF82, Kan84, KK84b, KS82a, KS86a, KYSY80, KL82, LV82, LV85, LJ87, MCG83, Met82,
MBR82, MAS84, NS87, Par86, Pat81, RW81a, RB83c, Sig82, Smi85, SD87, Str82, ST87, Tan84, Ten83, VRP83, Weg80, YPD82, AJ89, ALL89, CFP89, CI89, CM88, FM88, Fuk88, LP88, LD88, Noe89, PBL89, RTY+88, SV88, SD89a, SGI89, Soh89.

Memory-Based [CHM87].
Memory-Resident [Hag86].
Merge [KH83, McC85, SSS89].
Merged [Swa80].
Mergesort [KB85].
Merging [AS87a, Bil89, Kru83, Par81].
Merit [Aup83].
Mersenne [TKL86].
Merwin [Boo81].
MESFET [HM89].
Mesh [LSSS85, MS89, Pre83, Sto83, BP89, Car88, SB88, UR88, Wai88, Wai88, Wai88, Wai88].

Mesh-Connected [LSSS85, Pre83, Sto83, BP89, UR88, Wai88].
Meshes [SE87].
Message [DS87, FJ88, WA85b, Len88].
message-passing [Len88].
Messages [LM85].
Metastable [KC87a]. Method [Ano81y, Bes83, Che82c, Fro83, FM84, GH83b, Gla80, JL85, Moh85, OI87a, PS85a, PS85b, PA81, Ry82, SL83a, Yam80, Irs88, MKLC89, PC89, SS89a]. method-design [MKLC89]. Methodology [HL84, IK82b, KH86, JP88]. Methods [BAR87, De 82b, HR87, Mur81, RS87, SD86a, UT87, WK80, LP88]. Metric [JH80]. metrical [GM88b].
Microarchitecture [AP85].
Microcode [DLSM81, Fis81, GB83, MP83b, SG83].
Microcomputer [FTT+80, IC80, KH80].
Microcomputers [Wit81].
Microprocessor [Abb83, Ano81-27, BH81, MH81].
Microprogrammable [HTOS80, ZN80].
Microprogrammed [BIO82, Bis85, IK85, MAV84, RB83c].
Microprogramming [RA80].
Microprograms [IK83, TTT81].
MICROS [WV80].
might [Fis88].
migration [SD89a]. Migrations [Sta81].
MIMD [BBB+82, GGG+83, MS82, UR88].
Min [Kri84]. Min-Dec [Kri84].
Minicomputers [AGL+80]. Minimal [CM87c, DTF80, IKT81, SB88, SB80, YM85, RB88, RI89]. Minimally [Pag80]. Minimax [ST85]. Minimization [FGPT89].
Minimization [BS86, Bis85, Car84, GMG84, IC82, RB83c, Ry82, Rot86, Zhi84, NNM89]. Minimize [BDW86, II81].
Minimizing [ACGT84, FTY87, Yam80].
Minimum [BP85, Bus83, CP87a, CW83, FS88, GY83, IA83, LM87a, LW87, MS86, Nak87, PC89, Pr81, SM83, Sie85a, WWS87, CH89, CBAP89, HT89, Kap89]. Minimum-Area [LSS87].
Mixed [CSR86, DS80, Hua83].
Mixed-Mode [DS80].
Mixed-Radix [CSR86, Hua83].
Mobile [GM88b]. Mode [Ano81z, DHR80, DS80, TO81, YM86a].
Model [Ary85, Bry84, CMS82, Che82b, CM87b, CH87, De 83, HT86, IR86, LF85, LE80, MLT82, Mar84, M83a, Mey84, MP83b, Ros85b, SS80, SY83, SS86, SN81, SL84, Smi85, WHT84, WA80, WS82b, WH80b, WK81, AK89, AL88, BC88, tCp88, KM89a, MAS85, Sch89].
Modeling [Ano85d, BL89, DGT84, FHH+93, JA85, KM87, KP87, MBC83, MP89c, Niz83, PS87, RE80, SL88b, Wei82, DT89, HHT88, SL89, WS88].

Models [Bra89b, CG87, DLM86, DG89, GCV80, Gav87, HT82, HT83, IDH86, KBB86, Li87, MG82, M84, SS85a, SGT86, Sny81, SD87, TB86, Tow86, BBG88, GZ88, KM89b, RN88, SS89b].
Modern [Lin82].
Modification [Mar81, Sto80b].
Modified [Car88, Don84, NH88, TS88a]. Modified-mesh [Car88]. Modular [Abr82, ABT82, AGL+80, BK87, BS88, CAV86, FW88, HA86, JK80, KH80, Oge80, RV84, SaI80, SLJ88, Van86, VH84, PNH88]. Module [CH82a, NKY+80, SD80, Wai88].

Modules [FYK87, SGA81, ST87, WF80a, RMCF88].

Modular [Abr82, ABT82, AGL+80, BK87, BS88, CAI86, FW88, HA86, JK80, KH80, Oge80, RV84, SaI80, SLJ88, Van86, VH84, PNH88].

Module [CH82a, NKY+80, SD80, Wai88].

Modules [FYK87, SGA81, ST87, WF80a, RMCF88].

Moduli [GMG84].

Modulo [Bla83, Jul80, RY82, Slo85, WH88]. Modulo- [RY82]. modulus [SK89].

moments [dM88]. Monitoring [SS87].

monotone [CHRR89].

MOS [Ano85d, CV84, Ram86b, Bry84, CL80, DB87, EIS82, GCV80, JA85, NC88a, Ram86a, SOH+81, TS84a, TS88b]. Most [Dah86].

Movable [GCW83]. Move [Len85, TL80]. Movements [Fla82].

Moving [Mos87]. MP [AG82, CS86b].


multi [Pro89]. multi-hop [Pro89].

Multiaccess [BW89b, DJ88, WJ85].

Multibus [LVF83]. Multicache [YYF85].

multicast [Gai89]. Multicomputer [AL82, BS86, IBM82, KK87, KK85, ST87, WM84, BF89, GM88a, KK88].

Multicomputers [NM87, VW84, RS88a].

Multicopy [Lee80].

Multiaccess [BW89b, DJ88, WJ85].

Multibus [LVF83]. Multicache [YYF85].

multicast [Gai89]. Multicomputer [AL82, BS86, IBM82, KK87, KK85, ST87, WM84, BF89, GM88a, KK88].

Multicomputers [NM87, VW84, RS88a].

Multicopy [Lee80].

Multidimensional [CF80b, GS87, KS83a, Vai84, Vai86, Vai89, Ata88, PKP89].

Multigrid [CS86a]. Multithop [CP87b, CK87, CS89]. Multilanguage [BF88].

Multilevel [GT82, Kar87, Shi82, Sta81]. multigemabit [JP88].

Multiprocessor [RS83b, Ree84, WL81].

Multimicroprocessor [SLS88, SN88].

multimodule [SL88b].

Multimodule [SL88b].

multimodule [SL88b].

Multimodule [SL88b].

Multimodule [SL88b].

Multiplexers [Pal86].

Multiplexing [Cii80b].

Multiplication [BD80, JuI80, LR80, MPPZ88, Med87, Moh85, Nak86, RV84, Tsa81, VR84, VR86, BS88, Fam88, JK89, Pin89, SS89c, TYY85, VR89b].

Multiplications [VSH89, WSI85].

Multiplicative [TKL86].

Multiplier [BV83, Gna83, Gna85, HRT+84, Joh80, MBH89, Pre83, RS86b, SRO84, STR87, Sp82, SR82, TY87, TH82, Tay82, Tay83, wu87b, FM89, NC88a, Smi89a, Zho88].

Multiplier/shifter [MBH89].

Multipliers [MSV80, SF84, YRT84, Che88b, Dad89, HTDR88, Van89].

Multiply [PF83, ZG87].

Multiport [SMV87].

Multiplication [Cii80b].

Multiaccess [BW89b, DJ88, WJ85].

Multibus [LVF83]. Multicache [YYF85].

multicast [Gai89]. Multicomputer [AL82, BS86, IBM82, KK87, KK85, ST87, WM84, BF89, GM88a, KK88].

Multicomputers [NM87, VW84, RS88a].

Multicopy [Lee80].

Multidimensional [CF80b, GS87, KS83a, Vai84, Vai86, Vai89, Ata88, PKP89].

Multigrid [CS86a]. Multithop [CP87b, CK87, CS89]. Multilanguage [BF88].

Multilevel [GT82, Kar87, Shi82, Sta81]. multigemabit [JP88].

Multiprocessor [RS83b, Ree84, WL81].

Multimicroprocessor [SLS88, SN88].

multimodule [SL88b].

Multimodule [SL88b].

Multimodule [SL88b].

Multiplexers [Pal86].

Multiplexing [Cii80b].

Multiplication [BD80, JuI80, LR80, MPPZ88, Med87, Moh85, Nak86, RV84, Tsa81, VR84, VR86, BS88, Fam88, JK89, Pin89, SS89c, TYY85, VR89b].

Multiplications [VSH89, WSI85].

Multiplicative [TKL86].

Multiplier [BV83, Gna83, Gna85, HRT+84, Joh80, MBH89, Pre83, RS86b, SRO84, STR87, Sp82, SR82, TY87, TH82, Tay82, Tay83, wu87b, FM89, NC88a, Smi89a, Zho88].

Multiplier/shifter [MBH89].

Multipliers [MSV80, SF84, YRT84, Che88b, Dad89, HTDR88, Van89].

Multiply [PF83, ZG87].

Multiport [SMV87].

Multiplication [Cii80b].

Multiaccess [BW89b, DJ88, WJ85].

Multibus [LVF83]. Multicache [YYF85].

multicast [Gai89]. Multicomputer [AL82, BS86, IBM82, KK87, KK85, ST87, WM84, BF89, GM88a, KK88].

Multicomputers [NM87, VW84, RS88a].

Multicopy [Lee80].

Multidimensional [CF80b, GS87, KS83a, Vai84, Vai86, Vai89, Ata88, PKP89].
Dem82, Dim85, GS81, HV87, HZ81, IO84, Jen81, KK84b, KN84, KA87, LS84, LW86b, LC87a, MBC82, MG82, MBCG83, Pra85b, Pra86a, Sah84, SS87, SR87, Sig82, SSF80, SB83, SWK84, Tow86, Weg80, YH86, YPD82, Agr88, AJ89, BBW88, BM89, CMB88, CC89, DSH89, Fuk88, GZ88, HTK89, LW89, LW89, RTY+89, SP89, TSS88, WG88, YBL89.

Multiprocessor-Based [LC87a].

Multiprocessor/Computer [AG82].

Multiprocessors [ASHK86, BB87a, CH84, Du85, DB82, KS83b, LVA82, Lun87, PKL80, Pat81, Pat82, RV86, SSS8+83, Smi85, Wab84, YTL87, AP89, ALL89, BL89, DAB88, FM88, JW89b, PC89, SV88, SD89a, VSSG88, WS88].

Multiprogrammed [CS80a].

Multiserver [MK83b].

Multistage [Agr83, AL85, BT89, FW81, KS83b, KSW88, LSD8+99, PL83a, PN85, PK80, SH87, WF80b, AK88, tCP88, Ch88, GM8a, GM89, KR89b, Lee89b, VR89a].

Multistep [Lee89a].

Multiterminal [GL86].

Multithreaded [MK83b].

Multistage [Agr83, AL85, BT89, FW81, KS83b, KSW88, LSD8+99, PL83a, PN85, PK80, SH87, WF80b, AK88, tCP88, Ch88, GM8a, GM89, KR89b, Lee89b, VR89a].

Multitiered [BZV86].

Multitiered [BZV86].

Multistage [BZV86].

Multistage [BZV86].

Multithreaded [MK83b].

Mutual [Sin89].

MVA [Lam83].

MVL [Bes86].

n [BL84, DM84].

Native [UT87].

NBS [Ame82].

NC [CI88].

Near [GH83a, UT87, LD89].

Near-Native [UT87].

Near-Optimal [LD89].

Near-Perfect [GH83a].

Nearest [Chu85, Lee82, SE87].

Nearest-Neighbor [SE87].

Negabinary [Agr80, Yue80].

Negabinary-Binary [Agr80].

Negative [KM81].

Neighbor [Chu85, Lee82, SE87].

Nested [PK88].

Net [SYK89, Smi80b, Smi81b].

Networks [AS82a, AS82b, Ame82, AL81, AL82, AS87b, BA84a, BP85, Bon83b, CP87b, CS86c, DLM86, EHM80, GF87, HT82, HZ81, II81, KM87, LSS88, LS83, L63, Lau86, Lee87, MS82, NS82b, MS82b, Ms82b, Niz84b, MS84a, PR84, Pra85a, Pra85b, Rud85, SS80, SS88, Sez87, Ste83, TB86, WK81, WV80, W84, WA85b, WF80c, WL81, WF81, WFL82, YL81, AP89, BP89, Ban88, BD89, Bi89, BT89, GM8a, HP89, KPR88, KR89b, LL88, LH88, LY89, LM89, LHC89, PL88, Pro88, Ram89, RS89b, SP89, Sw89, SSR1a, Tys88, WJ85].

Networking [HN88, HH88].

Networks [Agr83, AL85, Aky87, Ama83, BW89b, BG8a, BA83, Blu85, BS87a, BR86, Bra86, BS87b, CC85, CH82a, CV83, CV84, CH84, CG87, CK87, CS80b, CHL83, CM87b, DS87, DR85, H88, DJ81, DK82, Dot84, D88, EZ82, E85, F81, FT84, FY87, FF82, F8a, FWT82, FH84, FJ88, GC87, G81, GM83, GW81, GH80a, GH80b, Har86, Haw85, HO81, HT86, HC87, Hwa87, IKT81, IM87, IK82b, IO83, JLS80, JK80, Kam87, Kan87, KK87, KK80b, Kri84, KS83b, KSW88, Kl82, KD85, KJ86, LM82a, LM87a, Lam80, LL81, Lee85b, Lei85b, LC87a, LS89, LHPW85, LM86, MM83a, M87, ML87, MM83b, MM84, Nak87, NMB83, NM87, OS82, Obe80, Oro84, S85, OSS87, PL83a, Par80, PN85, PK80, RGA85, RV86, RK86, RS83b, Re84].

Networks [Rhy84, RG85, SW84, SL87, SS84, SH84, Sie80, Sie81, Sie85a, Smi88a, SB85, S85, SH87, SN81, Top89, TV82, Uh82, Val83, Von83, WC84, WF83, Wit81, WF80b, YA87, YH86, Y84, YGZ8+7, AA88, AK88, AK89, Aky89, BB88, BGY89, Bi89, BN88, CG88, CH89, tCP88, CL88, Che88c, CM89, CS89, C89, DK89, DD88b, E89, GH88, GM89, GM88b, HT88, JS88, JA88, JW89b, KH88, KK89, KP88, LS88a, Lee89b, LSD8+9, MI89, MKLC89, Pro89, Ram88, RN88, RK89, San88a, San88b, Ski88, Sri89, TSS88a, TYZ88,
VR89a, WB88, dM88, Ano82d, networks-a [GM88b], Neumann [BE87], Ninth [Ano82-60], NMOS [FFT*80, THH80]. no [RM86]. Nodal [Niz83]. Node [EHM80, OK83], Nodes [CP87b, GFM83, GF87], Noisy [IM87].

Non [BB87a], Non-Uniform [BB87a]. Nonbinary [Dao81, SOA85]. nondeterminism [Par89], nonequivalent [AKS88]. Nonfault [Kre87]. Nonlinear [SSVV81, VSV81]. Nonminimality [Coy80]. Nonnumeric [BIO82]. nonrectangular [Che88c]. Nonrepairable [FM84]. nonrectangular [Che88c]. Nonrepairable [FM84].

Odd-Weight-Column [Kan84]. ODE [BAR87], Office [NWLP82]. omega [Bil89, Ste83]. On-Chip [KS86a, LCM81, Maz87]. On-Line [IO83, OE82, Owe83, RB83b, Sam80, Sto80b, TY87, ZB87, WE83]. On-the-fly [EL87]. One [AC84, CIP87, HCMF89, SKW88].

One-Dimensional [AC84, HCMP89, SKW88]. One-Way [CIP87]. Only [Dav80b, GKS87]. onto [FYK87, SE87]. Open [CPG83, RR86, Jhn88]. Operands [BVH83, PF82]. Operating [Ano87c, VI84, VW80]. Operation [GKS87]. Operational [DG86]. Operations [CP82a, Gue86, HA84, RFLS86, ST87, BF89, BCS89, NH88, SR88c, ZM89].

Optical [Lei84, MP83c]. Optimal [Agg86, AS87a, Ayt85, AH86, AT81, BP83, BW80, BBP88, BP84, BP82, CA80, CW83, CH82b, CH83, DV87, Fam87, GT82, GCW83, GK85, KP80a, KLL87, Lau81, LS82a, LW85, MTMA85, MK83a, Man85, MB80, MD86, MG86, NS82a, Oik87, Pa88, Pap83, PTT81, Pre83, PL84, RW81b, RM86, Rub81, ST85, LSS87, Sin88a, S89, S89, T86b, UV81, VR86, VR89b, WHT84, YKL88, Z88, B89c, BZ89c, FM89, KS89, LM88a, LD89, S89, SSS89, SW89].

Optimally [SSB87]. Optimization [AL85, ACGT84, CS80a, FYAV87, Gav87, HN80, KT85, PS88a, SAS84, S88, Tha82, TTT81, TKT86, YH84, BS89c, HS88, RI89]. optimizations [Pol88]. Optimized [TS88b]. Optimizing [BS83, Ho8c]. Optimum [HO81, JH89, Rob83, TR88]. OR-parallel [Cra85]. Order [CE87, HP87, ZMC89].

Ordered [Fet80, WV87, LD88]. Ordering [Li87]. Orderly [KL82]. Ordinary [BR83a]. Organization [CP87b, LVF83, Soh89]. Organizations [MWM80, SG85a]. Organized [Dao81, DV83, Dun85]. Oriented [Abr82, Che86a, LF87, RB89b].
Orrery [ADG+85]. Orthogonal [NMB83, HTK89]. Orthogonally [MT87].
Other [OL’87, VS86b, Von83]. our [Ano80d, Ano80e, Ano80f]. Out-of-Order
[HP87]. Outcomes [SS86]. Outerplanar [FJ88]. Output [Cur80a, Dav86, Gna83,
KS80a, Oik87, SD86b, Sas84, Sip82, YN83]. Outputs [Bha83b]. Overflow
[Tay83]. Overflow-Free [Tay83]. Overhead [BNM86, JH80, Kha84, TAF87, CBAP89].
over [PP88]. Overlapped [VSH89]. Overview [Sie81].
P [VS86b]. Package [VRP83]. Packet
[BCA80, CH84, CS80b, Gel81, GW81, KDJ85, Lam80, LL81, LCE87a, LS89d, LHPW85,
RG85, Tas83, CS89, Pro88, Pro89, YBL89]. Packet-Switched [KDJ85, YBL89].
Packet-Switching [GW81]. Packing [Cha83b]. Pack [SD89a]. paged [RTY88].
Paging [ASK81, BF83]. Pair [Har88]. Pair-Wise [Har86].
Papers [Ano80l, Ano80x, Ano80m, Ano80n, Ano80o, Ano80p, Ano80q, Ano80r, Ano80s,
Ano80u, Ano80v, Ano80w, Ano81t, Ano81r, Ano81i, Ano81s, Ano81u, Ano81v, Ano81e,
Ano81f, Ano81g, Ano81h, Ano81i, Ano81j, Ano81k, Ano81l, Ano81m, Ano81n, Ano81o,
Ano81p, Ano81q, Ano82x, Ano82u, Ano82v, Ano82w, Ano82k, Ano82l, Ano82m, Ano82n,
Ano82o, Ano82p, Ano82q, Ano82r, Ano82s, Ano82t, Ano83j, Ano83k, Ano83d, Ano83e,
Ano83f, Ano83g, Ano83h, Ano83i, Ano84d, Ano84e, Ano85b, Ano85a, Ano86c,
Ano86d, Ano87c, Ano87d, Ano87b, Ano80t].
paradigm [SW89]. Parallel
[AS87a, Ano82b, Ano82c, Ano82-58, Ano86c, APDN83, BM86a, Bat80, Bat82, BAR87,
BK82, BD83, BE87, Can83, CIP87, CT84b, Cur80c, Dad80, DS83, DC81b, DC82, Ebe87,
ED83, Gaj80, Gaj81, GV84, Gar80, GL882, Gna85, GGK+83, GK85, HJ87, HT82, HL82,
HN84, Hla86, Hoc83, HP89, HZ83, HMC89, Hua83, HN80, HG87, IC82, JK82, Kar84a,
KN84, Kru83, KH83, LMC87, LA87, Lei85a, LW86a, MP89a, MA86, MTG+85, MI85,
ML82, NS81, NS82b, NMB83, Nil84, OJ85, PL83b, PS85b, PK87, RB80, SM83, SS89b,
SJ84, SIE81, SS8F, SBGS86, Sip82, Sip84, Sru83, Sta87, TB86, TRYS83, TLR83, Tsi86,
TS84b, Van80, VS86b, WK80, Wei82, Wen85, WOH84, WvL85, WH80b, WD84, YA87,
YT82, wu87b, ACGK88, Ban88, BRG89]. parallel [BF88, Ble89, Bok88, Bos88, Car88,
Che88b, Cra85, DD88a, EZL89, FL88, Fis88, FM88, HHTK89, JAM88, LP89, MS88b,
NC88a, NT88, NS88, Par89, PKP89, RJ89, SP89, SS89c, YJ89]. Parallel-Pipeline
[TLR83, WD84]. Parallel-Pipelined [BD83]. parallel/pipelined [BRG89].
Parallelism [FH80, HTOS80, NF84, PB87, WS82b, Wor81, Zak84, AJ88, Jou89, Kum88,
Pol88, PKP89]. Parallelization [NS87]. Parity [CH85a, FMM84, HO81, KM84a,
LM87a, Met83, BS89b]. Parsers [TF82]. Parsing [CIP87]. Part
[DF84, SSV81, VS81]. Partial
[Fam87, GL82, HQR89]. partially [JW89a]. Partition
[SBK85]. Partition-Tolerant [SBK85]. Partitionable
[BS86, LW86b, SSK+81, LW88]. Partitioned [HC82, JL85]. Partitioning
[AJ88, BB87a, Bok88, CM89, Cve87, Fam87, FWT82, Kri84, Kri87, Mar86, MF86, Sie80,
WC84, PC89, San89]. Partitionings [RAP87]. PASM [SSK+81, TS86b]. passing
[Len88, RN88]. Passive [OK83]. Path
[Abr82, AL85, DB87, GC89, HR87, KLL87, PL83a, RV86, BP89, IR89]. Path-Oriented
[Abr82]. Paths
[Bra86, Bra83b, Che82a, Kan85, Lak84, SBGS86, WW8SW7, CH89, WLC89].
Pattern
[Ano81r, BFHW82, CP82b, DB87, Fu80, Hay80, SK85, SDB84, SB84, SN81, SSK+81,
SR80, TW83, TC84, Tri82, WBA83, Che88a, DFC89, GNN88, MP89a, SM88, dJvdG88].
Pattern-Sensitive
Patterns [Hay80, SN81, SR80, MP89a]. PDP [BCR83, CS85, HO81]. PDP [LGH80].


Performable [AS82b, GM89]. Performance [AP89, ASL81, AKT86, AAG+87, Ano83q, BSV83, BA83, BS84, BM89, tCpS88, CL88, Che88e, CG87, CLP81, Cve87, De 82b, De 83, Du85, ES80, ED87, Fra81, FHH+83, GS89, GT80, GK85, HJ87, HL84, HV87, HITT88, HP87, IO84, JH80, Kam87, KY89, KC86, KP87, KS83b, KJ86, KB85, Lam80, LMO84, LF80, Li87, LC87a, LHPW85, Mar84, MBC82, Mol82b, Niz84b, Niz84a, NS87, PH86, PL83b, Pat81, PGR86, Pra86b, RS3b, Ree84, RAP87, SL84, SC87, SRO84, SB83, SS81, Siri87, SD87, Taa83, UT87, VSSG88, WS88, YH84, ALL9, BL89, CM88, EA89a, Gai89, GH88, GZ88, HTT89, JP88, Jun89, KHS88, KP88, KR89b, LP88, Lee89b, MAS85, SOh89, WH88, YZ88, Zwa85].


Polymorphic [LM89, LW86b].
Polymorphic-torus [LM89]. Polynomial [BK84, BD80, HSE84, LS89d, Muk87, STR87, TLR83, ZH85]. Polyprocessor [Man84]. Pong [SC87]. Pool [KK84c]. Portion [SOH+81]. ports [WB88]. Positive [KM81]. Power [Vui83, RK89]. Practical [AM85, KN84, ML82, PK87]. PRAM [AS87b, Gel89]. Precedence [CL87]. Precise [Abe84, LA85, SP88]. Precision [CHH83, KM84b, MPPZ88, MK85, KM83a]. Predicate [CS84]. Prediction [FMM84, FM87, GT83, Thi89, VSSG88]. Predictive [Ano82-60, GB83, Men84]. Preloading [TS84b]. Presence [MK84, SSB86, SR87, WWSW87, YN84, VM88]. Preset [LM83]. President [Boo81]. Presortedness [Man85]. Press [Ano82-29, Ano80-30, Ano80-31, Ano82-28, Ano82-30, Ano82-31, Ano82-32]. Prevention [Gel81]. Prime [Jul80, LV82, MS86, Ten83, TKL86, TRH+88]. Primes [Kuo87]. Primitive [ZMC89, BD89, Ble89]. Primitives [BF80, Hon85]. Principles [TB82]. Printed [NKY+80, Sch89]. Prior [Ano83c]. Priority [Sha81, NK88a, SD89b]. Private [BD83, Pat82]. Probabilistic [CPG83, GM87]. Probabilistically [Dah86]. Probabilities [Mar87, KT89a, LS89c]. Probability [Cri80, LJ87, Sav80c, WR84]. Probing [Cle84]. Problem [Bok81, CPG83, Cve87, DCL87, FYD84, FAYV87, Jia86, Kar84a, Lak84, Lau81, LL84, LP86, MTG+85, MR82, Muk87, OS82, PTT81, RAP87, Rub81, Smi80b, Smi81b, YY885, YM85, ZB87, Bos88, CD88, NMM89, OM88, ST88a, SW88]. Problems [AS85, AH86, BB87a, CW83, FH80, FT82, KK80a, KLL87, Sav84, Ti80, VS86b, WM84, Wor81, BRG89, Bok88, LS89b, Ram89, SAA89]. Procedure [AO80, Cas86, HO81, HO81, RC89, RV84, SP82, VR83]. Procedures [KK86, LW86b, SR80, Wan82]. Proceedings [Ano80d, Ano80e, Ano80f, Ano80g, Ano80-47, Ano80-48, Ano80-49]. Process [EHM80, KK84c, LD87, Ros85a, SL84, YM86a, YGZ+87]. Processes [IK82a, KL82, Len88]. Processing [Ano80-46, Ano80g, Ano82-58, AN86c, AGH+82, Bat82, Bes83, BPS+86, CL84, CH82b, CH83, CLH84, CH85b, Gar80, GS87, GMG84, HT82, HZ83, HK80, KN84, KY82, KWR82, LA87, LM87b, ML82, NM83, NWLP82, Par86, SJ84, Sj81, SSK+81, SSF82, TB86, THH80, TS84b, Zak84, DLY88, FL88, HX88, MG88, SP89, Ano82b, Ano82c]. Processor [Ano83q, Ano84f, BA86, Bat80, Bhu85, BS87a, Bok84, CS87, CVY83, CT84b, CM87b, Cve87, Dot84, FL88, FS80, FK85, Fl82, FR58, FHH+83, HKS86, HT80, Hen84, HFP82, HL82, JTP85, JS84, KS82a, KB84, KBS87, KS82b, KAGER82, LS82b, Len85, Lin84b, LJ87, Mar84, MA86, MWM80, NJM83, Nwa85, OS82, Pat81, PB87, Pra85a, RW81b, RAP87, Ree80, Ros85b, SE87, SS87, Sh82b, TGJR88, VZ81, VBH+81, WOH84, YA87, ZN80, CM88b, Cos88, Gel89, KUM89, PKP89, Sin88b, TSM88, Tys88]. Processor-Memory [Bhu85, CM87b, Pat81]. Processor-Memory-Switch [KS82a]. Processors [AKT86, Agg86, ACCT84, Ary85, Bis85, BJS80, BE87, CT84a, FYK87, GKN86, Jes80a, Jes80b, KK84c, Kor86, Lu82, MA86, RB80, Ros83, Sip84, WD84, Ata88, DIY88, FLN89, HP89, Hos89, KJC89, MM88, NK88b, SL88a, SP88, Sj89, WSC89]. processors-a [MM88]. Product [Aky87, Aky89, Bla83, CMB88, MT87, Slo85, SRI87, Tsa81, CDL89, dM88]. Product-form [CMB88]. Professional [Ano81w, Ano81x]. Profile [Kob83]. Program [ASKL81, Ano82-60, De 82a, SM82, SG85b, SO89].
Programmable [Aga80, BNM86, DM81, DC81a, FK81, Hur81, LA85, MG86, Ozg86, Pap83, RT85, RB83a, RB83b, SKF83, Sas81, SM87, Shi82b, TOM81, Wei80, YWW86].

Programming [Ano87c, CMM87, OO87, QKS85, BB89b, BF88].

Programs [BC85, CL84, ED87, HT83, KK82, LMC87, LM87b, Mi82a, Tha82, VM87a, Mi88, Th89, WG88].

Progressive [LY87].

Prolog [NOYK88].

Proof [AM87, VSH89, LP89].

Proofs [BC85, CL84, ED87, HT83, KK82, LMC87, LM87b, Mi82a, Tha82, VM87a, Mi88, Th89, WG88].

Proposed [Mar85, Veg84].

Prospects [Smi81a].

Protected [BGM88].

Protection [BS82, Met82, Sny81, Van86].

Protocol [CHL83, GFM83, GF87, Hol82b, KT85, Lam80, RG85, Smi81b, TRT89, YH84, KP88, Smi80b].

Protocols [Her87, Hof85, LS89a, RE80, RW82, TV82, Coa88, Gyu89, LCS89, SD89b, YBL89].

Prototype [MC86].

Proving [Van86].

Program [Ano80-32, Ano80-33, Ano80-34, Ano80-35, Ano80-36, Ano80-37, Ano80-38, Ano80-39, Ano80-40, Ano80-41, Ano80-42, Ano80-43, Ano80-44, Ano81-29, Ano81-30, Ano81-31, Ano81-32, Ano81-33, Ano81-34, Ano81-35, Ano81-36, Ano81-37, Ano81-38, Ano82-33, Ano82-34, Ano82-35, Ano82-36, Ano82-37, Ano82-38, Ano82-39, Ano82-40, Ano82-41, Ano82-42, Ano82-43, Ano82-44, Ano83a, Ano83t, Ano83u, Ano83v, Ano83w, Ano83x, Ano83y, Ano83z, Ano83-27, Ano83-28, Ano83-29, Ano83h, Ano84i, Ano84j, Ano84k, Ano84l, Ano84m, Ano84n, Ano84o, Ano84p, Ano85g, Ano85h, Ano85i, Ano85j, Ano85k, Ano85l, Ano85m, Ano85n, Ano86h, Ano86i, Ano86j, Ano86k, Ano86l, Ano86m, Ano86n, Ano86o, Ano86p, Ano86q, Ano86r, Ano87g, Ano87h, Ano87i, Ano87j, Ano87k, Ano87l, Ano87m].

PUMPS [BFHW82].

Purpose [HFP82, Liu84b, SL80, SLS82, Wai88].

Pyramids [MS88e].

Q [RMCF88].

Q-modules [RMCF88].

Quadratic [STR87, TCH86].

Quadratic-Polynomial [STR87].

Quality [Sav83b].

Quantitative [GJ80, OA83, SD87].

Quantization [Niz83].

Quarter [Joh80].

Quasi [IM87, Tam80].

Quasi-Cut-Through [IM87].

Quasi-Stable [Tam80].

Quaternary [Cur80c, Dao81, MC86].

Queries [Che82c, YGZ87].

Query [CL84, CH83b, CH83].

Queueing [Aky87, CFI81, DLM86, Har86, HT82, HT83, Lee80, Niz83, SS80, Sri87, TB86, Aky89, BBG88, CdL89, SW89, dM88].

Queues [NK88a, NT88].

Quick [KS86b].

Quicksort [Weg85].

Quotient [FF82].

R [Smi89a, Lam80, Tas83].

R-ALOHA [Lam80, Tas83].

Race [Ram86a, Ram86b].

Rademacher [HS84].

Radio [CP87b, CK87, CS89, Pro88, Pro89].

Radiant [Arm80, Bus83, CSR86, GH83a, HGS83a, Hua83, Jes80a, KM81, SOA85, TPSS85].

Radix [GH83a, HGS83a, TPS85].

Rail [Kha82, TY87].

Railroad [SMN82].

RAM [FH86, Reg88, SK85, dJvdG88].

RAMs [DFC89, JP88].

Random [DTF80, DFC89, Feu82, Mar85, PS85a, Sav83b, SDB84, SB84, SM88, SN81, Sha81, SOH81, SR80, SR81b, TV82, VR83, FGPT89, FHG88, HMC89, MP89a, MW88].

Random-Access [SR80, MP89a].

Randomized [JAM88].

Range [Jou86].

Ranges [SW82].

Rapid [IS84].

Raster
Rate [Cur80a, MSV80, TS86b, ZW87, San88a, San88b, TSM88]. Rate-Multipliers [MSV80]. Rates [Iye84].

Ratio [THi89]. Rational [Fro83, KMR84b, MK85, KM83a]. Rationals [Kri83]. Ratios [Sil82].

Reach [Anos0, Anos0, Anos0]. READ [Cha80, Dav80b, GK83, SS82]. Read-Only [Dav80b, GK83]. Read/Write [SS82].

Real [AJ82, Anos6, Anos7z, ABT82, ACD82, CL87, CMM87, Ger82, KOS87, KSB87, KC87b, MLB87, PS87, SGB87, Shi87, SLL87, SC89, SMN82, VM87b, WFL82, HTT89, HIT88, KW89, SRC85, Sta89, WS88].

Real-Time [AJ82, Anos6, Anos7z, ABT82, ACD82, CL87, CMM87, KOS87, KSB87, KC87b, MLB87, PS87, SGB87, Shi87, SLL87, SC89, SMN82, VM87b, WFL82, HTT89, KW89, SRC85, Sta89].

Realistic [DO85, DO86]. Realization [IC80, Por80, SCP+81]. Realizations [CH82a, RR86]. realize [BB89a]. Realizing [TYZ88, UT87, JW89a]. reallocation [Sta89].

Reainarrageability [Lee85b]. REBUS [ACD82]. Reciprocity [Agr80]. recoded [Par88]. Recognition [Fu80, SSK+81, Van80, Ram89, YJ89].

Recognizers [Tri82, Fos89]. recognizing [CIS8]. Recomputing [PF82].

reconfigurability [Ri89]. Reconfigurable [GZ89, KKS84a, LF87, RM86, TKK86, TS84b, VW80, LS88a]. Reconfiguration [CN82, Kan81, LW86b, OOB85, RM86, SD80, WCS89, Hos89, HA88, RS88b, UR88].

Reconfigure [KK87]. reconfiguring [LL89]. Recovery [Hag86, KKS86, KS86b, LG80, LS84, LY87, OJ80, TS86a, TS87, V84, Y8H86, CC89, Hos89, KW89, LM88a, MW88, SL8J88, US88].

Rectangle [GL86, GW84]. Rectangles [BW80]. Rectangular [AR82, CM85, Kan85, CC88, WLC89].

Rectilinear [WWS87]. Recurrence [Gaj81]. recurrences [PC89].

Redistribution [CA83]. Reduce [Owe83].

Reduced [JO84]. Reducing [BR86, LAS87]. Reduction [Klu83, LVF83, NH85, SS89a, DD88a].

Redundancy [BK87, Bra83a, Fam87, KaK83, KKH80, KC86, KP87, MS81, RB83d, SD80, Van86, Agr88, BW89a, EA89a, JS88, RI89, Sin88b, WCS89].

Redundant [Can83, Nils8, PL83a, RV86, SB80, TY87, Wen85, Wu87a, EL87, SK89, TYY85].

Redundant-Path [RV86]. Reed [DK89, DC87, FTY87, HRT+84, Liu82, Liu84a, OI87a, Pag80, STD+85, SR88a].

Referee [Anos6a, Anos70, Anos7y].

Referees [Anos2-59, Anos4-30, Anos4-31, Anos5x, Anos6-32, Anos7w]. reference [KM89b]. references [CMB88]. Reflected [Er84]. regeneration [LC89].

regeneration-based [LC89]. Region [BS83, LS82a]. Register [BR84, CF80a, Dan83, Dav80a, ES80, HSE84, Mor80, PS83b, PS85b, TS83, WM86, Wus81, WM88a]. Registers [Che86b, Blo88].

Registration [RS85]. Regular [AL82, BK82, CM85, Haw85, ISO85, Muk86, BP89, Fos89, YM88a]. Regularization [SG85b]. relabeling [GW89]. Related [BP87]. Relation [Mar86]. Relational [Che82c, DGS80, Hon85, QI85, Str82].

Relations [CL87]. Relationship [IBM82, YF88, Zhi84]. Relationships [Agr80, dM88].

Relay [GF87]. Reliability [Anos1, BGM87, Can83, CMS82, ES80, GT83, Gla80, HR87, Iye84, Kan81, KS82a, KS80b, MS81, MTS85, MBR82, Nils8, RK88, SGT86, SB80, WA80, Wen85, BT89, BGM88, LCS89].

Reliable [Anos8-47, Anos8-48, Anos8-49, Anos81s, Anos83k, Cas86, Cha87b, Hon82, Hwa87, RGA85, RS88a, SP82, SBMM87]. Reliably [GC80]. Remainder [Vu85]. remapping [NS88]. Remark [Coy80]. Remote [Cas86, RC89, SP82].

Remotely
[Ano80-46, Ano80g, Met83]. **Removal** [Fam87]. **Reorderings** [OL87]. **Repair** [HKR84, HP87, MM80, Man80, RM86, CFP89]. **Repairable** [DG86, MDG89]. **Repaired** [Can83, Ni84, Wen85]. **Repetitive** [Wan81]. **Replacement** [BF83, FH86, Obe80, SG85a]. **Replica** [LMC87]. **Replicated** [CH85b, GC80, Met83]. **Reply** [BH80, Des81, GLL81, Mil86, Nil86, RTW80, Ros86, SM80, Sni86, SC881, SC886, Weg82, EA89a]. **Reporting** [BW80, SW82]. **Representation** [CV83, FH80, FYS84, Ger82, HRJ86, PA81, PK80, TY87, Wor81]. **Representational** [Bou89]. **Representations** [EL87]. **Representing** [De 83]. **Requests** [RW81b]. **Required** [BB89a]. **Requirements** [MA82, RSZ89]. **Resampling** [WS82a]. **Reservation** [CHL83, KP88]. **Resident** [Hag86]. **Residue** [CSR86, GMG84, Hua83, Jan83, MP83c, MG86, Pap83, Ram83, STR87, ST86b, TH82, Tay82, Tay83, TCH86, UAM83, VU85, Cos88, WH88]. **Residue-Based** [MG86, Pap83]. **Resolution** [KL82, RB89b]. **Resource** [HN80, JW89b, RSZ89, Wahn84, WJS85, ZRS87, KS89, LW88, NS88]. **Resources** [KT78, Uhr82]. **Respect** [Oik87]. **Response** [GMK85, LP81]. **Responses** [Cha83a]. **Restricted** [Jou86]. **Restructurable** [Pra85a]. **Restructuring** [LJ89]. **Result** [Bus83]. **Results** [IBM82, Jes80b, MR82, Men84, KP88, WH88]. **Retransmission** [ASP87]. **Retrieval** [Fet80, CCW88, LD88]. **Retrofitting** [AP85]. **Reverse** [WF80c]. **Reverse-Exchange** [WF80c]. **Reviewers** [Ano87z]. **Revisited** [NN87]. **Rewritable** [TOM81]. **Rhyne** [SM89a]. **Richard** [Boo81]. **Ring** [ALS81, DHI85, JLS80, KM87, LHPW85, Ban88, BGY89, CL88, HP89, HN88, RS88b]. **Ring-Structured** [JLS80]. **Rings** [KK87, Mah80]. **Ripple** [CP87a]. **RISC** [HM89, TS83]. **RNet** [CMM87]. **RNS** [SK89, TPSS85]. **Robust** [Rud85, TS86a, TS87, VRF84]. **Role** [Liu84b]. **rollback** [LM88a, US88]. **ROM** [Oll87a]. **Root** [OE82, ZG87, RJ89]. **Rooting** [Ma85]. **Rotation** [AH86, Fra83]. **Rounding** [Lee89a, Sco89]. **Routines** [Li85]. **Routing** [AH86, CS80b, DS87, DL87, EH85, FJ88, GL86, GW81, Jes80b, LSD89, MS82, NS81, OP84, PL84, RS83a, Ric84, SC87, TRTN89, Val83, BP89, BS89a, CD88, DIN88, HT88, LD89, SW89, VR89a]. **Roving** [Bi86]. **Row** [DL87, FH86, RS83a, BS89a, DIN88]. **Row/Column** [FH86]. **Runners** [Rob83]. **Run** [Nie89]. **Run-time** [Nie89]. **Running** [GK83]. **Same** [ST86a, VZMB89]. **Sampled** [Sto80b]. **sampling** [CMP89]. **Sara** [RE80]. **Satellite** [BCA80]. **Satellite-Born** [BCA80]. **Satisfying** [WB88]. **Save** [LM82a]. **Scale** [LL85, SL80, YTL87, PKP89]. **Scan** [CH85a, HS86, SD86a, MA89]. **Scanning** [VSH89]. **Scans** [Ble89]. **Scene** [AJ82]. **Schedule** [BDW86]. **Schedules** [AB86]. **Scheduling** [Ary85, BS83, BS87a, BDW86, BS80, DS83, EH80, FS81, GF87, GKS87, GB83, KN84, KK85, KS86b, LM87b, Man84, MA86, PK87, RW81b, RSZ89, Ros85a, Sahl84, Sig82, Sri83, Sta85, VW84, VM87b, Weg80, ZRS87, BRG89, CNO88, CK88, GY89, HTT89, Pro89, SRC85, WJ85]. **Scheduling-Function-Based** [GF87]. **Scheme** [Adi84, ABK83, Bur84, CLW80a, Hag86, Hj87, KY89, KS86a, LSD89, Orn84, PK87, RB82, SD80, TTY82, Bur82, HA88, LW89, Sin88b]. **Schemes** [FT84, KH83, Lee80, MS82, TS84b, UT86, WvL85, VV87, CL88]. **Schur** [Ebe87]. **Science** [Ano81-44, Ano81-45, Ano82-61]. **Scientific
[Abe84, KUV85, KS82b, HTK89, Kum88]. scientific/engineering [Kum88]. Scope [Moh85]. Search [BDL83, BW81a, CT84a, DL86, Ell80, Got81, NN87, Pra86b, WM84, Sto89]. searches [Sto89]. Searching [DGS80, Kru83, Str82].

SEC [Dao81, Dun85, Gai88b, Kan84]. SEC/DED [Gai88b]. Secondary [LV85, TS86b].

Self-Adjusting [GC87]. Self-Checking [BC85, CL80, FM87, Gai85a, Gai85b, Gol84, HGS83b, HSS85, HT88, HML84, Jen83, Kha82, KM84a, LS89a, Mic83, Mil82, NK87b, NS81, Pie87, PK87, RB83d, SSF80, SL83b, TS84a, TAF87, WGT81, BGW89, CKS88, DDS8b, DDS8c, Gai88a, Gai88c, HKR88, LNZ89, MS88a, ML88, NPP88, RSK88, Wan89].

Self-Adjusting [GC87], Self-Checking [BC85, CL80, FM87, Gai85a, Gai85b, Gol84, HGS83b, HML84, Jen83, Kha82, LM83, NK87a, NK87b, NS81, Pie87, PK87, RB83d, SSF80, SL83b, TS84a, TAF87, WGT81, BGW89, CKS88, DDS8b, DDS8c, Gai88a, Gai88c, HKR88, LNZ89, MS88a, ML88, NPP88, RSK88, Wan89].

Self-Diagnosable [SSF80].

Self-Diagnosing [WGT81]. Self-Diagnosis [HS85, LNZ89]. self-dual [Wan89].

self-fault [HRR88]. Self-Implicating [DMY85]. Self-Routing [NS81, HT88].

Self-Scheduling [PK87], self-stabilize [BGW89]. Self-Stabilizing [BC85, Mil82].

Self-Synchronizing [LS89a]. Self-Test [Mic83, TAF87, CKS88, MS88a, RSK88].

Self-Testing [BC85, DM81, FMM84, KM84a, Pie87, TS84a]. SELRAM [Kap89], semantics [Bou89].

semi-Markov [MAS85]. Semiconductor [Che86a, FH86, PSS85a, SR80, SR81b, MP89a].

Semijoin [CL84]. Semisystolic [Ers85].

Sensed [Ano80-46, Ano80g]. Sensitive [Hay80, SN81, SR80, MP89a]. Separability [WWS84]. Separable [Smi84]. separate [Gai88c]. Separating [BR80]. Sequence [Mor80, WH80a, Wus81, Reg88]. Sequences [Coh85, DTF80, Hon81, Kak83, Kob83, Kon86, PS85b, Wus82, Kak85, Man88].

sequence [Irs88]. Sequential [AB82, Bha83b, BCDM86, CH82a, Cun80, DS80, Has84, Hay81, IKP86, Kar84b, LSM81, LM83, Mor80, NK87a, Pra83, RS86b, Sal80, SD86a, SD86b, Sav80a, SAG81, Sip82, Sip84, SR82, Tam80, Tw83, VH82, VH84, Wan81, Wus81, Yam80, D88c, Len88, Sm89a, Wal88, YKL88]. Sequential/Parallel [Wan81]. Serial [Bat82, Dan84, Gna83, Gna85, Hla86, HRT84, OJ85, RB80, Uhr82, Wu87b, BS88, B88, D89, Z89].

Serial/Parallel [Dan84], Server [Sha81]. Servers [Har86, Aky89]. Service [CFM86, Sha81, TS86b, RN88, WB88].

Set [CP87a, D86, GM82b, Jia86, Kee83, K84, NS82b, RB83d, T80, Cook89, SAA89].

Sets [AF81, D085, DO86, FJ85, HR86, IKT81, KP80b, RT86, ST80a, CHRR89, DD85a, KM89a]. Several [WHT84].

Shared [GGK83, Mar84, NS87, YPD83, AJ89, ALL89, FM88, SV88, WS88].

Shared-Memory [NS87, ALL89, SV88].

Sharing [KC87b, Lea86, SC89, Wah84, WM85, JW89b, MTS89, SW89]. Shift [BR84, Che86b, CF80a, CH85a, D83, D80a, H84, M80, W86, Wus81, WM88a]. Shift-Register [BR84, CF80a, D83]. Shifted [PF82].

Shin [CC89]. Short [BG86a, LHPW85, SB85].

Short-Circuit [SB85]. Short-Packet [LHPW85].

Shortest [Che82a, KLL87, L84, SBG86, WWS87, BP89]. shortest-path [BP89].

Shuffle [AS87b, DK85, J86, Par80, Ste83, TN81, WF81, BN88, HT88, LHC89, SR81a, TS88a]. Shuffle-Exchange
[AS87b, KDJ85, KJ86, Ste83, WF81, BN88, LHC89, SR81a]. Shuffle/Exchange
[DK82, Par80, TN81, TS88a]. Shuffle/
Exchange-Type [Par80]. Shuffling [SS84].

SIFT [MSS82, MFW80]. Sigma [Sez87].

Sign [HL86, SCNS83, Uim83, Vu85]. Sign/
Logarithm [HL86, SCNS83]. Signal
[BPM+86, HKSS86, KY82, Lee85a, LM87b, LSS96, Mar87, Shi82b, THH80, ZN80, KT89a, MG88]. Signals [Sto80b].

Signal [MS82, MFW80]. Sigma [Sez87].

Sign [HL86, SCNS83, Ulm83, Vu85]. Sign/
Logarithm [HL86, SCNS83]. Signal
[BPM+86, HKSS86, KY82, Lee85a, LM87b, LSS96, Mar87, Shi82b, THH80, ZN80, KT89a, MG88]. Signals [Sto80b].

Signatures [MM83b, MM84]. Signed
[RS86b, Par88, Smi89a]. signed-digit
[Par88]. Significance [FG82]. SIMD
[LS88, NS82a, PK80, SS84, Sez87, SSK+81, WS82a, WR81]. SIMD/MIMD [SS87].

similarity [Muk89]. Simple
[AG81a, H086, Lam83, Oru84, RW83, Ts83, VR83, dM88, Irs88]. Simplex
[BB87b]. Simplification [MS86].

Simplified [SL83a, Ste83]. Simulated
[GT80]. Simulating [MS88c]. Simulation
[AM85, BS87b, CS86b, DJ81, GC87, JLS80, LL81, Ozg86, Ram86a, Ram86b, SW86, VBH81, Y89, BD89, Bos88, Con89, GY89, SV88, Wal88]. Simulator [Abb83, Bry84].

Simulators [MH81]. Single
[AF81, Cha80, DL87, EHM80, Hay80, HC87, IKT81, KF82, MBC82, MBR82, MM84, NJMS83, Oik87, PS80, PK80, RS83a, RT86, Ram83, Ric84, SD86b, Sav80a, Sav80c, Shi82a, Szi87, VR83, BS89a, BGY89, BGMM88, BL89, CJ89, DIN88, KJC89, LD89, NC88a, SAA89, SS88a].

Single-and [PK80]. single-bus [BL89].

Single-Cell [Hay80]. Single-Chip [PS80].

Single-Error [MBR82, BB88].

single-flow [LD89]. single-key-lock [CJ89].

Single-Layer [Ric84]. Single-Node
[EHMS0]. Single-Output [SD86b].

single-row [BS89a, DIN88]. Single-Stage
[HC87, TS88a]. single-track [KJC89].

Single-Write [Cha80]. Situations
[DM83b, MM80]. Size

[Bon83b, Bus83, DV87, KA84, MF86, Smi87, BB89a, Pro88, US88]. Sizes [LP81]. Skew
[ERS85]. Skewed [HJ87]. Skewing
[Kan81, WV87]. Skip [GHM87]. Slash
[MK85, Sco89]. Sliced
[SH81a, SH81b, VBH81, Wu87a]. Slicing
[LSW87]. Slide [PW81]. Sliding [LC87a].

Sliding-Window [LC87a]. Slotted
[ASP87, KM87]. SM3 [BS86]. Small
[ISO85, DIY88, Par89]. Smith [MA89].

Sneak [Bra86, CH89]. Society [Ano80-30, Ano80-31, Ano82-28, Ano82-30, Ano82-31, Ano82-32, Ano80-32, Ano80-33, Ano80-34, Ano80-35, Ano80-36, Ano80-37, Ano80-38, Ano80-39, Ano80-40, Ano80-41, Ano80-42, Ano80-43, Ano80-44, Ano81-29, Ano81-30, Ano81-31, Ano81-32, Ano81-33, Ano81-34, Ano81-35, Ano81-36, Ano81-37, Ano81-38, Ano82-33, Ano82-34, Ano82-29, Ano82-35, Ano82-36, Ano82-37, Ano82-38, Ano82-39, Ano82-40, Ano82-41, Ano82-42, Ano82-43, Ano82-44, Ano83s, Ano83u, Ano83v, Ano83w, Ano83x, Ano83y, Ano83z, Ano84d, Ano84e, Ano84f, Ano84g, Ano85a, Ano85b, Ano85c, Ano85d, Ano85e, Ano85f, Ano85g, Ano85h, Ano85i, Ano85j, Ano85k, Ano85l, Ano85m, Ano85n, Ano85o, Ano85p, Ano85q, Ano85r, Ano85s, Ano85t, Ano85u, Ano85v, Ano85w, Ano85x, Ano85y, Ano85z].

Society [Ano87h, Ano87i, Ano87j, Ano87k, Ano87l, Ano87m, Boo81]. Soft
[KC87b, WR84, IYM88]. Software
[Ano80c, Ano81w, Ano81x, Cri82, McG80, MB81, VB84, AK88, KW89, Ano80-47, Ano80-49]. solitons [SKW88].

Solomon [D87, HRT84, Liu82, Liu84a, O187a, STD85, SS88a]. Solution
[Aky87, ATT81, APD83, BR83a, CPG83, ED83, FM84, GLS82, IO84, Lau81, LP86, ML82, Muk87, PTT81, Rub81, TT80, WH80b, AOE88, BBG88, CMB88, DD88a, Mel89, SW88]. Solutions
[BG86b, Mey82, OM88]. Solver
[Hoc83, Smi80b, Smi81b]. **Solvers** [DLC87].

**Solving**
[Gaj81, Jia86, MTG⁺85, WM84, WK80].

**Some** [Ama83, DLSM81, Fen85, Jes80b, MWM80, MR82, Mur81, Von83, WC83].

**Sort**
[KB85, RFLS86, FM88, NHAT89, SSS89].

**Sort-Based** [RFLS86].

**Sorted** [BL80].

**Sorter** [LCW81, CM88c].

**Sorting**
[AS87a, Ano84e, BBW88, BP84, BP85, BLP84, CF80a, CLW80b, Dem85, DO85, DO86, JOS4, JL85, Kru83, KH83, LSSS85, Lei85a, LVW85, Man85, OJ85, RFLS86, RSS85, Rud85, Sie85a, Tho83b, WC83, YT88, Zak85, Bil89, HP89, Kap89, McC85, Ram88, SP89, SS89b].

**Space**
[Car83, FJ88, FYSK84, LP83, RB83d, TR88].

**Space-Efficient** [FJ88].

**Spanning**
[Chu85, DJ88, WWSW87].

**Spare** [DSH89].

**Sparse**
[AJ89, APD83, Mel87, AOES88, DD88a, FS88, Mel89].

**Spatial**
[LP83, VSHM82, MP89c].

**Speaking** [Aup83].

**Special**
[Ano73b, Ano81r, Ano81s, Ano81-39, Ano81-40, Ano81-42, Ano81-43, Ano82-47, Ano82-48, Ano82-49, Ano82-50, Ano82-51, Ano82-52, Ano82-53, Ano83k, Ano83-31, Ano84c, Ano85a, Ano86c, Ano86d, Ano87c, Ano87z, CP82b, RFLS86, Shi87, Tor87, SW88, YMS87].

**Special-Function** [RFLS86].

**Specialized** [VS80].

**Specific** [NM87].

**Specification**
[Boc82, BR83b, CFM⁺86, Hof85, KUV85, MESS82, Sta88a, PL88, Sta88b].

**Specifications**
[Ano80-47, Ano80-48, Ano80-49].

**Spectra** [Muz80].

**Spectral** [LM87b, Maz87, RW84, SK88].

**Spectrum**
[HS84, Mor86].

**Speed**
[But81, Chu87b, CHL83, HFPSS2, Maj85, OI87a, PKL80, SG80, TS87, UT86, WH80a, ZN80, ZG81, ZG87, NOYK88, PP88, TYY85].

**Speed-Efficiency-Complexity** [But81].

**Speedup** [ASHK86, EZL89, PB87].

**Spot** [PN85, YTL87].

**Square**
[AR82, Joh80, Maj85, OE82, ZG87].

**Square-Rooting** [Maj85].

**Squares**
[Sto80b, Smi89b].

**Squaring** [Kar84b].

**Stability**
[Tas83], stabilize [BGW89].

**Stabilizing**
[BC85, Mil82].

**Stable** [Tam80].

**stack** [KM89b].

**Stage**
[AS82a, HC87, Lee85b, GM89, LH88, TS88a].

**Staged** [AGB85].

**Staging** [Sil82, Sil83].

**Stamping** [Her87].

**Standard**
[YM86a, HTDR88].

**Star**
[CHL83, Kam87, KUM89, WFL82].

**Stars**
[KK87].

**startup** [Cal88].

**State**
[CIP87, CHM87, Kam87, Kum89, WFL82].

**States**
[Tas83].

**State-Change** [SC89].

**State-of-the-Art** [Kar82].

**Statements** [BG84].

**States**
[Tas83].

**Statistical**
[BSV83, IBM82].

**Statistically** [Aup83].

**Statistics** [De 82a].

**Status**
[Hur84].

**Steering** [Bis85].

**Stencils** [RAP87].

**Stiff** [BT86].

**Stochastic**
[ACGT84, IDH86, LM88b, Mol82b, BBG88].

**Storage**
[Bur88, CLW80a, GT82, Hj87, KP80a, LV85, QKS85, Sie85a, Sil82, TS86a, TS87, TS86b, WvL85, PBL89].

**Store** [Gel81].

**Store-and-Forward** [Gel81].

**Stored**
[Hay81, Twi83].

**Stores** [BF83].

**Strader** [Smi89a].

**Strategies**
[CN82, FS80, HI80, JDJ85, MTG⁺85, RM86, SC87, TS83, LM88a].

**Strategy**
[BW89b, BB87a, FS81, LA87, SGMP85, Val83, McC85, MP89b, YKL88].

**Stream**
[Sie85b, YPD83].

**Streams**
[Hae86, SS87].

**String**
[AN84, Bur84, Bur82].

**strings**
[Muk89].

**Strongly**
[ML88, NK87a, NC88b, JC88, NK88b].

**Structural**
[Kak83, Lu82].

**Structure**
[Dim85, GH86, JLS80, SGA81, WI84].

**Structured**
[BR83b, De 82b, JLS80, SGA81, WI84].

**Structures**
[AG81a, AS85, BA84a, Bon83a, DMY85, Ell85, GKS84, HKR87, KS82a].
LSW87, TS86a, TS87, WF83, WS82b, Wit81, CICR88, LCF89. **Stuck** [CD86, Kar83, KP80b, LM86, MM84, RB88d, RR86, YN84, Jha88]. **Stuck-At** [Kar83, KP80b, MM84, RB88d, YN84, LM86]. **Stuck-Fault** [CD86]. **Stuck-Open** [RR86, Jha88]. **Students** [Ano81-44, Ano81-45, Ano82-61]. **Study** [BSV83, CS86b, Cra85, Ell85, IBM82, JMKN86, Kam87, KK80b, Kob86, LL81, MWM80, Mel87, MK83b, SWP86, VI84, VSS6b, Wah84, CIT89, HIT88, LLJ89, STR88, US88]. **Subject** [MK83b]. **sub-logarithmic** [Gel89]. **Subsequences** [Man88]. **Subsystems** [Bra83b]. **Subtraction** [FG82]. **Subtree** [LF87]. **Successively** [Sri87]. **Sufficient** [AMM86]. **Suffix** [BG86b]. **Suitable** [Muk86]. **suitied** [SGI89]. **Sum** [Kon86, MH80, Mos87, SM87, FHG88]. **summation** [CM88a]. **Sums** [BSMS81, CM87c, Fam87, Smi89b]. **super** [CM88a]. **Supercomputer** [DGT84, GBG89, IK82b, Lin82]. **Supercomputers** [Men84, PK87, WS84, GZR89]. **Supercomputing** [Lei85b, Tor87]. **Supersystem** [IPM82]. **Supersystems** [AS82a, Ano81t, ABT82, KK80a, Kar82, SG82]. **Support** [Ano87c, SGB87]. **Supporting** [DGS80, Ree84, Str82, BD89]. **Surfaces** [SWK84, Wai88]. **Survey** [LP84, LP85, RA80, Ric86, Veg84, WP82, MM88]. **SVD** [LP89]. **SW** [CM85, RK89]. **SW-banyan** [RK89]. **SW-Banyans** [CM85]. **Switch** [Bry84, KS82a, LC87a, Ram86a, Ram86b, CG88]. **Switch-Level** [Bry84, Ram86a, Ram86b]. **Switchable** [ST87]. **Switched** [CS80b, KD85, YBL89]. **switches** [KJC89]. **Switching** [ABG85, BK87, BCA80, Car84, CH84, GW81, IM87, JK80, KF80, KK80b, Kob86, KD85, L89d, Muz80, Obe80, OJ80, Par80, Por80, RS86a, Sur81, WI84]. **Symbolic** [Abb83, HR87, KS82a]. **Symmetric** [Kit80, MTG83, OO87, WA85b, YM85, AK89, JW89a]. **Symmetry** [Ata85]. **Symposium** [Ano80a, Ano80g, Ano82x, Ano82-60, Ano83b]. **Synchronization** [Cha87b, KO87, Lee80, LAS87, MP87, SR87, VM88, LGM89, NT88, SR88b, SW88]. **Synchronized** [Kim86]. **Synchronizer** [BJ83, LMP82]. **Synchronizers** [KC86, EA89a]. **Synchronizing** [BR88, FK85, Hon81, LS89a]. **Synchronizing/Distinguishing** [Hon81]. **Synchronous** [AB82, Du85, LD87, LM87b, RB82, Sal80, YPD82, PL88]. ** Syndrome** [Ano80z, BSMS81, Mar81, RTJH86, Sav80b, Sav81, TR88]. ** Syndrome-Testability** [Mar81]. ** Syndrome-Testable** [Ano80z, Sav80b]. ** Syndrome-Testing** [Sav81]. ** Syndromes** [SM87]. ** Synthesis** [BZV86, Bra83a, CH82a, Cri80, De82a, DC82, Eng81, HP82, KW85, KK87, M82a, Tha82, Tha84b, VR86, LS88a, WM88b]. ** Synthesizing** [PK88, Che88b]. ** SYREL** [HR87]. ** Systaltic** [OS87]. ** System** [AJ82, Ano81-27, AGH+82, ACD82, BH81, BS86, BS82, BA82, BBB+82, Bux83, CS86b, CF81, CL81, CL80b, CMM87, DM83a, Dah86, DE82a, EHS80, GM82a, GMK85, GLS82, GMG84, Hag86, HN84, HC86, IC80, KH80, Kan81, Kan84, KK82, K85, KS82a, LV82, Liu84b, Lun87, Man80, Mar84, MBCG83, MD86, MS82, MSS82, Mey84, MP83c, ML82, Mor86, NN86, NL82, O82, Par86, PL83b, PS87, RJ80, Ros85a, SY89, SBK85, SS86, SSB86, SR87, SOH+81, SMN82, STR87, SSK+81, SL83b, SAA87, Sta81, Sta82a, ST87, Tas83, T88, T88b, VH84, WO84, WV80, WA85a, WFL82, YFF85, BB88, BF89, BB90b, CJ89, FL88, HT89, RN88, KM89a, KH88, KMK89, LW88, LW89, Mil88, SYK89, SL88b, Sta89, Sta88b, Y89, Kob83, Lan87, PMS88, ZW85]. ** System/370** [Kob83, PMSB88, Lan87]. ** Systematic** [Bla88, BL85, NGP86, OT89].
Systematically [Ree80]. Systems [ASKL81, Ano83q, Ano86d, Ano87c, Ano87z, AL82, BA86, Bat82, BW89b, BK87, BR83b, BS83, BPM+86, BD83, By84, Can83, CS80a, CA80, CL84, Che86a, CA83, CA86, CH82a, CH83, CL84, CH85b, CL87, CLW80b, CH81, CN82, Cve87, DM84, DMY85, ED83, FH80, FM84, Gaj81, Gau86, Gav87, GT83, GB89, GM82b, GJ80, GT87, HS81, HS85, HK81, HKR84, HC82, IK82a, IK82b, IO84, IDH86, Jen81, KW81, KF82, Kar81, KK84b, KK80b, KC87a, KO87, KS80b, KM81, KP87, KK85, KSB87, KC87b, LF85, LY87, Lj87, Lo88, MLT82, MK83a, MS81, MG82, MB80, MK85, MK83b, ML82, NK87b, Ni84, OK83, OA83, PH84, PS83a, PR82, Ram83, RM86, RAP87, RB89b, RW84, SSV81]. Systems [SL83a, ST85, Shi87, SC89, SSF80, SB83, Sny81, STA84, SBMM87, Ten83, TB86, Tow86, TCH+86, TTB85, TS84h, UT86, VHS4, VSV81, WM85, Wen85, Wor81, WL81, YMS6b, YML86, YPD83, YPD82, Agr88, AOE58, Bon89, BGW89, CCF89, CM88b, CA89, DSH89, DT89, EZL89, Fuku88, Gai88a, GC89, GM88a, GS89, HMC89, HKR88, KK88, KS89, LM88a, LPI88, Mel89, MP89b, MASA5, MG89, PP88, PBL89, PK89, RKH88, RB89a, RN88, SW89, Sin89, SRC85, Sul88, US88, WJ85, YZ88, JYM88, Ano82j]. Systolic [AN84, AS85, BK84, BPM+86, CM88a, CI88b, Cha84, Gue86, HQR89, IKP86, KY82, KLL87, LSS85, LL85, LT85, MF86, Mor86, O'L87, Sav84, SSS89, YRT84, ZH85, wu87b, CM88c, Cos88, EA89b, FS88, KR89a, KT89b, LL89, LJ89, cLW88, LP88, Mel89, PL88, ST88a, SR88a, SO89, SS89c, Zho88].

T. [Smi89a]. t1 [YML86]. t1/t1 [YML86]. t1/t1-Diagnosable [YML86]. Table [AM80, Ano80-50, Bus83, GMG84, Niz84b, Niz84a, Par87]. Tables [Cle84]. Tag [KB85, KPR88]. Tagged [Lop84, BS89c, GW89]. tagged-token [BS89c]. tags [HT88]. Taken [Mor80, Wus81]. Tandem [CFH81]. Target [AMM86]. Task [BSV83, CL87, Kob86, LF80, Lo88, MLT82, Man84, PS87, ST85, TB86, TS84b, VW84, VM87b, STA85, US88]. Task/Processor [Man84]. Tasks [BDW86, HT82, KS86b, RSZ89, SLL87, CCW88, Sto89]. TBED [DC87]. TDA [CA89]. Technique [BT86, DLM86, Fis81, MC84, RW82, SGMP85, Van86, VS80, WM86, Bos88, HT88, RSK88]. Techniques [DHS85, KW85, NH85, Owe83, PKL80, TCH+86, WW83, A88, CM88b, KSW89, KT89a, SS89a]. Technology [Ano83]. DD81, DC81a, Lin82, Smi81a, SG82, NC88a]. Telecommunications [Ama83]. Telescope [EHS80]. Temporal [Boc82, BCDM86, SL89]. Temporary [KQS85]. Terminals [GCW83, LS88b]. Ternary [BS87b, HS86, MA89, MSV80, Muk86, YM88a]. Test [AR86, AB86, AC83, AM85, AMM86, AF81, Ano85d, BF80, CP87a, CM87a, CKS88, DB87, Fuj81, FS83, HO81, IKT81, JA85, KT85, KP80b, KK85, KA84, Kri87, Lan87, LS80, LM82b, LMS81, Mar85, MBN81, Mc84, Mic83, PC81, RT86, RS87, SK85, Sav83b, SB84, SS86, Sto80a, SR80, SR81b, TW83, TC84, TA80, TAF87, VR83, WM86, dJvdG88, Abo88, CHRR89, Che88a, GNN88, M88a, PS88, RSK88]. Testability [BNM86, Fuj84, GCV80, HS86, Mar81, PC81, RB83a, Sav83a, SDB84, SS85b, SB80, VS86a, WP82, MA89, SM88]. Testable [AG81a, Ano80z, Bha83b, Kha84, Kor86, Pag80, PR81a, RR86, RH87, Ros83, Sal80, SKF83, SD86b, Sav80b, SF84, SH81a, BS89b, CBA89, HR88, JP88]. Testing [AC83, AC84, AF81, Agr81, AL85, Ano81z, BSM88, BCR83, BA84b, CM87a, CL80a, CS84, DM81, DHR80, DTF80, Dav80a,
FMM84, FM87, Has84, Hay80, HS84, KM84a, KS86a, LS89d, LM86, McC84, MH81, Pie87, Rob85, Sav80c, Sav81, SR86, SM87, SGMP85, SH81b, Svs83, TS84a, WCM87, WM86, Bec88, DFC89, MP89a, MP89b, SL88a, SS88b, Svs89, YKL88]. Tests [BM86b, FK81, Goe81, Kar83, YN84, KK88]. th [CE87]. th-Order [CE87]. Their [Agr80, AK87, CH82a, FJW85, GCV80, RAP87, Zhi84, Mar86, Pol88, RN88, SS89c, SL89]. Theorem [KW85, ST86a, WW83, KSW89, VZMBH89, Vu85]. Theorem-Proving [KW85, KSW89]. Theoretic [Agr81, JM87, Jul80, Kod81, AK89]. Theoretical [Agr83]. Theory [BR82, DS80, Hol82b, HT86, LB88, PP88, SS80, Ste80, SL83b, SAA87, Sta85, VHD82, PP88]. Theory-Based [SS80]. think [Fis88]. thinning [WZ89]. thread [ALL89]. Three [Hla86, PL84, SS86, SD87, TS84a, CD88]. Three-Layer [PL84, CD88]. Three-Rail [TY87]. Three-State [Hla86]. Three-Valued [SS86, WF80a]. Threshold [MTG83, YF88, ZMC89]. Throughput [Bra83b, Dub88, LP81, Wan82]. Throughput-Driven [Bra83b]. ti [YM86b]. ti-Diagnosable [YM86b]. Tight [Lei85a]. Tightly [ASHK86, RW82, BL89]. tightly-coupled [BL89]. Time [AM87, AJ82, Ano86d, Ano87a, ABT82, ACD82, BPV83, BP85, CS85, Car83, CL87, CMM87, DG86, Gmk85, Gk83, Har86, Her87, HL82, Kam80, KO87, KS87, KC87b, LP81, LD87, MB85, MAS84, PS87, Pre83, PP87, RB83d, SGB87, Shin87, SLL87, SC89, SMN82, VM87b, WHT84, WBA83, WFL82, Wu87a, ZRS87, Bec88, CCF89, HHT89, KW89, Nic89, SRC85, Sta89, WS88]. Time-Bandwidth [AM87]. time-shared [WS88]. Time-Space [Car83]. Time-Stamping [Her87]. Times [ACGT84, KSW88, SL83a]. Timestamp [Li87]. Timestamp-Ordering [Li87]. Timing [Bl88, JM87, VM87b, VM87a]. Titles [Ano82-28, Ano82-29, Ano82-30, Ano82-31, Ano82-32]. TMR [Gai88a]. Today [Gar80]. Token [BGW89, GW89, SM82, BS89c, CL88, RN88, RS88b]. token-passing [RN88]. Tolerance [AK87, BA86, CS86c, Cri82, HKR87, HA84, KKS85, KK86, LF87, MI89, RAE84, SL80, SH84, Agr88, AK88, AL88, Coa88, Cos88, Esf89, GM88a, KWFT88, KSW89, Sin88b]. Tolerant [AS82a, AP86, Ano81s, Ano83k, Ano85a, ACD82, BK87, BC85, CN82, DS83a, Doo81, EH85, FT83, GBS89, GS86, HA86, Haw85, Hay84, Hon82, HC87, Iye84, IDH86, KH80, Kes84, KB84, Kor86, LS84, MA82, MSS82, Mil82, Pot82, Pra80, PR82, Pra85a, Pra85b, Pra86a, RV86, Red87a, Red87b, Ren84, Ros83, Ros85b, SBK85, SCP81, SSS87, SL83a, Sti80, Tan84, WA80, YH86, AA88, Ban88, BD89, BW89a, CCW88, CM88b, CM88c, CC89, DT89, Gai88a, GS89, Hos89, JAJ88, KR89a, KPR88, KR89b, KT89b, KJC89, LLJ89, LJL89, LW89, LMM89, LP88, Mey88, Ski88, Tys88, TYZ88, VR89a, VR89b, VM88]. Tolerating [SD80]. Tomography [SG80]. Tools [HT86, BM89]. Topological [SS88a]. Topologies [Hwa87, RGA85, BP89]. Topology [GS81, Bil89, Kum89]. Torus [von83, LM89]. Totally [Gai85a, Gai85b, Gai88c, Gol84, GH80a, HG83b, HML84, Kha82, LM83, NK87b, RB83d, SL83b, Gai88a, ML88, NPP88]. Tours [Cul80]. Trace [Fis81, GB83, CNO88]. Tracing [Sto80a]. Track [SMN82, KJC89]. Tradeoff [KK80b]. Tradeoffs [But81, Car83, DIY88]. Transaction [LYI87, DIY88]. Transactions [Ano80b, Ano81a, Ano81-39, Ano81-40, Ano81-42, Ano81-43, Ano82a, Ano82-47, Ano82-48, Ano82-49, Ano82-50, Ano82-51, Ano82-52, Ano82-53, Ano83a, Ano83-31,
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