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## Title word cross-reference

#14 [Fre74b].

$(d, k)$  [Sto70d].  $(d, r)$  [Spi73].  $-2$   
[Yue75b, KO73, Zoh73d]. 1 [Dav78]. 16  
[Ath75, Erc73]. 2  
[Agr77, Bak75a, BR71, Chi77, GBMC72,  
Liu75, SB77a, SB79, TL73b].  $2^n \times 2^n$  [Ari79].  
3  
[Ano76t, Ano77u, Ano78-42, Dav78, SK78a].  
4 [Ano78-43, CSY75]. 40 [GSB<sup>+</sup>76].  $^2$   
[McC79].  $A = (r - 1)p^2$  [Rao78].  $B$  [Hwa72].  
 $C$  [Ben71].  $d$  [PHG77].  $GF(2^m)$   
[LR71b, Sar78].  $H$   
[MS73b, MA71, RRNA74].  $j$  [PHG77].  $k$   
[AM79c, FN75, Hwa72, TOS71, Wyn71].  $L^2$   
[Pav75b].  $\log_2 x$  [KP75].  $LU$  [SK74].  $M$

[AH76, AM73, AM79c, MF78].  $N$   
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TI72a, WM71, AM73, Goo70, MF78, Pea77,  
RW74, RH74, Wyn71].  $n \geq 1$  [Dru71a].  $O(n)$   
[CW79b].  $P$  [RW74, Kar74, Kri77, Swa74a].  
 $Q$  [SB74b, HC78].  $QR$  [SK77a, SK77b].  $R$   
[Kun75, SV74, Ulm70, PHG77].  $r = 2^n$   
[Dru71a].  $T$  [HK77, HK78, RH75b, PHG77].  
 $X$  [Ath75].  $x^P + x^k + 1$  [AM79c].  $Y$  [Ath75].  
 $y = Ay^n$  [Max77].  $Z$  [Cor77].  
**-2** [Zoh76b]. **-adic** [Kri77]. **-Algorithm**  
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**-Ordered** [Swa74a]. **-Out-of-**  
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**1** [Har70a, Har70b, HA70, Ric74a, Sil73, Su75, Wex71]. **10**  
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[Shi70]. **1972** [Ano72-40]. **1973** [Ano73f].  
**1976** [Ano76v, Ano76z, Ano76y, Ano76w].  
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**2** [And72, And70, Bas71a, Bon74, DLL<sup>+</sup>73,  
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**3** [Aar70, Cha74c, Fly72a, Pag70a, Pav75a,  
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**4** [Bre71c, Cam72, Geo70, Jos72b, Pla73,  
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**5** [Bre73a, Gil74b, Gra70, de 70]. **5th**  
[Ano79c, Ano79d].

**6** [Bas71b, Hob73, Jor74b, Kar70, Tab70b].

**7** [Gil70b, Jor74a, Roo73]. **70** [Wak70c]. **74**  
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**8** [Els74, Ker73, You70].

**9** [CDO78, Feu72, Law70, Ram73a, Swa74b].  
**9-V** [CDO78]. **900** [Guf71].

**A/D** [Mor75, Zoh73d]. **Abbreviated**  
[CM79c]. **ABE** [AT70]. **Abelian**  
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[BT73, Kim79, Poe74, de 70]. **Abstracts**  
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Ano71e, Ano71f, Ano71g, Ano71h, Ano71i,  
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Ano72m, Ano73e]. **Academic** [Tab70b].  
**Accelerated** [Cha71]. **Acceptors** [Har74b].  
**Access**  
[AU74, Bat77, DI71, Hay75, Kau73, KH77b,



KH77c, Law75, Len77, NTA78, Nai79, Nel74, SD79, Sri78, Sti78a, Sto72, Sto75, Wil78].  
**Accessing** [MVW79]. **Accuracy** [Boh77, Kul78, Mar73c]. **Accurate** [AS74].  
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**Adjunct** [Har74b]. **Admissibility** [GW77].  
**Adoption** [PB71]. **Advance** [Ano78c, Ano78f, Ano78d, Ano78e, Ano79e, Ano79f, Ano79g, Ano79h, Ano79i, Ano79j].  
**Advanced** [BCA<sup>+</sup>75]. **Advantage** [CS70].  
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**AFA** [GG73]. **Affecting** [GM76]. **Affine** [DN77]. **AGC** [Mor75]. **AI** [EFLR76]. **Aid** [Ber70b, KR71a, Kar77a, Lan78]. **Aided** [EZS78, Lar71, Mar78, SN71]. **Air** [PS78].  
**Aircraft** [DBM77]. **Algebra** [DM75, DM76, Eps73b, Lee76, SAPR70, SS72, Svo73, Tis71, VLS70]. **Algebraic** [BF75a, CSJ74, Den76, Gou77, GM76, HC78, Pra71a, RS71a, Rud74, SG74, UB74, Whi71c].  
**Algebras** [Eps73a, NSR74, Yeh70]. **Algol** [Fre74a]. **Algorithm** [AS74, AA77, All75a, All75b, Ami77, Ath75, BC71a, BW73, BI72, Ber72, Bla74, BE70a, BG79, Bro77, Bur74, But71, Car71a, CM74, CDO78, Cha74a, CL77, Cor77, Das71c, Den76, DH79, Eks73, EO78, FT76, FD77a, Fre79a, FC77, FBS75, FV79, FK70b, FO71a, FN75, Ful72, GM72a, GL70, God71, Gou77, Gri78a, HPP79, HO79, Hoe76, HW75, IR76, Jac73, JB76a, JLH73, Kau74a, Ken74, KH77b, KH77c, KS73, KF72a, KNF75, Kro74, LNL72, LH76, Lee78b, Len78, LK75, Lig77, Lin70, Lit74, MT74a, MM73b, MM78b, MF76d, MC70, NK74, Nai79, NF77, Nec79, NW79, OS76, Pap78, Par79, PM77b, Pic74, Pre78b, PR71, Ram75, Ram77a, RT79, Rub74, Rub75a, Rub76a, Rub75c, SG74, SK77a, SK77b, SCK73b, SB77a, SV75, SK74, SM70a].  
**Algorithm** [SMW71, Sil79, Sil77, SCL70, Smi76, SO79b, Sto74b, SKK79, Sur74, SH79, Tab70a, Tan78, TI72b, Tom70, Tom73, Tru71, TE76, Van77, Wak70b, Wan75a, WG73, Weg72, Wet78, Wil70, Wil77b, WL77, YT76, YT71c, Yue77d, Bel76, FT74].  
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[Ano70-38, Ano70-39, Ano70-40, Ano70-41, Ano70-42, Ano70-43, Ano70-44, Ano70-45, Ano70-46, Ano70-47, Ano70-48, Ano71-37, Ano71-38, Ano71-39, Ano71-40, Ano71-41, Ano71-42, Ano71-43, Ano71-44, Ano71-45, Ano71-46, Ano71-47, Ano71-48, Ano72-65, Ano72-66, Ano72-67, Ano72-68, Ano72-69, Ano72-70, Ano73o, Ano73p, Ano73q, Ano73r, Ano73s, Ano73t, Ano73u, Ano73v, Ano74-27, Ano75-27, Ano78-44, Ano79-51, HW78].

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[Mar73b, NM76b, NM76a]. **Automata**

[Arb70, Ban74a, Brz70, Cho74, Cut70, EGG71, Gaj75, Hed70, Hop70, Kam70a, Kam70b, KW70, LF78, Moo71, Pag70b,



Par72b, Paz70a, PR74a, Poe74, Pu72, RS71a, SIF76, Tsi70, Wag70, Yan74a, Yan75b, YM78, de 70, de 71]. **Automated** [CRB72, HND75, KJ79, MOW76, Mor76b, SP72a]. **Automatic** [Abe72, AA72a, Bec71, Dee72, OS76, PS78, RS74, RJ72, Rei76, Ros75, SW71b, SH72, WN76]. **Automation** [Cha74c, NR76a]. **Automaton** [Arn70, Bar71, HN78, MF76d, RS72a]. **Automorphism** [TV79]. **Autonomous** [IH73, Kri73, MR72, Wan71]. **Autoregressive** [Tjo77]. **Autotesting** [Cio78]. **Auxiliary** [Dru71a]. **Availability** [CLL78]. **Available** [Ano72-50, Ano73h, Ano79-53]. **Average** [Bri73, Yue74a]. **Averaged** [Dun75]. **Avoidance** [HD71]. **Axiomatization** [Eps73a]. **Axioms** [San76].

**B** [Bar74a, Duk74, Fre74a, Fu74, Ham74, Kuo74, Lei74, Voi74, Wal74, Wul74]. **B70** [Aar70, And70, Har70a, Sto70a, Tab70b, de 70]. **B70-1** [Har70a]. **B70-2** [And70]. **B70-3** [Aar70]. **B70-4** [Sto70a]. **B70-5** [de 70]. **B70-6** [Tab70b]. **B71** [Bas71a, Bas71b, Bre71c, Rux71, Wex71]. **B71-1** [Wex71]. **B71-2** [Bas71a]. **B71-3** [Rux71]. **B71-4** [Bre71c]. **B71-6** [Bas71b]. **B715** [Har71]. **B72** [And72, Cam72, Co072, Cox72, Dee72, Feu72, Flo72, Fly72a, Gag72, Jos72a, Jos72b, Kin72, Luc72, McL72, Rem72, Rip72, Swa72b, Wan72]. **B72-10** [Rem72]. **B72-11** [Kin72]. **B72-17** [Rip72]. **B72-18** [Jos72a]. **B72-19** [Cox72]. **B72-2** [And72]. **B72-20** [Luc72]. **B72-21** [Wan72]. **B72-22** [Swa72b]. **B72-23** [McL72]. **B72-24** [Dee72]. **B72-25** [Coo72]. **B72-26** [Flo72]. **B72-27** [Gag72]. **B72-3** [Fly72a]. **B72-4** [Cam72, Jos72b]. **B72-9** [Feu72]. **B73** [Bre73a, Fai73, Fos73, Gel73a, Hob73, Ker73, Pla73, Ram73a, Roo73, Sil73, Su73, Uhr73]. **B73-1** [Sil73]. **B73-10** [Gel73a]. **B73-11** [Fai73]. **B73-12** [Su73]. **B73-2** [Fos73]. **B73-3** [Uhr73]. **B73-4** [Pla73]. **B73-5**

[Bre73a]. **B73-6** [Hob73]. **B73-7** [Roo73]. **B73-8** [Ker73]. **B73-9** [Ram73a]. **B74** [Bar74b, Bar74c, BS74, Bib74, Bon74, Cha74c, Den74, Els74, Fre74b, Gil74b, Gil74a, Gri74, Har74a, Jor74a, Jor74b, Jos74, Kim74, Kra74, Lew74, Lom74, Lud74, Mah74, Mic74, Mil74a, Mui74, Pav74, Poe74, Rei74a, Rei74b, Ric74a, Ris74, Ros74a, Sch74b, Sie74, Swa74b, Vic74]. **B74-1** [Ric74a]. **B74-10** [Ros74a]. **B74-11** [Poe74]. **B74-12** [Bib74]. **B74-13** [Fre74b]. **B74-14** [Jos74]. **B74-15** [Bar74c]. **B74-16** [Lud74]. **B74-17** [Lew74]. **B74-18** [Bar74b]. **B74-19** [Gil74a]. **B74-2** [Bon74]. **B74-20** [Den74]. **B74-21** [Pav74]. **B74-22** [Lom74]. **B74-23** [Har74a]. **B74-24** [Vic74]. **B74-25** [Mil74a]. **B74-3** [Cha74c]. **B74-35** [Kra74]. **B74-36** [Mah74]. **B74-37** [Mui74]. **B74-38** [BS74]. **B74-4** [Sch74b]. **B74-40** [Sie74]. **B74-41** [Rei74b]. **B74-42** [Rei74a]. **B74-43** [Kim74]. **B74-44** [Gri74]. **B74-45** [Ris74]. **B74-46** [Mic74]. **B74-5** [Gil74b]. **B74-6** [Jor74b]. **B74-7** [Jor74a]. **B74-8** [Els74]. **B74-9** [Swa74b]. **B75** [Gor75, Pav75a, Su75, Voi75]. **B75-1** [Su75]. **B75-2** [Gor75]. **B75-3** [Pav75a]. **B75-4** [Voi75]. **Balakrishnam** [Tab70b]. **Balanced** [FL75, KV73, LP76, LP78]. **Balancing** [Cha74d, CK79]. **Band** [GSJ+76, Sok72]. **Bandpass** [Wai70]. **Bandwidth** [CKL77, Rau79a, Rav72]. **Bandwidths** [CBS71]. **Base** [Agr75a, Agr77, Cha74a, CR72d, Chi77, Jos74, KO73, LJ79, Mat70, Mui74, OW73a, O'K75, OW72, SCK73a, SCK73b, WM71, Yue75b]. **Base-** [Agr77, Chi77]. **Based** [AKT+77, Ber71, Che71b, Che73, DM78b, Gel76, JP73, KH77a, Mey76, MS76, OTK76, PW79a, Per78, Rub79, Sah74, SR72a, TG79, YC76, RT73a]. **Bases** [GS79]. **Basic** [Jor74a]. **Basis** [HA77]. **Batch** [Ano72-39, MN78, Par71]. **Batch-Fabricated** [Ano72-39, Par71]. **Baye** [Tou75]. **Bayes** [Dev74, GY77]. **Bayesian**



[Hun77]. **BCD** [Ben77, BR71, Maj73]. **Be** [SO73, Ano76v, Ano76z, Ano76y, Ano76w, Ano76x, Ano77y, Ano77x, Ano77w, Ano77-28, Ano77-27, Ano77z, Kin71a, LF74]. **Beam** [Wan77]. **Behavior** [BF72, CM73a, Chu70, CW75, FD79, Hei79, HI72, Rau79b, She77]. **Benes** [Len78]. **Berkeley** [DS70]. **Bernoulli** [EGG72]. **Beta** [Gri76]. **Better** [Ano75c, Ano75d, Ano75e, Ano75f]. **Between** [DM75, DM76, Eps73b, Goo71, Kun79, Lan76, MR72, Moo71, RHR76a, RHR76b, Rob70a, Rus72, Stu75, SS72, Tak76, Tou72e, Ull72, Van73a]. **Bias** [DF78]. **Bidirectional** [NT70]. **BIFORE** [ARS71b]. **Big** [SO73]. **Bilateral** [GT78a, Maz71]. **Bilevel** [JR76]. **Bilinear** [Lam79a]. **Binary** [Agr76, AR78, Ake78, AO79, BBC72b, Ban78, Bar77, Ben77, BF75a, Boy74, Bre70a, BP72, BL75, Byr71, CH73a, CS70, CMS79, Cha74d, Che71b, Dav71, Dor72, EI77, FL75, Gad70, Gar72b, GD72, Gra71, GP74, HLD70, Har73, HW79, Hor71a, IC78, JB76a, Klu77, Kri73, LM79, LF74, LW78, Lyn72, MK71b, Maj72a, Maj73, Mar72, Met73, MBM77, NR77b, Obe74, Pak71, PW79a, PM77b, Pea77, PC72, RC71b, RT70, Rat76, Rhy70, RE71, RH74, Rom78, Sag77, SV74, SB72, Sit74, Sok72, Ste72, Sur70a, Tom75, Toy71b, WL74, Wan75c, WC74, Bak76]. **Binary-Coded-Decimal** [LW78]. **Binary-to-Decimal** [Hor71a, Rhy70]. **Biresidue** [Rao70]. **Bit** [CW79b, EF79, Lin70, LHSM74, Pez71a, PBC74, Rob79a, Pez71b]. **Bit-Sequential** [CW79b]. **Bitonic** [NS79]. **Bits** [JW73]. **Black** [Mor74]. **Black-White** [Mor74]. **Blake** [Bha78]. **Blobs** [AL71, SCL76]. **Block** [LR71a, Sto70c]. **Blocking** [RM71]. **Blocks** [BT72, MC78, O'K73, Sch78b]. **Blurred** [Jai77b]. **BN** [CR72c]. **Board** [SO73]. **Boards** [AA72a]. **Bodies** [SF77, SF78]. **Book** [Ano72u, Ano72v, Ano72x, Ano72w, Ano72y, Ano72z, Ano73b, Ano73c, Ano73d, Shi75]. **Books** [Ano77d, Ano78k]. **Boolean** [Bis73, CM79d, DDSM76, DM75, Eps73b, MST<sup>+</sup>75, Yue76, AB78, Bar70, Bau72, Bis70, Bis71, BG78, Bro70b, CRB72, Chi77, Cur76, DS75, DM76, Edw75, GGMM71, GBMC72, GC73, GC71b, HG78a, Hay71b, Hig73, HO72, HC71b, Hwa74, Kli74, KM75b, Lee76, Mar71, MPS78, Pap77a, Pic74, PD79, PC78, PM71, Pre71a, PM76b, PMB77, RS71a, Rud74, Rud76, SB77a, She70c, Spi73, SS72, Sur74, Svo73, TD73, Ull71, Win70a]. **Booth** [Rub75c]. **Bound** [Du72, FN75, Han72, Hol72a, KNF75, NF77, TB75, Van72, Vil70, Wet78]. **Boundaries** [Nev76]. **Boundary** [ACJ75, FD73, FC77, Hu73, NJ77, PCM70, SB72, Tho77, Vic71, WK73]. **Boundary-Value** [WK73]. **Bounded** [NA72, SF78]. **Bounds** [BCKT79, Bau71, CK75, CK77, Chu71, Chu74, Der73, Dev74, FS70, FB73a, Fre79b, Moo71, Red73b, Rub75b, Tou71, Tou72b, Tou75, Wei72, Yue72]. **Bragg** [WKP75]. **Bragg-Diffraction** [WKP75]. **Brain** [Rei74b]. **Branch** [FN75, KNF75, NF77, Wet78]. **Bridge** [Ios78, WS76]. **Bridging** [Mei74]. **Bruijn** [Lem70]. **Bubble** [BD71, Bha75b, BCH<sup>+</sup>73, CW79a, Che78, Gar72a, KSM76, LC79, LJ79, MBSS75, Min75, WC76]. **Bubble-Memory** [BCH<sup>+</sup>73]. **Bubbles** [Whi71a, Wil77a]. **Buddy** [Von75]. **Buffer** [Chu70, Hei79, Hil79, MH70a]. **Building** [AT70, O'K73, ZT75]. **Buried** [YRT75]. **Burroughs** [SB71]. **Bus** [FT79, Nut77]. **Business** [Luc72]. **Bypass** [Kau70a]. **Byte** [Gri78b, NR75, Red78a]. **Byte-Organized** [Gri78b, NR75]. **Byte-per-Card** [Red78a].

**C** [Ano70a, Ano71a, Ano72a, Ano73a, Ano74a, Ano75a, Ano76b, Ano77a, Ano78b, Ano79a]. **C-19** [Ano70a]. **C-20** [Ano71a]. **C-21**



[Ano72a]. **C-22** [Ano73a]. **C-23** [Ano74a]. **C-24** [Ano75a]. **C-25** [Ano76b]. **C-26** [Ano77a]. **C-27** [Ano78b]. **C-28** [Ano79a]. **Cache** [BCB74, Cho76]. **Calculation** [Fos73, Van75]. **Calculus** [Lee76, San76, TD73]. **Call** [Ano77e, Ano78l, Ano78m, Ano78n, Ano78o, Ano78p, Ano78q, Ano78r, Ano79r, Ano79s, Ano79t, Ano79u, Ano79v, Ano79w, Ano79x, Ano79z, Ano79-27, Ano79-28, Ano79y]. **can** [LF74]. **Canonic** [PP75, SR75, SO79a]. **Canonical** [KS75, KS77b]. **Capabilities** [PRD71, RM78]. **Capability** [HPP77]. **Capable** [Gra73, MKO70]. **Capacity** [Bit77, Cho76]. **Card** [Red78a]. **Cardiac** [CC73]. **Cards** [AB79b]. **CARE'S** [Vin78]. **Carlo** [AA76, SF74]. **Carry** [Bri73, Chi77, Pra74, She77, Yue74a]. **Carry-Save** [Pra74]. **Cascade** [BPC75, Cut70, DSBC74, Mat71b, MBSS75, Pap78, Pap76, SK78a, SK79b]. **Cascaded** [GC71a]. **Cascades** [But75, HE79, Kau70a, Kol72, Pap77b, Yoe70b]. **Case** [Bri73, Cha73b, CDL78, FL77a, MH70b, Rub75b, Yue74a]. **CASSM** [SNEL79]. **Catastrophic** [Sri71b]. **Categorization** [TG72b]. **Cause** [BH71a, LB74]. **Cause-Effect** [BH71a, LB74]. **Cayley** [Vil73a]. **CC** [Cur71a, HS70, VVA78]. **CC-Tables** [Cur71a, VVA78]. **CCD** [FM78]. **Cell** [BM77a, BB73, Nel74, Ogu74, SM73a, Sri71a]. **Cells** [But78b, CK74, CW79c, Coy79, Gec77, GT78a, Led72, Liu77a, MH73, PG75]. **Cellular** [Agr79c, BBC72a, BM77a, But76, CL72, Gar72a, HN78, Hu72, Hua71, HK74, Hwa79, Kau70a, KS78c, Kol72, KC73, LR71b, MK71a, Maj72a, Maj73, Man77, NK75, Pap72, RTW78, RW74, SR74a, Skl70, SCL76, SC74, Sun76, TM70, Tom75, Yam70, YO70, Yoe70b]. **Cellular-Array** [LR71b]. **Certain** [BB74a, Erc73, Hen78, Hol72b, Lam79a, Pag72, SK75, Sik70]. **Certifying** [Lee75]. **Chain** [FD77a, God73]. **Chain-Coded** [FD77a]. **Chaining** [TL73b]. **Chains** [Wyn71]. **Chamber** [BD71]. **Chaney** [Wor79]. **Change** [Ano73e, BH73, Bre75, CD73, Lil72]. **Changes** [Chu76, Ung71]. **Channel** [Gil70a, GLL79, Ric72, Smi79a]. **Channel-Assignment** [GLL79]. **Character** [ARS71a, Dos77, Dut74, Gra72, HTD72, Koz71, Nay71, Wil70, Win75]. **Character-Recognition** [Dos77]. **Characteristic** [Has74]. **Characteristics** [BV78, BB73, Cod73, LS71, Pea76]. **Characterization** [BPC75, DM78b, HA74, Kin71c, Wan75c]. **Characterizing** [Dir72, TB75]. **Characters** [DT70, TG72b, TD70]. **Charge** [PM76a]. **Charge-Coupled** [PM76a]. **Chart** [Lan78]. **Charts** [BM70]. **Chebyshev** [VD76b]. **Check** [AM73, BT70b, KM73]. **Checked** [OW73b]. **Checker** [Dav78, MF78, Usa75]. **Checkers** [AR77, Red74]. **Checking** [AM73, AR77, BCH<sup>+</sup>73, Bou74a, Bou74b, BG79, CDJ71, CDS73, CHSS73, CSST73, Dav78, DAA79, Dor72, Fon71, FM73, Hol72a, Hsi71b, MF78, Red74, She78b, TB75, Usa75, Wak74, WY75]. **Chest** [BS76]. **Chief** [Ano71-49]. **Chip** [Woo79]. **Choice** [Dos77, Dui76, Sok72]. **Choosing** [MG71b, Tou72a]. **Chromosome** [KKA71]. **Chronology** [HH76]. **Cineangiography** [CC73]. **CINTEL** [DWT70]. **Cipher** [Rub79]. **Circle** [MB75]. **Circuit** [BW76a, BT74, CDJ71, CDJ73, CK77, DTG79, DW73a, FS70, Fri74, GC71b, HH77, Hou72, Kau70b, Mut76, NT70, Obe72, Ogu75, PM78a, Rus72, Saw74, SR73, SM76, SO73, TW77, WR77]. **Circuit-to-Pin** [Rus72]. **Circuitry** [BT70b]. **Circuits** [AB79a, AM73, Ano75-28, Arm72, ATN70, BC71b, Bet71, BF75a, BHP<sup>+</sup>71, BH73, Bre70b, Bre71d, Bre73c, BW70, CM74, CM77, Cer78, CDO78, CM73a, Cha70, CE75, Cio78, Cur71b, Dan73, Dav77a, Dia75, DAA79, Du71, DW73b, EGG72, EI77, Fai73,



FM74, Fis74, FD79, Fri70, Fri74, FG71b, FG71c, FG76, GR72a, GR73b, HD71, Hay76c, Hu73, HA76, Iba74, JM70, Jum70, Kai70, Kau70b, Kin70, KSM76, Kje72, KS71, LR72, Mag71, Mag73, MT70, MT71, Mar79, Mat71b, McC79, MJ77, MJ78, MT74b, MS70, NA72, NA76a, Ols70, PM75a, PR71, RHR76a, RHR76b, Red72a, Red77b, Rip72, Riv77, Rot70, Roy74, SK78a, SK78b, Saw75, SM72b, Ser73, Ser75, She70a, Sin71, Smi78, SHR72, SC72b, Su73, TM76, Tis71, To73, Toh74, TV76, Ung71, Ung77d, Ung77b, Ung77c].

#### **Circuits**

[Voi77a, Voi77b, Wak74, WM74, WA73, Wyn71, YT71c, YY75, Yua74, ZKK79, Spi73].

#### **Circuits-General [GR72a]. Circular**

[Red73b, SKK79]. **Circulating**

[Myk75, Van73a]. **Class** [AOR74, BS72, Ben71, BV79, BR74, Che71a, Cor71a, Dev74, Ehr72, Gel73b, GT74, Har74b, Has73, Has74, HP72, IH72, KS73, Mar73a, Mat71a, PCM70, Red78a, RS71b, Tou72c, Tou75].

**Classes** [Bau72, Bro70a, DH79, Har73, HI72, JM71, Sag77, Tsi70, Ull72, YT76].

**Classification** [BC71a, BT70a, BB78b, CH72a, CH73b, DTI78, Edw75, Fri77, FK71, FO71c, FF75, Glu71, Hus72, Hus74, Kit78, LT70, LF72, MM73b, MS75b, NFS77, Oza78, PR78, PF72, Pav74, Sam70a, SH72, Yue76].

**Classifier** [Sto74a]. **Classifiers**

[Cha74b, Kul78, Tou72d]. **Classify** [Uhr72].

**Classifying** [GD72]. **Clause**

[DK72, SD74, Sic76]. **Clause-Column**

[DK72]. **Clipped** [Sok72]. **Clisp** [Tei76].

**Clock** [BH71b, HA76]. **Clocked** [Sin77].

**Closed**

[DBC71, Kau70b, VN78, Yan74b, ZR72].

**Closed-Loop** [VN78]. **Closure** [DW72a, RB76, RK75a, Tsi70, Yan73, YB75, YT76].

**Cloud** [HEWB72, SP72a]. **Cluster**

[BCL75, KF72c, KNF76]. **Clustering**

[Ake70, FS78, GL70, JP73, KF72b, KNF75, PS71, RL72, Wet78, WL77]. **Clusters**

[SV75, Zah71]. **Coaxial** [Ano72-39, Par71].

**Cobol** [Sil73]. **Code**

[Agr76, Ano70o, Dev79, En77, FGR71, FR72, Gre75, IC78, Kau70c, MF78, Obe74, Paa79, PB76b, TOS71, Yue78]. **Coded**

[Avi73, FD77a, FL75, LW78, Wei75]. **Codes**

[AM73, AR77, Avi71, BM74, BM78, Bha78, BCC78, CR72c, CD78, FG71a, Gri78b, HP72, KM73, LW78, NR75, PA78, Rao70, Rao78, Red78a, Sri71a, Sri71b, Sun79, TL73b, Wak75b]. **Coding**

[LR72, RC70, Sti78a]. **Coherence** [CF78a].

**Coherent** [FHTS78, LH75, Sri76, Win75].

**Cold** [Eas78]. **Cold-Start** [Eas78].

**Collection** [Tru76]. **Collinearity** [OC76].

**Color** [SM72a]. **Colored** [Jai77a]. **Coloring**

[Ake74]. **Column** [DK72]. **Columns**

[CW79a]. **Combinational**

[AM77, AA75, BK76, BC71b, BK73, Bos79, BH71a, BCS76, CM77, Cer78, CDO78, CK77, Coy79, DB76, Dia75, DAA79, Dor72, DW73b, ES77, EZS78, FM74, FD74b, FD77b, Fri74, GRR72, GS74, GM71, GT78a, GT78b, Hay71a, Hay76c, Kau70b, KS78b, KS71, KK72, KB75, KK77a, KK77b, KC73, LB74, LD74, Mar79, MC71, NA76a, Ogu75, Pap77a, PM75b, PG75, Red77a, Riv77, Rot70, Roy74, RK71, SM72b, SD74, SM75c, Smi71b, Smi78, Smi79b, SS77, Sto77, SC72b, SC74, To73, Tun70b, TV76, TBY78, Ung77d, Wan75a, Wan75b, Whi71c, YT71c, YY75, ZKK79].

**Combinatorial**

[Abr75, Gol76, Par79, Tom73].

**Combinatoric** [Jac73]. **Combined** [IC78].

**Comment** [Ano70o, Bas73, Bel76, Bro70a, BW70, Car71a, Hen70, Hor71a, Lec70a, Paw71, Ree70, SW70a, Sch79a, She77, Swa79a, Wad71, Whi72, Yue74a].

**Comments**

[Ada78, Agr77, Agr79c, Ale71, Bar78, Bau77, BT70a, Bis73, Bla79, Bla74, Bos79, Bre75, Car71b, CH73b, Cer76, Cha79, Chi72, Col77, CM79c, CM79d, Das71c, DDSM76, Das78, DTG79, Dev79, Du71, DM75, DM76, Eps73b, FHTS78, Flo75, FM72b, Gar74, GS74,



Gou77, Gri78b, HO79, Hla78, HL86, Iba74, Kan73a, KS72, Kro74, Kru71, LB74, LD72a, MH78, Maj72b, Maj76, MS73a, Mas78, MMB78, MST<sup>+</sup>75, Nai79, New75a, NA76a, NRS74, Paa79, RB76, Rao78, Red77a, Ric72, RS73b, Sag77, SM75a, Sch73, Sha75, Shi75, Smi79b, Sur70a, Sur73, Sur78, Tab74, Tou72a, Tou72b, TV72, Tou72c, Tou74, Tou75, Tru71, Van73b, Van77, Wak75a, WY75, WK71, Wel74, Wet78, WZ72, Wil77b, Wor79, YB75, YM78, Yue76, Zoh74].

**Committee** [Osb77]. **Common** [Gri78a, JM73, Sch79b]. **Communicating** [SN79]. **Communication** [Hei79, LTE77, Mah74, MF76d, Ris74, Sah77]. **Communications** [Kle76]. **Commutative** [Kar77a]. **Compact** [But72, Los78, SKG77]. **Compaction** [AN74]. **Comparative** [WM76]. **Compared** [CS70]. **Comparison** [Bar75a, CCE74, Che71a, FD75, GG75, GF78, Mil73, MG71b, Sie79, Tou72a, Tou72c]. **Comparisons** [Dig73]. **Compatibility** [Bro70a]. **Compatible** [Rub75b, Tom72, YT76]. **Compatibles** [Han75, RS72b, RS73b, Sto74b, Sur73, Yan75a]. **Compcon** [Ano79b, Ano74b, Ano74c, Ano74d, Ano74e, Ano74f, Ano77f]. **Compensating** [Sie75]. **Compensation** [ASS72, KES72]. **Compilation** [RPL73]. **Compiler** [And72, Feu72]. **Compiling** [Lew74]. **Complement** [BW73, Bla74, DM75, DM76, Eps73b, GG75, Hwa79, JW76, Kro74, MG75, SS72]. **Complementary** [CCB70, Kri71a]. **Complementation** [HO72]. **Complemented** [Vin78]. **Complete** [Ano76t, Ano77u, Ano78-42, Ano79-47, Ano79-48, Ano79-49, Ano79-50, DDSM76, Fon71, IS75, Mar71, MST<sup>+</sup>75, Pu72, Red73a, Rob79a, Tom70, YT71c, Ano78-43]. **Completely** [LH76, Set70a]. **Completeness** [KF78]. **Completion** [Ung77d]. **Complex** [ARS71b, Bau77, CHSS73, Hig73, YT77, Yue75c].

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 Qua74, Rub75b, Yan75a]. **Maximal-Length**  
 [PW79a]. **Maximin** [Hed70].  
**Maximization** [Ram77a]. **Maximum**  
 [Boh77, Bro70a, Han75, KP75, RS72b,  
 RS73b, Sto74b, Sur73, TH79, WD77].  
**Maxwell** [Cat77, Ano77v]. **May**  
 [AG73, Ano77y]. **Mean**  
 [All75b, AOR74, Ano75c, Ano75d, Ano75e,  
 Ano75f, Kul78, Maj72b, Whi70, Wil77b].  
**Means** [AN74, Pag72]. **Measure**



[Das71a, Hel72, Hel74, JP73, KF79, Kor79, Mas78, MMB77, TV72, Wel74]. **Measured** [Ung77a]. **Measurement** [BD75a, BCC78, JP76, Kim74, NS75, Whi71b]. **Measurements** [CJ74, Glu71, You70]. **Measures** [Bea78, BT73, FGR71, SH72, Tou72e, Vil73b]. **Measuring** [FLR78, Skl72]. **Mechanical** [HF71, WG75]. **Mechanism** [MF75, SN72a]. **MECRA** [Mai71]. **Media** [BG75]. **Medium** [Red71a]. **Meet** [Tha78]. **Megasamples/s** [GSB+76]. **Megasamples** [GSB+76]. **Members** [Ano72-50, Ano73h]. **Membership** [Ano72-57, Ano72-58, Ano73i, Ano73j, Ano73k, Ano73l, Ano74j, Ano74k, Ano74l, Ano74m, Ano74n, Ano74o, Ano75i, Ano75j, Ano75k, Ano75l, Ano75m, Ano75n, Ano76i, Ano76j]. **Memories** [AU74, Bae74, Bha75b, BD77, BK71b, CKL77, Che78, CBS71, DB74, FM78, GSB+76, GM70, Hay75, JM73, Klu77, KH77b, KH77c, Koh72b, Len77, LJ79, Mon74, MVW79, NTA78, Nai79, PA78, Pra78b, Rau79b, RF75, Sha78a, SY75, Sri71a, Sti78a, Sto72, Sto75, Sun78, Sun79, Swa74a, Wil71, WC76]. **Memory** [BK79, Bat77, Bha75a, BCH+73, BE70a, BE70b, BB75, CDJ73, CM76, Cov74, Cur70, Cur71b, DI71, DBC73, Dig73, Dru71a, ET75, FS71, Fre79b, FT79, Gar71, GSB+76, GLW74, Gra73, HK77, HK78, Hoo77, Hou72, HB75a, KYO70, Kar76, Kau73, Kin71b, KR75, Koh74, Kuc70, Kur74, Lan76, LC79, LM78, MJ77, MJ78, Nel74, Nut77, Pea76, RTW78, RSH79, Rau79a, Rav72, SNN70, SD79, Sho74, SW76, Sri78, Sri71a, Sri71b, Sto70b, Sto70c, Tho74, TI72b, Toh74, Vai71, Vai72, VM78, Von75, WSB79, Wel78, Wil78, WY73, Yua74]. **Memoryless** [CM74]. **Merging** [Gol76, Hol79, Lam79a, Par79]. **Merit** [Hec73]. **Mersenne** [Rad73, Rad72]. **MESFET** [TG79]. **Mesh** [NS79]. **Mesh-Connected** [NS79]. **Message** [Sah74]. **Message-Based** [Sah74]. **Metaphorical** [Rei74b]. **Metastable** [CW75]. **Method** [AA75, And74, ACJ75, Ano75-28, AB78, Arm72, Ban74b, Ben71, BF75a, BCL75, BM70, BB74b, Bub72, Cha71, Che73, Cur79, Cur77, DS74, DB73, Ekl72, Erc77, Fon71, FG71c, GLR71, Gon70, HB70, Hwa72, Hwa74, Jai77b, Kit77, Kla71, KO78, Koh75, KP71, KK70, LSB77, Lee78a, LR75, Maj72b, Mar78, MR75, MT74b, Nie75, NRS74, OTK76, Oza78, Pap72, Pap77b, Pav77, RB76, RW75, RS72b, RS73b, SA70, Sch73, Set70b, Sha78b, SS75a, SW71b, SN72b, Sur73, SSR72, The75, Tom73, Vic71, WK73, Whi70, Whi71b, Yan73, YB75, Zis76]. **Methodology** [CM77, How75]. **Methods** [AK75, AKT+77, Atk70, AT70, Bar70, Bar74c, CSJ74, CCES74, EH78, GBMC72, HEWB72, Hun77, Kar70, KM78, KPS77, Mag71, Mil75, MS77b, Mor76b, NC78, Pav75a, RGK72, RS75, Rob70a, Tab70b, TH79, UB74, Wes78, WS76, Wor76, Wul74, You70, YRT75, Zah71]. **Metric** [OTK76]. **Microcellular** [Ber77]. **Microcode** [Rob79a]. **Microcomputer** [Kar76, Les71]. **Microdiagnostics** [Guf71, Joh71, RC72]. **Microelectronic** [Ano72-39, Par71]. **Microfilm** [Ros71]. **Microinstructions** [JB76b]. **Micromultiprocessing** [RV73]. **Microprocessor** [BBLT73, CF70a, FT79, HA70, Pea77, Roe78, TW77, VN78]. **Microprocessors** [Ano79b, JM73, Lip77]. **Microprogram** [Age76, CSST73, Pat76, Sta70a]. **Microprogrammed** [AAK74, BK79, BT70b, CDS73, CHSS73, Col77, DBC73, GM70, HG78b, JF72, KSW74, Mon74, Red71a, SAFV71, Swa79b]. **Microprogramming** [AR74, Ber70b, FR71, FLBK76, Gar71, Hig78, JM74, RT74, RA78, Rux71, Shr71]. **Microprograms** [Ada78, Bar78, DT76, Das78, KR71b, Lee75, RS74, Tho74, TG76]. **Microwave** [YRT75]. **millions** [Ano76e]. **MIMD** [PM78b]. **Min** [MMB77].



**Minicomputers** [Kra74, Sch74b, Tro75].  
**Minicomputers-International** [Kra74].  
**Minimal**  
 [AB78, BF78, Bor72, Bre71b, CMS79, Cur77, Dan73, DDSM76, Du72, Fra72, FD74b, FD77b, HG78a, Hay71b, Hig71, KLCC77, Kau70b, KS77b, Lee78b, MT74a, Mar71, MST<sup>+</sup>75, NTK72, Nie70a, Red77a, Reu72, Riv77, TM76, Vai72, Vin78, Yua74].  
**Minimal-State** [Nie70a]. **Minimalization** [Arb70]. **Minimally** [SR74b].  
**Minimization** [BK79, BI72, BS77, Bis71, Bis74, BV79, Che74, CE75, CM79d, DBC73, DH79, Ehr72, GR73b, GM70, GD73, HG78b, Iba71, KW70, Kan73a, Kan73c, Kel70, Koh71, LD72a, Meo75, MS70, ML76, Pap79, RB75, RNMP77, SO79a, SC72a, SC72c, Sur75, Voi77b, YI74, Yue75a]. **Minimize** [Ake70]. **Minimizes** [JB76b]. **Minimizing** [FM78, Hun72, RB76, Yan73, YB75].  
**Minimum** [BC71b, Bet71, CC72, CDJ73, DTI78, IM71, LM79, LL79, Nak79, Nie75, Pat72, SK78b, SCH72, Voi77a].  
**Minimum-Perimeter** [SCH72].  
**Minneapolis** [Shi70]. **Minnesota** [Shi70].  
**Minor** [Gri78a]. **Miss** [Eas78]. **Mission** [FD74a]. **Mix** [Mal72]. **Mixed** [Yen79].  
**Mixed-Operation** [Yen79]. **Mixture** [BD75b]. **MLP** [Guf71]. **MLP-900** [Guf71].  
**Modal** [JW76]. **Mode** [Byr71, MS76, Ung77b, Yen79]. **Model** [Arn73, Ban74a, BW76b, BF75b, BP72, BY79, Chi71, FS74, Gel71, Hay71a, Hay76a, Hoo77, IS76, Jai77c, Joh71, KP74, Kim70, Kim79, Law70, Low73, Mat71b, MK79, Mut76, Per78, Rau79a, Sie79, SN79, SKM78, Ung77a, VN78, Yam70]. **Model-Based** [Per78]. **Modeling** [BCSW76, BCJ<sup>+</sup>71, BCH<sup>+</sup>73, BT76, Mal72, Mat71c, RC72, Sie75, ST76, Var79, Yan74a].  
**Modelling** [JA74]. **Models** [CK79, CLL78, Dir72, Fre77, MH76, MH78, Mil73, Pea75, Reg73]. **Modem** [McL72, Swa72b]. **Modern** [SM71b].  
**Modification** [NR74]. **Modified** [Agr76, DS72a, Das73, Gra73, Hil79, Kit78, LK75, Rub75c, Smi76, Tom70, TM78b].  
**Modifying** [Hay74]. **Modular** [AS74, AC71, Cer78, Dav77a, DM78a, DW72b, GR71a, GST79, Hwa79, KK78, KS79, NM77, OW73a, SM75c, Sut74, TG78, TK74, Toy71a, Wak75c]. **Modularity** [O'K73]. **Modulated** [Ern72]. **Modulation** [Kon71]. **Module** [Ake70, BK76, KH77a, PFL75, Sie75, Voi77a, Voi77b].  
**Module-Level** [BK76]. **Modules** [Ale71, Alm78, BEGW72, FM71, GT74, HK74, Kel74, Lan76, LV75, NA72, Ops72, OW72, Pat73, Pre72, SN79, SB74b, Sur78, TW77, Wak75c, YT70]. **Moduli** [O'K75].  
**Modulo** [Boy74, CR72c, Pap79, YC76]. **Modulo-** [Boy74]. **Modulo-2** [Pap79].  
**Molecular** [Fre77]. **Moment** [DBM77].  
**Moments** [SW71b]. **Monitored** [de 71].  
**Monotone** [Iba74, Lam79a, Mag73, Riv77].  
**Monotonic** [BG78, Dan73, Mat71b].  
**Monotonicity** [Fon71]. **Monte** [AA76, SF74]. **Morphisms** [Yan75b]. **MOS** [MJ78, Dir72, EZS78, Lar71, Liu75, Liu77a, Liu77b, MJ77]. **Mosaic** [Skl72]. **Mosaics** [DS75]. **Motions** [HEWB72]. **Movement** [CW79a]. **Moving** [AD75, CA77]. **MSI** [PGS70]. **MU5** [LTE77]. **Muller** [KS75, KS77b, PP75, SR75, SO79a, Swa72a].  
**Multi** [Kam70a, Nak79, SD74].  
**Multi-Head** [Kam70a]. **Multi-Output** [Nak79, SD74]. **Multi-Tape** [Kam70a].  
**Multicache** [CF78a]. **Multicategory** [Glu71]. **Multicell** [SNEL79].  
**Multichannel** [Gil70a, Ric72, Win75].  
**Multiclass** [Tou71]. **Multicode** [KR78a, NT79]. **Multicomputer** [KK79a, LTE77, She70d]. **Multiconnected** [TWB78]. **Multidimensional** [And71, Bat77, CF79, GR72a, GR73b, Kun79].  
**Multifont** [Sch78c]. **Multiform** [KD73].  
**MultiFunction** [Ham73]. **Multigate** [Win70a]. **Multihypothesis** [Dev74, Tou75].



**Multilevel**

[Glu71, Liu77b, Ram76b, SN71, TG72b].

**Multilingual** [LS71]. **Multiooperand**[AO79]. **Multiple**

[AR78, And74, Bos79, BH71a, BT76, BH73, Bre75, BCS76, CSJ74, CK79, Chu70, CD73, Chu76, CBS71, DS75, Dos77, DW73b, FM74, Fos73, FT76, FT79, GRR72, GS79, Ges70, GLR71, God71, GS74, HC73, ISN76, JM73, KH77a, Kar74, KK72, KM75b, Lan77, LB74, Lin70, Mag70, Maj72c, MM78b, Mil74b, Mor79, Pra78d, PG75, RT73b, SM71a, SW73, Smi78, Smi79a, Smi79d, SN71, TG79, UC75, VVA78, Vra77, Wak75b, YY75].

**Multiple-Bit** [Lin70]. **Multiple-Choice**[Dos77]. **Multiple-Fault** [FM74].**Multiple-Input**

[BH73, Bre75, CD73, Chu76].

**Multiple-Microprocessor** [FT79].**Multiple-Output** [DS75, Mag70, SN71].**Multiple-Response** [Lan77].**Multiple-Stream** [Mil74b].**Multiple-Valued**

[GLR71, ISN76, KH77a, TG79, Vra77].

**Multiple-Word** [CBS71]. **Multiplexed**[HW76, MMB78]. **Multiplexer** [TM76].**Multiplexers** [Lan78]. **Multiplexing**[LC72]. **Multiplication**

[AC71, BBC72b, BW73, Bla74, BH71c, BB75, Che71b, CF78b, DS72b, JB76a, KG72, Kro74, Lev70, Lin70, MK71b, RGK72, Rub75c, SR72a, SW73, SKG77, Tom75, TE77].

**Multiplicative** [Bak75b, Bar77].**Multiplier** [CW79b, Goy76, Ken77b,

LR71b, MG75, MS78, Obe72, Pez71a,

Rob70a, Swa73b, Pez71b]. **Multipliers**

[CL72, GG75, HW70, Hwa79, NR77b, Nus78,

Sik70]. **Multiplies** [HO79, Sil77]. **Multiply**[She71]. **Multiplying** [Mar74, TP72].**Multipoint** [CR72b]. **Multipole** [Ges71].**Multiprocess** [Lam79b]. **Multiprocessing**

[Bae76, BCHL73, KV73, Reg73, RV73].

**Multiprocessor**

[Bha77, Cov74, De 79, EFLR76, FB73a, HS75,

Koh75, Kur74, Lam79b, Mal72, RCG72,

Rau79a, Rum77, SK75, Sch79b, SD79].

**Multiprocessors** [Bha75a, Hoo77].**Multiprogrammed** [RC74].**Multiprogramming** [AI78, BCHL73].**Multipurpose** [GHJ77]. **Multiserver**[Reg73]. **Multispectral** [Deu71]. **Multistep**[Ben70]. **Multitalker** [KM78].**Multithreshold** [DVS74, DV78a, GC71a,

GC73, Ish77a, Ish77b, Set70a, SR72b].

**Multivalued**

[BF75a, DMR77, DM75, DM76, Eps73b, HE79, Ish77a, KS75, KS78c, Kol72, LL72, Mar78, McC79, NSR74, PP75, Sin77, SS77, Sri79, SC72c, SS72, VW72, Yoe70b].

**Multivariate** [BCL75, FO71c]. **Multiwire**[MMO74]. **Munson** [HTD72]. **Mutual**[BR74, Vil74]. **Myopic** [BB78b].**n** [TOS71, KS79, Rat76]. **N-Modular**[KS79]. **N-Tuple** [Rat76]. **N.Y** [Tab70b].**NAND** [CCB70, Cur79, Hay71a, LM79,LD72b, Pap78, SN71]. **Natural**[BDR77, GC77, Mur70]. **Near**

[AB78, Bou74b, Hay71b, JP73, Pat73].

**Near-Minimal** [Hay71b]. **Near-Optimal**[Bou74b, Pat73]. **Nearest**[Cha74b, FBS75, FN75, GY77]. **Nearly**[Cur79, Yue74b]. **Necessary**[Smi79d, Spi71]. **Necessity** [Kau70b, Riv77].**Needs** [Jos72b]. **Negabinary** [Agr78a].**Negative** [Agr75a, Cha74a, Iba71, IM71,

Kri71a, NTK72, Nak79, Paw71, SCK73a,

SCK73b, Wad71, Zoh70]. **Neighbor**[Cha74b, GY77]. **Neighborhood** [O'C75].**Neighborhoods** [ADMR78]. **Neighbors**[FBS75, FN75, JP73]. **Nested** [Hop70].**Nets** [Ama72, BB73, Mor79, NN73, TKH71,Tun70b]. **Network**

[Bos79, CG74, CCB70, CR72b, CCF79,

CF73, EFLR76, Hen71, Hol79, KO78, Lan76,

LS76a, LD72b, Lee78b, Len78, Mar77,

Mas78, MPS78, OY70, SA74, Smi75, Tom70].

**Networks**



[AS74, Abr75, AM77, AM79a, AA75, AA76, Ake70, Ake73, BK76, BCSM72, Bei70, Bei71, Ben71, BK73, BH71a, Bre72a, BCS76, BA71, BY79, But75, But76, But78b, CK74, CW79c, Cle73, CYNM79, DR74, DB76, Dav74, DW72b, DVS74, DV78a, EZS78, Fra72, FD74b, FD77b, GRR72, Gec77, GC71a, GS74, GM71, Har72, Hay71a, Hay74, Hay76b, Hay78b, HW79, Iba71, IM71, Ios75, IA76, Ish77a, Ish77b, KH77a, KK78, Kau74b, Kin71c, Kle76, KS78b, Koh71, KK72, KB75, KK77a, KK77b, Lam79a, LB74, LD72a, LD74, Liu75, Liu77a, Liu77b, Mah74, MH73, MH75, Maz71, MC71, Meo75, MI72, ML76, NTK72, Nak79, Pai73, Pap77a, PM75b, PR73, PR74b, Pra78b, PMB77, Ram73b, Red77a, Ree70, Ris74, RR74, RH75b, RK71, Sah74, Sah77, SR74b, SR75]. **Networks** [SM75a, SM71a, SD74, SK77c, She78b, SY75, Si78, Sie77, Sie79, SR71, SM78, Smi79b, SN79, SS77, SN71, SH79, Tak76, TWB78, Tho78, TS79, TBY78, Uhr72, Van72, Vin78, Wan75a, Wan75b, Wea75, Whi71c, YI74, KD79]. **Networks** [SM75c]. **Neumann** [Yam70]. **Neustadt** [Tab70b]. **Newton** [Hun71, Pav77]. **Next** [AH76, Ano75b, Ano76v, Ano76z, Ano76y, Ano76w, Ano76x, Ano77y, Ano77x, Ano77w, Ano77-28, Ano77-27, Ano77z, MS73a, Sau72a]. **Next-State** [AH76, MS73a, Sau72a]. **Nine** [Mut76]. **Nine-Valued** [Mut76]. **Noise** [Boy74, CY76, EGG72, Jai77a, Mar78, MMO74, Sok72]. **Noise-Perturbed** [CY76]. **Noisy** [DR75, KS77a, LF77, Tru76, You70]. **Non** [Kar77b, MH70b, MH70c, RS71b]. **Non-Abelian** [Kar77b]. **Non-linear** [RS71b]. **Non-Poisson** [MH70b, MH70c]. **Nonclassical** [Mor76b]. **Nondeterministic** [DW72b, KW70, Moo71]. **Nonfundamental** [Ung77b]. **Nonlinear** [Bar74c, CA74, Du71, Far75, FB74, GH72, Hor72, Hun77, Kai70, KF72a, Kru71, LT73, Max77, ND73, NW79, OF73, Tab70a, Tab74, TL73a, WK73, Whi72]. **Nonlinearities** [Saw77]. **Nonlinearly** [AA71]. **Nonnumeric** [Muk79]. **Nonorthogonal** [Cal70]. **Nonparametric** [BT70a, DTI78, Fri77, GY77, JLH73, KF72b, KF72c, KNF76, MS76, Ram76c, Rub76b, Whi71b, Bel76]. **Nonrecursive** [Dav71, Zoh73c]. **Nonredundant** [Wei75]. **Nonresetting** [JM71]. **Nonrestoring** [BJ75, Chi72, MK71a, Rhy71]. **Nonsquare** [All75a, Van77]. **Nonsupervised** [CF70b]. **NOR** [BCSM72, LM79, Wan71]. **Normal** [BD75b, CM79c, HG78a, Mor70c]. **Normalization** [KCLB71]. **Notation** [Ber77]. **Note** [Agr77, Ano77h, Bre72b, Cha79, Ehr72, Gon79, Goy76, Gra73, Har70b, KO73, Kan73b, Kod74, KS77b, Med72, O'K75, Ols70, Pre70, Qua74, Red74, Red77b, Reu72, Ros75, SR72a, SIF76, SB74b, Ulr71, Wor77, Wor79, Wyn71, Yue75b, Zal71]. **Notes** [CR72c, Pag72]. **Notice** [Ano70-27, Ano71x, Ano71y, Ano72-47, Ano72-48, Ano72-49, Ano73g, Ano74g, Ano74h, Ano74i, Ano75g, Ano75h, Ano76f, Ano77i, Ano77j, Ano78u, Ano79-29, Ano79-30, Ano79-31, Ano79-32]. **Novel** [Agr78a, Ban74b, NT70, Toy71b]. **November** [Ano76y, Ano77z]. **NP** [Rob79a]. **NP-Complete** [Rob79a]. **NPN** [Bau72]. **ns** [Pez71a]. **Number** [Ano75-28, BB72, Ban74b, BM73, BM74, BM78, Bau71, BB78c, Bor72, Bre73b, But75, DS72b, FB73a, Har73, Hay71b, HE79, IM71, Jul78, KKK73, KKK74, KMC72, LE77, LE79, NM76b, NM76a, New70, Nus78, O'K75, PW79a, Par72a, PB71, RN77, Sag77, SK79b, SB77b, SA75, Swa79a, Tom75, TJM79, YL73, Yue77e]. **Numbers** [AR78, BBC72b, Bau77, Bre70a, MK71b, Maj72a, Mar73c, MS77b, Yue75c, Yue77c]. **Numerals** [Yue73b]. **Numeric** [KS77c, Mat70]. **Numerical** [Cod73, Eks74, Eks73, Fer77, Har74a, Kor76, MR75, Pav75a, Pic74, PH73, RH73, Shr71, TM76, Wor76].



**O** [VN78]. **Object** [Nev76]. **Objective** [HEWB72]. **Objects** [AB76, BG75, CC73, EUY<sup>+</sup>72, MA77]. **Observability** [Cer78, MR72]. **Obtained** [Dav71, HTD72, SC77]. **Obtaining** [SK71, SS75a]. **Occurrence** [MR72]. **Octal** [PB71, Yue73b]. **October** [Ano76z, Ano77-27]. **Office** [HSS78]. **On-Line** [All75b, HPP77, Lud74, MS75a, SSR72, TE77, Wei75, Wil70, Wil77b, You70]. **On-Set** [DGC74]. **One** [Bar71, BDR77, DR75, Geo70, IH72, Kun79, LHSM74, Pav75b, PB76a, Tom74]. **One-Bit** [LHSM74]. **One-Dimensional** [BDR77, DR75, IH72, Kun79]. **One-Way** [Bar71]. **Ones** [KO78]. **Only** [BB75, Dav70b, Mon74, Pra78b, SY75, GM70]. **Op** [FGR71]. **Op-Code** [FGR71]. **Open** [Gon79]. **Operand** [AR78, SW73]. **Operands** [Avi73]. **Operating** [Bas73, BS74, BR76b, CW75, Fre74b, FM71, Mil74a, WKD70]. **Operation** [FG71a, Hig78, Ung77b, Yen79]. **Operations** [Ano76u, Cha73b, Deu70, FL75, Jul78, KMC72, SC77, Wak74]. **Operator** [Jai77b]. **Operators** [KR73, Mor70c, The75]. **Optical** [Cas73, CH75, CS75, CR78, Far75, FHTS78, HND75, Koc75, Koz71, MJTW75, Sta75b, Stu75, Win75, GW75, LH75]. **Optical-Digital** [HND75, Sta75b]. **Optical/Digital** [CS75, CR78]. **Optimal** [BS78, BCSM72, BD75b, Bou74a, Bou74b, Can71, CG74, CW79c, CS79, CYNM79, Cur79, FB73a, FS75, Ful72, GLL79, Hay78a, Ios78, Kau74a, KH77c, Kri70a, LT73, LHSM74, MS77a, MG71a, Mon74, MI72, Nai79, NFS77, Noe73, NR74, Pap78, Pap77a, Pat73, Pav75b, PM77b, Pea75, RCG72, Sam70b, SH77, SF72, Tab74, Tan78, TW77, WG73]. **Optimization** [Age76, AK75, Bar74c, Bur74, DS75, JM71, KR71b, KK70, LNL72, MM73b, Rob79a, Rot78, Saw74, Tab70b, TWB78, TG76]. **Optimum** [GM76, NR76b, Ops72, PC72,

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[CW79a, Har72, Orc76, Ram73b, KD79].  
**Permutations** [Che78, Len78, WC76].  
**Permuter** [BBC72a]. **Perspective** [AR74, Kim75]. **Perturbed** [CY76]. **Phase** [Dir72, MAB78]. **Phase-Shift** [MAB78].  
**Photo** [SW71b]. **Photographs** [BD71].  
**Photomosaicking** [Mil77]. **Photomosaics** [Mil75]. **Phrases** [KM78]. **Physical** [Key77].  
**Pi** [IR76]. **Pi-Algorithm** [IR76]. **Pictorial** [Ano70y, FE73, Mac70, Ram76b]. **Picture** [AL71, KS78a, KM75a, Kru73, Mor74, ND73, OC76, SB72, ZRD75]. **Pictures** [ADMR78, Hun72, MF75, SC77, SP72a].  
**Piecewise** [ADMR78, Can71, Cha73a, KP75, Lee78a, Pav75b, PH73, Tom74, VD76b, Van75].  
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**Pipelined** [BD77, Li77, Mor79]. **Pipelines** [Roe78]. **Pipelining** [HF72, JA78, KV73].  
**Pixel** [PR78]. **PL** [Jor74b, Rem72, Wex71].  
**PL/I** [Jor74b, Rem72, Wex71]. **PLA** [OH79]. **Placement** [Bae74, HF74]. **Plan** [Ano76c, Ano76d, EUY<sup>+</sup>72]. **Planar** [Ano72-39, CA77, Par71]. **Planarity** [Rub75a]. **Plane** [CY76, NW79, PH74, Sam70b, ZR72].  
**Plateaus** [BDR77]. **Plotter** [Ath75].  
**Plotting** [Wri73]. **PLZT** [BL75].  
**Pneumoconiosis** [JP76]. **Point** [Bau77, Boh77, Bre73b, Cod73, HW76, HF74, Hig76, Ken77a, KKK74, KPS77, Mat70, MMB78, Mor71, O'C75, Pak71, RB78, SV75, SR77, Vic71, Wei75, Yoh73, Yue75c, NA76b].  
**Points** [FD73, LSB77, OC76, Sta74, WA73].  
**Poisson** [Buz73, Chu70, MH70b, MH70c, MN78, Sch73]. **Polarized** [MT74a]. **Poles** [God71]. **Policies** [BB78b]. **Policy** [Ano73e].  
**Polish** [Hus73]. **POLLY** [Bec71].  
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**Polylinear** [Cur71b, HSP78]. **Polynomial** [BB74b, Gri78a, Lee78a, MT74a, MC70, Pav75b, PH73, Rem74, Tou72d].  
**Polynomially** [IS75]. **Polynomials** [Has74, Mar73d, VD76b]. **Popov** [Ano72n].  
**Positive** [HG79]. **Post** [Eps73a, NSR74].  
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**Preprocessing** [Gra72, HKD<sup>+</sup>71, Kuc70].  
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**Problem-Oriented** [Fis76, RA78].

**Problems** [Bar74c, CF78a, CCF79, Gar72b, Has74, IS75, Kar70, Lam79a, Lee75, MOW76, MG71a, Par72b, Sto74a, Tab70b, Tom73, Vic71, WK73, YI74].

**Procedure** [ARS71a, BT70a, Chu71, DS72a, Dut74, EH78, Fis76, Gel76, HTD72, KP74, Kor79, LF72, MT71, Noe73, NR74, Red72a, Rob70b, ROW71, TG78, Tou72b].

**Procedures** [BK72, BH74b, Cur70, FG76, Gol72, Hla78, RC72, Rob70a, SKM78].

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**Process** [Mai71, REFN76, Tab70a].

**Processable** [RPL73, RFL76, RL78].

**Processed** [CB72].

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**Processing** [AP76a, Ano78v, Ano78w, Ano78x, AL71, BG75, CCF79, CDL78, Cor71b, DRS75, Far75, Fen77, FW78, FR76, GSJ<sup>+</sup>76, GR71b, HF71, Hop71, HA70, HB75b, Koc75, KSW74, KF73, Kru73, LT73, Li77, MJTW75, ND73, PC72, RNR75, RTKH77, Roe78, Sch78b, Sch74b, SC77, Sta75a, Sta75b, Sto71, Svo73, SH79, Tab74, TP73, Tun70a, TE76, VM78].

**Processor** [Aus70, BCKT79, Cap76, CS75, CR78, CDS73, CK75, CK79, CW77, CL72, DS70, FL77b, GLMR71, Guf71, HND75, HSS78, Law75, LS71, MM78b, Mil74b, Nut77, RSH79, Red71a, Red79, RSL76, SH77, SNOS79, Sie77, SN79, Ste77, Tho78].

**Processors** [AT70, BK79, BT76, BD77, Fen74, Fen77, FB73a, GC77, Gri78b, Kri77, Lan76, McL72, NR75, PR72, Red71a, Ros74a, SB77b, Swa79b].

**Product** [AP76a, BM74, Bla79, Dru71b, Mar73a, SGR78, Yue75a].

**Productions** [Jol76].

**Products** [AB78, God73, HLD70, Oja79, Pap79, Wak70b].

**Professionals** [Ano77d, Ano78k].

**Program** [Ano78c, Ano78f, Ano78d, Ano78e, Ano79e, Ano79f, Ano79g, Ano79h, Ano79i, Ano79j, Bae74, Cov74, EH76, FLR78, GR71b, How75, Kje72, LM78, Rau79b, Rej72, Sch78b, Wul74].

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**Programmed** [Fre74a, Rot78].

**Programming** [BS77, BW76b, Bre71c, Co072, Den74, Fel79, FW78, Geo70, Gri74, Jor74a, Jor74b, Ker73, MI72, Pap77a, Rem72, RH73, Sil73, Uhr73, Voi75, Weg76, Wex71].

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**Progress** [SG71].

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**Propagation** [MM73a, RHR76a, RHR76b, SW70a, SW70b].

**Properties** [BM73, Bre71b, CL71, CF79, Dav71, Fis74, Gal78, GR72a, Gra71, GM76, HN78, Hay76b, KK79b, Kri73, Mar73a, MG71b, Pra78a, RGK72, SC77, Sun79, TD77, The75, Tou72a, Wan75b, Wea75].

**Property** [DF70, HN71, Hwa72, SF77, She78b, SB72, WG74].

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**Proving** [Abd71, Fis76, Kin71a, MOW76, Mor76b, Rei76].

**Pseudo** [Kli74, PW79a, Pap77a].

**Pseudo-Boolean** [Kli74, Pap77a].

**Pseudo-Random** [PW79a].

**Pseudodivision** [SK71].

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**Pseudothreshold** [Bau71].

**Publications** [Ano72-57, Ano72-58, Ano73i, Ano73j,



Ano73k, Ano73l, Ano74j, Ano74p, Ano74k, Ano74q, Ano74l, Ano74r, Ano74m, Ano74s, Ano74t, Ano74u, Ano74v, Ano74w, Ano74x, Ano74n, Ano74y, Ano74o, Ano74z, Ano75o, Ano75p, Ano75q, Ano75i, Ano75r, Ano75j, Ano75s, Ano75k, Ano75t, Ano75u, Ano75v, Ano75w, Ano75x, Ano75l, Ano75y, Ano75m, Ano75z, Ano75n, Ano76k, Ano76l, Ano76i, Ano76m, Ano76j, Ano76n, Ano76o, Ano76p, Ano76q, Ano76r, Ano76s, Ano77k, Ano77l, Ano77m, Ano77n, Ano77o, Ano77p, Ano77q, Ano77r, Ano77s, Ano77t, Ano78y, Ano78z, Ano78-27, Ano78-28, Ano78-29, Ano78-30, Ano78-31, Ano78-32, Ano78-33, Ano78-34, Ano78-35, Ano78-36, Ano79-33, Ano79-34, Ano79-35, Ano79-36, Ano79-37, Ano79-38, Ano79-39, Ano79-40, Ano79-41, Ano79-42]. **Publications** [Ano79-43, Ano79-44]. **Published** [Ano76v, Ano76z, Ano76y, Ano76w, Ano76x, Ano77y, Ano77x, Ano77w, Ano77-28, Ano77-27, Ano77z]. **Pulmonary** [SH72]. **Pulse** [BH71b, FG71b, FG71c, GD72, Hor71b, Kon71, Obe72, RHR76a, RHR76b, SW70a, SW70b]. **Pulse-Ratio** [Kon71]. **Pulses** [MH70b, MH70c]. **Pure** [Myk75]. **Purging** [Los76]. **Purpose** [DRS75, GGMM71, HC70, SF74]. **Purposes** [Ben70]. **pursuit** [FT74]. **Push** [Har74b]. **Push-Down** [Har74b]. **Pushdown** [Arn70, Kam70a].

**Quadratic** [CY76]. **Quadric** [Mah72, SF78]. **Qualified** [Win76]. **Quality** [FLR78]. **Quantitative** [DB74, DF78, FD75]. **Quantities** [Mat71a]. **Quantization** [CB72, CJ74]. **Quantized** [BD75a]. **Quarter** [JB76a]. **Quarterly** [Ano78h, Ano78i, Ano78j, Ano79k, Ano79l]. **Quasi** [MG75, Swa73b]. **Quasi-Serial** [MG75, Swa73b]. **Question** [BCSW76]. **Question-Answering** [BCSW76]. **Queue** [Sch79b]. **Queueing** [Reg73]. **Quinary** [PW79a]. **Quotients** [HLD70].

**R** [AH76, Wak70c]. **R-70-31** [Wak70c]. **R70** [Ake70, Arb70, Arn70, Bar70, Ben70, Ber70a, Brz70, Cha70, Cut70, Dav70a, Fri70, Geo70, Gil70b, Goo70, Gra70, Har70b, Hed70, Hop70, Jum70, Kam70a, Kam70b, Kar70, Law70, Lev70, New70, Pag70a, Paz70b, Paz70a, Pre70, Rob70b, Rot70, She70a, She70b, She70c, Skl70, Su70, Tsi70, Tur70, Wag70, Win70a, Yam70, Yeh70, Yoe70a, You70]. **R70-1** [Har70b]. **R70-10** [Arb70]. **R70-11** [Yam70]. **R70-12** [Rot70]. **R70-13** [Win70a]. **R70-14** [Cut70]. **R70-15** [She70b]. **R70-16** [Skl70]. **R70-17** [Fri70]. **R70-18** [Goo70]. **R70-19** [New70]. **R70-2** [Hop70]. **R70-20** [She70c]. **R70-21** [Arn70]. **R70-22** [Tur70]. **R70-23** [Kam70a]. **R70-24** [Rob70b]. **R70-25** [Ben70]. **R70-26** [Yoe70a]. **R70-27** [Ber70a]. **R70-28** [Pre70]. **R70-29** [Jum70]. **R70-3** [Pag70a]. **R70-30** [Su70]. **R70-32** [Wag70]. **R70-33** [Paz70a]. **R70-34** [Bar70]. **R70-35** [Tsi70]. **R70-36** [Hed70]. **R70-37** [She70a]. **R70-38** [Lev70]. **R70-39** [Kam70b]. **R70-4** [Geo70]. **R70-40** [Ake70]. **R70-41** [Cha70]. **R70-42** [Dav70a]. **R70-43** [Yeh70]. **R70-44** [Brz70]. **R70-45** [Paz70b]. **R70-5** [Gra70]. **R70-6** [Kar70]. **R70-7** [Gil70b]. **R70-8** [You70]. **R70-9** [Law70]. **Races** [BH71b, Bre74]. **Rademacher** [Yue76, Edw75]. **Radiation** [BG75]. **Radiographic** [HKD<sup>+</sup>71, HE73]. **Radiographs** [ADL72, BS76]. **Radix** [Atk70, BR71, CSY75, Dru71a, DV78a, Erc73, Kri71a, Nic71, Paw71, Wad71, Zoh70, Zoh73d, Zoh76b, Bak75a]. **Radix-** [BR71, CSY75, Erc73, Bak75a]. **Rado** [Lyn72]. **Rahman** [Bha78]. **RAM** [Zoh76a]. **Random** [AA75, Agr78b, AU74, BI72, Bre71d, DB76, EF76, En77, GD72, Hay75, Kau73, KH77b, KH77c, Len77, Los78, MS77b, MVW79, Mur70, NTA78, Nai79, Paa79, PW79a, Sch79a, SLC75, Sok72, Sri78, Sti78a, Sto75, Wil78, Yue77e]. **Random-Access** [Hay75, NTA78, Sri78, Sti78a].



**Random-Error-Correction** [En77, Paa79].  
**Random-Pulse** [GD72]. **Randomized** [LS72]. **Randomly** [BG75]. **Range** [Kri70b, Kri71b, MH75, Sik70].  
**Range-Transformation** [Kri70b, Kri71b].  
**Rank** [Cur73b, GH78, SK74].  
**Rank-Augmented** [SK74]. **RAP.2** [SNOS79]. **Rapid** [AU74, MC70, Roc70].  
**Raster** [HSS78, ST79]. **Rate** [CL75, MH70a, MR72, NR77b, Obe72, Sok72].  
**Rates** [Nad71]. **Ratio** [Hus74, Kon71, Rus72]. **Rational** [SB77b, VV74]. **Ratios** [Eas78]. **Ray** [Wei75]. **Reach** [Ano79b]. **Read** [BB75, Mon74, Pra78b, SY75, GM70].  
**Read-Only** [BB75, Mon74, Pra78b, SY75, GM70].  
**Readily** [Dev79, Ehr76, Kau70c]. **Reading** [AKM<sup>+</sup>71, JM74, Sch78c]. **Readings** [Fly72a]. **Real** [AK72, Dep70, Dow73, Gay78, GSJ<sup>+</sup>76, Goo70, Goy76, HO79, Hen78, HA70, Koc75, Mar78, Pol71, Saw77, Sil77, WKD70].  
**Real-Time** [AK72, Dep70, Dow73, Gay78, GSJ<sup>+</sup>76, Goo70, Goy76, HA70, Koc75, Mar78, Pol71, Saw77, WKD70].  
**Realizability** [BPC75]. **Realizable** [Dav70b, Gel71, HE79, Mat71b].  
**Realization** [AA71, CL75, Cur71b, DSBC74, DGC74, DVS74, EGG71, FT76, GH78, GC73, GCC74, GCP<sup>+</sup>77, HG79, Har70a, HC70, Hen71, Hwa73, KT72, Mag71, MT74b, OY70, PC78, SK78a, SK78b, She70b, Sin72, Sri75, Sri79, TOS71, Zoh76a].  
**Realizations** [Bro75b, Bro75c, CC72, GR71a, GM76, HC72, Hay71b, Kod74, Lan78, MBSS75, OW73b, PM77a, Red72b, RW74, RT73b, Saw74, Ung77c, Wil78, Zei71, Zoh73c].  
**Realize** [PM71]. **Realized** [ATN70, But75, Hu73, LF74, Paz70a].  
**Realizers** [Han72]. **Realizing** [Cur70, OW72]. **Reasoning** [Mam77].  
**Rebalancing** [LP78]. **Rebuttal** [DM76].  
**Received** [BG75]. **Reciprocal** [Ric74b].  
**Recoding** [Rob70a]. **Recognition** [ARS71a, AA77, Ano79c, Ano79d, BD71, BB78a, Bre73a, BP72, BR74, Cal70, Cha73a, Che71a, Chi71, CR72d, Chu71, Chu74, Dev74, DT70, Dos77, Dut74, EK75, Far79, FE78, FP75, FB73b, FR76, Gil74b, Gil74a, Gra72, Har70b, HF71, Hus72, HTD72, JK77, KM78, Koz71, LF77, LF78, Mak71, Mat71b, MA77, Mic74, MF76c, MG71b, NC78, Nay71, PM76a, Pol71, RPL73, REFN76, Rem74, RE71, Sch78c, Sel74, STG71, SN72b, Sto74a, Tak76, TG75, Tjo77, TG72b, Tou71, Tou72a, Tou72b, Tou72c, Tou75, Uhr72, Ull72, Vil72, VV71, WG73, Wea75, Win75].  
**Recognizer** [Nad71]. **Recognizing** [BS76, CY76, TD70]. **Reconfigurable** [Mai71]. **Reconfiguration** [GT74].  
**Reconstruction** [CC73, DB73, KM75a, Wan77, WD77, YRT75]. **Reconstructors** [JM71]. **Record** [Hsi71a]. **Recorder** [Ros71]. **Recording** [BL75, Hoa76].  
**Recovery** [CJW<sup>+</sup>71, CR72a, LL79].  
**Rectangular** [Ake72, Skl72]. **Recurrence** [CK75, KS73, RB72]. **Recurrent** [Kar77a].  
**Recursion** [TV76]. **Recursive** [AM79b, AOR74, Bro77, Fri77, Jai77c, Maj72b, Mor70c, NC78, Whi70, Zoh73a, NA76b].  
**Redefinition** [RA78]. **Reduced** [Bro70b].  
**Reducing** [Ano75-28, HS70]. **Reduction** [Ben71, Cur71a, JA74, KLCC77, Pf73, Pin71, PMB77, VVA78]. **Redundancy** [AS74, AB79a, Atk70, DR74, DM78a, FM72a, Hey71, IS76, Kla71, KS79, LR72, LD74, Los76, Ogu74, SM73a, SM73b, Sie75, Smi78, Smi79b, Wak75c, YT71a].  
**Redundant** [Abr75, BM73, Dah73, DW78, FD74a, FD77b, Lyo70, NA76a, Si78, To73, Toi76, YL73].  
**Reed** [KS75, KS77b, PP75, SR75, SO79a, Swa72a].  
**Referees** [Ano71-52, Ano78s, Ano78a, Ano79-52].  
**Refinement** [ST79]. **Refinements** [WM76].



**Reflected** [Agr76, Obe74]. **Reflection** [Dav72b, Hor71b]. **Refutations** [And76]. **Region** [CW75]. **Register** [Bar75a, BEGW72, HC78, HP75, JW73, Kar76, KK78, Klu77, LF74, Mar73a, Mar73b, MAB78, Max77, Myk75, NR77b, Per70, RT73b, Smi71a, Van73a]. **Register-Transfer** [BEGW72]. **Registering** [HEWB72]. **Registerless** [Mil74b]. **Registers** [AM79c, Hur74, Lem70, Man71, O’K73]. **Registration** [ACJ75, BS72]. **Regular** [Ber70a, HPP79, PM78a, Pat71, Paz70b, Paz70c]. **Reject** [Nad71]. **Related** [Bea78]. **Relational** [De 79, EF76, Kam70b]. **Relations** [Kli74]. **Relationship** [DM75, DM76, Eps73b, Goo71, LR71a, MR72, SS72, Tak76]. **Relaxation** [Cha71, DR77, ZHR77a, ZHR77b]. **Reliability** [AS74, Abr75, Arn73, Bea78, BF75b, BCJ<sup>+</sup>71, BCH<sup>+</sup>73, CLL78, FD74a, HB75a, IS76, IA76, Kor79, KS79, Mal73, Mar77, Mat71c, Mey76, Par72b, RH75a, Sie75, Sti78b, You71]. **Reliable** [Ano79-54, Hu75, Mai71, Saw75, WSB79]. **Remark** [Gre75, Vai71]. **Remarks** [Noe73, OW73a]. **Remote** [Arm73, PRD71]. **Removal** [MH70a]. **Repair** [CS79, GT74, RK75a, RK75b, YO70]. **Repairable** [Arn73]. **Repairing** [AGM<sup>+</sup>71]. **Repeatable** [MH70b, MH70c]. **Repeated** [Bor72]. **Repetitive** [Brz70, Rey70]. **Rephrased** [Nie70b]. **Replacement** [EF79, Gel73b, SM75c, TI72b]. **Replication** [Cov74, LR72]. **Reply** [Agr79b, All77, Ano73z, Bab74, Bar75b, Bib75, BH74a, CM79a, Che72, CBD70, Chu72, CD75, Coh70, Das72, DM76, Edw76, Ekl73, En79, FCC72, FO71b, GRR74, GR73a, GM72b, HC74, HW78, HF70, KAA77, Koh72a, Koo78, LM71a, Mar75, Mar76, MB79, Men70a, PR75, Pra71b, Rao78, RS73a, RS73b, SM79, SS75b, To76, Yue77a, Yue77b, Zoh71]. **Report** [Fre74b, Hob73, Kra74, Lom74, Mui74, Pla73]. **Reporting** [BO79]. **Representation** [Bau77, Das71b, EF76, FE73, HC73, KR73, KN70, KS77c, Lee78a, Mor74, Mor71, NN73, OF73, SM72b, Sel74, SB74a, TL73a, TF73, Tou72d, Yam70, Yue75c, Yue77c]. **Representations** [GB71a, GB71b, Pea76]. **Representative** [Bau72]. **Represented** [Glu71]. **Required** [Lev70, Nie70b, PM71]. **Requirements** [FLBK76]. **Requiring** [Hay71b]. **Research** [BBLT73]. **Research-Oriented** [BBLT73]. **Resident** [Gar72a]. **Resident-Bubble** [Gar72a]. **Residue** [BB72, Ban74b, Ban74c, BM73, BM74, BM78, HC73, Jul78, KKK73, KKK74, Man72b, O’K75, RT70, TJM79, YL73]. **Resistor** [Pak71]. **Resolution** [AM77, BK72, DI71, Gel76, Hen76a, Hen76b, Lan77, LS76b, MN70, Pic74, WM76, YK76]. **Resolution-Based** [Gel76]. **Resolution-Oriented** [AM77]. **Resolver** [MS77a]. **Resolvers** [And74]. **Resource** [Mil74b, PM78b, SN79, Ung77a]. **Responders** [FS71]. **Response** [BV78, FS74, Lan77, Pec76, Sah74, Sah77]. **Restoration** [HA77, Hun73, Hun77, JA74, Jai77a, Jai77b, PD77, TH79]. **Restricted** [But76, FM73, KS78b]. **Restrictions** [KN72]. **Restructurable** [RF78]. **Result** [DW72a]. **Resulting** [KMC72]. **Results** [ABK76, Bri73, CYNM79, Cut70, DW73b, EZS78, HTD72, Lyn72, SR77, Ung77a, YK76, Yue74a]. **Retrieval** [CM73b, RTW78, Ste77, WG74]. **Retrieving** [Wei75]. **Retry** [She78a]. **Reversal** [PBC74]. **Review** [Ano72u, Ano72v, Ano72w, Bas73, Flo75, New75a]. **Reviewer** [Bar75b, Bib75]. **Reviewers** [Ano76a]. **Reviews** [Ano72x, Ano72y, Ano72z, Ano73b, Ano73c, Ano73d, Ano73h, Shi75, Ano72-50]. **Revision** [Hil79]. **Riccati** [Gou77, Den76, SG74]. **Right**



- [Pat71, She71]. **Right-Linear** [Pat71].  
**Rings** [DV78b]. **Risk** [Dev74, Tou75].  
**Robot** [EUY<sup>+</sup>72]. **Robust** [Yue75a].  
**Rollback** [CR72a, She78b]. **ROM** [Jul78].  
**Root** [SK71]. **Rooting** [RGK72]. **Roots**  
 [MK71a, Maj72a, Rud76]. **Rotary** [JK77].  
**Rotate** [NT70]. **Rotating** [FV79].  
**Rotation** [EO78]. **Rotations** [And71].  
**Rounding** [KPS77, Zoh76b]. **Roundings**  
 [Yoh73]. **Router** [AB79b]. **Routing**  
 [Abe72, AKT<sup>+</sup>77, CG74, HW79, KJ79,  
 Lam79a, Sah74, Sah77, SH79]. **RST**  
 [Sur70b]. **RTM** [BEGW72]. **Rule**  
 [Ehr76, Fri77, HS70, KK78]. **Rulers**  
 [Rob79b]. **Runs** [Rom78].
- s** [GSB<sup>+</sup>76, AH76]. **Safe**  
 [Chu76, CD78, DGC74, DAA79, GCP<sup>+</sup>77,  
 HG79, MT74b, PM74, SM75b, TM71, TI72a,  
 TOS71, Toh74, WM74]. **sample** [Vee78].  
**Sampled**  
 [All75b, ASS72, DB73, SSR72, Wil77b].  
**Sampled-Data** [SSR72]. **Samples**  
 [Bab72, BF72, PS78, Tou74]. **Sampling**  
 [Sok72]. **Satellite** [HEWB72, MN78].  
**Satisfying** [KK78]. **Save** [Pra74]. **Scale**  
 [CM70, GC71b, Mor74, VV74, WA73].  
**Scaling** [Jul78, SM71c]. **Scan**  
 [AN74, HB75b]. **Scan-Digitized** [AN74].  
**Scanner** [HND75]. **Scanner-Processor**  
 [HND75]. **Scanning**  
 [Bec71, EF79, Stu75, Wan77]. **Scene**  
 [Pav74, RT71, WH78]. **Scenes** [Gri73].  
**Schedules** [FB73a, Gon79]. **Scheduling**  
 [AI78, Ful72, Kau74a, Koh75, Li77, RCG72,  
 RFL76, RL78, Sto70a, VD76a]. **Schemata**  
 [Tho75]. **Scheme** [AKT<sup>+</sup>77, Che71b, Kla71,  
 LM70, Loo70, Los76, MF76a, SKG77,  
 Toy71b, WSB79, WL74]. **Schemes**  
 [BT70b, DF78, FD75, Hus72, Kri70a, Kri71b,  
 Ple77, Pre78a]. **Science**  
 [Fre74a, Jor74b, Ram76a]. **SCIIRTSS**  
 [HH77]. **SCR** [WS76]. **Script**  
 [EK75, Far79, Moo76]. **Scroll** [Wil70]. **Sea**  
 [Whi71a]. **Search**  
 [BI72, Bur74, Cha74d, Dig73, Fis76, Gel76,  
 HH77, LNL72, LS72, LC79, Pag70b, Pat72,  
 Sic76, TS79, WM76, WC74]. **Searching**  
 [Gri76, RC71b]. **Second**  
 [JM74, RS71b, AG73]. **Second-Order**  
 [RS71b]. **Section** [Ano72-40, Fle79, Wan77].  
**Sectioning** [Hun72]. **Sections** [Ano76-28].  
**Secure** [Pra78a, SM78]. **Security**  
 [FSLC78, TW76]. **Seeking** [KF72c].  
**Segment** [Sta74]. **Segmentation**  
 [DR77, PR78, PF72, Pav73, PH74, RC71a,  
 Wil71, ZRD75]. **Segmented** [Sah77].  
**Segments** [Ros74b]. **Seismic** [SF72].  
**Seismology** [Dav72b]. **Selcuk**  
 [Sah74, Sah77]. **Selected**  
 [Ano78v, Ano78w, Ano78x]. **Selecting**  
 [Chi71, Rob70b]. **Selection**  
 [ARS71a, And71, Che71a, Das71a, Deu71,  
 FK70a, Kit77, LD75, MT70, MSJ72, NF77,  
 SW76, TV72, Tou72c, WNR74, Whi71b].  
**Selector** [Hol72b]. **Self**  
 [Ama72, AM73, AR77, BCH<sup>+</sup>73, CDJ71,  
 CDS73, CHSS73, CS79, CSST73, Dav78,  
 DAA79, Dor72, HA76, Los76, Mai71, MF78,  
 OW73b, Red74, RV74, She78b, Ung77b,  
 Usa75, Wak74, AGM<sup>+</sup>71]. **Self-Checked**  
 [OW73b]. **Self-Checking**  
 [AM73, AR77, BCH<sup>+</sup>73, CDS73, CHSS73,  
 CSST73, Dav78, DAA79, Dor72, MF78,  
 Red74, She78b, Usa75, Wak74].  
**Self-Diagnosable** [CS79]. **Self-Organizing**  
 [Ama72]. **Self-Purging** [Los76].  
**Self-Reconfigurable** [Mai71].  
**Self-Synchronization** [HA76].  
**Self-Synchronized** [RV74].  
**Self-Synchronizing** [Ung77b].  
**Self-Testing** [CDJ71, AGM<sup>+</sup>71]. **Semantic**  
 [BCSW76, Hen76b, Wal76]. **Semantically**  
 [Rei76]. **Semantics** [JW76, Ros74a]. **Semi**  
 [Sar78]. **Semi-Fast** [Sar78]. **Semicausal**  
 [Jai77c]. **Semiconductor**  
 [BD77, NTA78, Sri78, Sun78]. **Seniority**  
 [Os77]. **Sensitive** [BH73, Hay75, SR71].



**Sensitization** [CRB72]. **Sensitized** [KK79b]. **Sentences** [Hub76]. **Separable** [AA71, AR77, CD78]. **Separating** [Sto77]. **September** [Ano77-28]. **Sequence** [Kri73, Sur70a]. **Sequences** [Ama72, AM79c, CL71, DDSM76, Dav71, FM73, Gal78, Hab77, HC78, HH77, JW73, LE71, Mar71, Mar73a, MH70b, MH70c, MAB78, MST<sup>+</sup>75, MBM77, PW79a, Qua74, Smi71a, Sut74, TB75]. **Sequency** [Bro77, CL77, GC77, KH74, Red73b, SO79b]. **Sequence-Ordered** [Bro77]. **Sequential** [Abd71, AB79a, Agr75b, AU74, Alm78, Ano75-28, ATN70, Bei70, Bei71, BB78b, Ben71, Bis74, Bou74b, BH71b, Bre71d, Che74, CW79b, Chi71, CD78, Cio78, Cur70, Cur71b, Cur73b, Cur73a, DF75, DTG79, Dav70a, Dav70b, DSBC74, DGC74, DAA79, DW72b, Du71, DH79, Ehr72, EGG72, Far73, Fel79, Fre79b, Fri70, FM73, FG71b, FG71c, FK74, FNSK75, GH78, Gel71, Ges70, GB71a, GB71b, GD73, GCC74, GCP<sup>+</sup>77, HD71, HSP78, HG79, Har72, HC71a, HC72, HH77, Hol72a, HC71b, Hsi71b, Hu72, Hu73, HA76, Hus72, Hus74, Hwa73, Iba74, Jos78, Jum70, Kai70, KYO70, Kar74, KM73, Kel70, Kel71, KS77a, KN72, Kin70, Kin71c, KK77b, KR78a, KC73, LR72, LV75, LSB77, Len77, Mag71, Mag73, MT70, MT71, MS73a, MS74, Man72a, Mar70, Mar77, Mey71, MVW79]. **Sequential** [MJ77, MJ78, MT74b, MKO70, NT79, NA72, Nie70a, Ols70, OS76, PM77a, Par72a, Par72b, PM78a, PM74, Paz70c, PHG77, PD79, Pre70, Ram76b, RB75, RB76, RV74, RN77, RT73b, Sau72a, Sau72b, SM74, Saw74, Saw75, SM75b, SR73, Ser73, Ser75, SM76, She77, She70b, She70c, SV74, SY75, Sil79, Sin71, SR71, Smi74, SN72b, Sto74b, Sto75, SHR72, Sun76, SB74a, Sur78, TI72a, Tan71, TA71, TOS71, Toh74, Tom72, TB74, Ulr71, Ung71, Vai71, Voi77a, Wak75a, Wak75c, WY75, Wan71, WM74, Wil78, WZ72, Wil75, WH78, Yan73, Yan74b, YB75, Yua74, Vee78]. **Serial** [BK71a, Hor71a, IC78, Lit73, MG75, Rhy70, Sit74, Swa73b, Tro75, Wil77a]. **Series** [Ric74b, Yue75e]. **Set** [AM79a, Bub72, DGC74, DW72a, FS75, GHJ77, GF78, Lig77, MBSS75, Moo71, Nie75, NRS74, RS71a, Set70b, SF78, Smi76, WGS78, Yan74b]. **Sets** [AM79b, Ake73, Bet71, Bou74a, Dan73, Das73, DDSM76, DBC71, GY77, GL70, Gre75, HG78a, Hen76b, KS71, Mar71, MST<sup>+</sup>75, Pra78d, Red73a, SR75, Sch78a, SC77, Wan75a, YT71c, de 71]. **Setting** [OS76]. **Seven** [MG71b, Tou72a]. **Shading** [Gou71, LH79]. **Shape** [Dav77b, UM77]. **Shaped** [Oza78]. **Share** [PRD71]. **Shared** [Gad70, JP73, Kle70, Mil74b, OW73b, PM78b]. **Shared-Resource** [Mil74b]. **Sharing** [Gel73a]. **Shift** [CF78b, Dav74, Eks73, HC78, Hur74, JW73, Kar76, KK78, Klu77, Lem70, LF74, Mar73a, Mar73b, MAB78, Myk75, NR77b, NT70, Per70, RT73b, She71, Smi71a, TG72a, Van73a]. **Shift-Invariant** [Eks73]. **Shift-Register** [JW73, Kar76, KK78, Klu77, LF74, Mar73a, Mar73b, Smi71a]. **Shifts** [RRNA74]. **Ship** [SW71b]. **Shop** [Gon79]. **Short** [Bak79, Cur79, Fri74]. **Short-Circuit** [Fri74]. **Short-Cut** [Cur79]. **Short-Word-Length** [Bak79]. **Shortened** [Sun79]. **Should** [SO73]. **SHR** [Noe73, NR74]. **SHR-Optimal** [Noe73, NR74]. **Shuffle** [Lan76, LS76a, Sto71]. **Shuffle-Exchange** [Lan76, LS76a]. **Sides** [Dav77b]. **Sieve** [Mar78]. **Sift** [DM78a]. **Sift-Out** [DM78a]. **Sigma** [Lyn72]. **Sign** [Chi77, HL86, SA75, SCNS83]. **Sign-Flipping** [Chi77]. **Sign/Logarithm** [HL86, SA75, SCNS83]. **Signal** [CB72, Cor71b, DRS75, GLMR71, HF71, HA70, Kor79, KSW74, NA72, PM75a, Rej72, SH79, Tru76]. **Signal-Dependent** [CB72]. **Signals** [All75b, Kuo74, LC72, Mar78, Ung77d, Usa75, Wil77b, Yue74b]. **Signature**



[HF71]. **Signed** [Agr76, AR78, BBC72b, Chi77, DS72b, MK71b, Tom75, Tun70b]. **Signed-Carry** [Chi77]. **Signed-Digit** [Tun70b]. **Signed-Number** [DS72b]. **Significance** [BM77b]. **Significant** [Ges71]. **Silhouettes** [SCH72, SN72a]. **SIMD** [Sie77, Sie79]. **Similar** [Liu77a]. **Similarity** [JP73, OS76]. **Simple** [BJ75, BV78, CDJ71, Gar72b, GBMC72, Gri73, HTD72, IR76, Jol76, Maj72c, MBM77, MC70, PC72, Rhy71, SN79, TB75, Von75]. **Simpler** [FP75]. **Simplex** [Sil79]. **Simplification** [KN72, VW72]. **Simplified** [Car71b, Cur76, HK74, KS72, LM71b, LS76a, Zis76]. **Simplify** [AB78, HF74]. **Simplifying** [Das71b, Pin71]. **Simply** [Has73, SSK72]. **Simulated** [LF74]. **Simulating** [Arm72]. **Simulation** [Ben70, Bre70b, Bre72b, CCES74, Fre77, Gor75, JM71, KP71, KV76, MCRD72, MC78, Mor76a, RHR76a, RHR76b, RC71c, SW70a, SW70b, Sch74b, She70d, SM70b, Stu75, ST76, Ung77a, Vic74, Wai70]. **Simulations** [RH73]. **Simulative** [MM73a]. **Simulator** [BW77, Gra73]. **Simultaneous** [Has73]. **Simultaneously** [KMC72]. **Sine** [SP77, Bak76]. **sine/cosine** [Bak76]. **Single** [Bro71, Dev79, FS74, Gil70a, Har70b, Kau70c, KT72, KR78a, Mar79, MS78, NT78, Ric72, Rot70, SS77, WSB79, WL74]. **Single-and** [FS74]. **Single-Channel** [Gil70a, Ric72]. **Single-Error-Correcting** [Dev79, Kau70c, WL74]. **Single-Gate** [Rot70]. **Single-Parameter** [Bro71]. **Single-Tape** [Har70b]. **Single-Threshold** [KT72]. **Sinusoids** [HO79, Sil77]. **Size** [Len77, Moo71]. **Sized** [Red71a]. **Skip** [Lig77]. **Skip-and-Set** [Lig77]. **Skit** [O'K73]. **Slave** [FG76, Wil71]. **Small** [MBSS75, RV73, SB77b, TS79]. **Small-Diameter** [TS79]. **Smaller** [KO78]. **Smooth** [CL71]. **Smoothing** [Boo70, Dui76, Gol72, KS78a]. **Society** [Ano72n, Ano79m, Ano79n, Ano79o, Ano79p, Ano79q, Ano72-50, Ano72-57, Ano72-58, Ano73h, Ano73i, Ano73j, Ano73k, Ano73l, Ano74j, Ano74p, Ano74k, Ano74q, Ano74l, Ano74r, Ano74m, Ano74s, Ano74t, Ano74u, Ano74v, Ano74w, Ano74x, Ano74n, Ano74y, Ano74o, Ano74z, Ano75o, Ano75p, Ano75q, Ano75i, Ano75r, Ano75j, Ano75s, Ano75k, Ano75t, Ano75u, Ano75v, Ano75w, Ano75x, Ano75l, Ano75y, Ano75m, Ano75z, Ano75n, Ano76c, Ano76d, Ano76h, Ano76k, Ano76l, Ano76i, Ano76m, Ano76j, Ano76n, Ano76o, Ano76p, Ano76q, Ano76r, Ano76s, Ano77k, Ano77l, Ano77m, Ano77n, Ano77o, Ano77p, Ano77q, Ano77r, Ano77s, Ano77t, Ano78y, Ano78z, Ano78-27, Ano78-28, Ano78-29, Ano78-30, Ano78-31, Ano78-32, Ano78-33, Ano78v, Ano78-34]. **Society** [Ano78w, Ano78-35, Ano78x, Ano78-36, Ano79-33, Ano79-34, Ano79-35, Ano79-36, Ano79-37, Ano79-38, Ano79-39, Ano79-40, Ano79-41, Ano79-42, Ano79-43, Ano79-44, Ano79-53]. **Software** [Ano78-39, Ano78-40, Ano78-41, Boe76, Gay78, Ham74, Lom74, Pag72, Ano79-54]. **Solid** [Stu75]. **Solid-State** [Stu75]. **Solution** [Abr75, Bak79, BM70, CF78a, CM70, CW77, DTI78, Du72, Eks74, Fra78, GLR71, GLL79, Kar70, Kli74, KS73, Lou70, Maz71, Men70b, MG71a, MR75, MC70, NK74, Nam70, New75b, SF74, Sch73, Ulr71, WG73, Wit70, Wor76, Wri73]. **Solutions** [Bro70b, Bro71, Hig71, WK73]. **Solvable** [Has73]. **Solve** [RS71b]. **Solver** [Buz73]. **Solving** [BB74b, FL77a, Max77, MN70, SG74, Sri76, Tom73, Wex71]. **Some** [ABK76, Bak75b, Bha77, Bha78, Bre71b, Bri73, BB73, Chi72, Chu74, Cut70, DF78, DH79, Fly72b, FK78c, Gar76, HN78, Hoe76, HI72, Hus72, JW76, KF78, Kin71c, Kri73, Lee75, LS76b, Maj76, Mil73, Nay71, New75b, Pag72, RGK72, RS71a, SC77, SR77, Tou71, Tou72e, Ung77a, Vin78, Wea75, WK71, YM78, Yip76, Yue74a, Bak75a]. **Sonic** [BdB70]. **Sort** [NS79]. **Sorting**



[BS78, Lam79a, Mor79, Pre78a, Roc70, SM70b, Van72]. **Source** [Mar73b]. **Sources** [Boy74]. **Soviet** [SG71]. **Space** [But71, Der73, Fre77, Hec73, Hop71, LSB77, PR78, SIF76, Weg72, Wri73]. **Space-Efficient** [Weg72]. **Space-Filling** [But71, Fre77]. **Spaceborne** [WSB79]. **Spaceflight** [WKD70]. **Spaces** [BF78]. **Spanning** [BF78, KLCC77]. **Sparing** [BF75b]. **Sparse** [Gri78a]. **Spatial** [SM72a]. **Speaker** [Mak71, Moh71]. **Special** [Ano76-28, Bec71, CH75, DRS75, DH79, Ehr72, Fle79, GGMM71, HC70, SF74]. **Special-Purpose** [DRS75, GGMM71, HC70]. **Specialized** [Swa79b]. **Specification** [Dub79, Mon74]. **Specifications** [Ano79-54]. **Specified** [Bis74, DH79, GD73, Hig73, Kel70, Pfl73, RB75, Sch75, TG75, Wil75]. **Spectral** [AC70, CL71, Hun71]. **Spectroscopy** [GW75]. **Spectrum** [WGS78, Yue74b]. **Speech** [EFLR76, Mak71, REFN76, Wal76]. **Speed** [Agr79a, CH73a, Chi78, CH72b, Cio78, Cor71b, Gar74, Hou72, JM70, KES72, KG72, Kel74, Ken77b, Kri70a, Kuc70, LE71, Lin70, Lit74, LM70, Loo70, Mar73c, Qua74, RGK72, SW71a, SW76, Sri71a, Sri71b, Ste72, SKG77, Sto70c, SKK79, Tom75]. **Speed-Independent** [Cio78, Kel74]. **Speeding** [BBP75, Pag72]. **Speedup** [KMC72]. **Spherical** [RB72]. **Spline** [Dub79, HA77, Lio76]. **Spoken** [KM78, Pol71]. **SPOOF** [Cle73, SS75a]. **Spread** [Eks73, Wyn71]. **Squad** [Wak70c]. **Square** [HB75a, JB76a, MK71a, Maj72a, RGK72, Rud76, SK71]. **Square-Rooting** [RGK72]. **Squares** [Agr78a, All75b, Gol72, HA77, Hun73, Maj72a, Wil77b]. **Squaring** [Che71b]. **SR** [Brz71]. **Stability** [GW77, Gil70b, SIF76]. **Stabilization** [Tab70a]. **Stable** [AH76, HO79, Sil77]. **Stack** [Hop70]. **Stage** [Ast78, VR77]. **Standard** [GSB<sup>+</sup>76, Hen78, Guf71]. **Standby** [BF75b]. **Standby-Sparing** [BF75b]. **Standing** [Ano76c, Ano76d]. **STAR** [AGM<sup>+</sup>71]. **STARAN** [Bat77]. **Stare** [DLL<sup>+</sup>73]. **Start** [Eas78]. **Stastical** [Tru76]. **State** [AH76, Ben71, BF72, Bis74, Bou74a, Cha72, CL75, CW79c, Cur73a, DH79, Ehr72, Fre74b, FG71c, Gec77, Gil70a, Goo70, GD73, Hob73, HB70, KW70, Kel70, Kin71c, Kra74, Kri73, KR78a, LF74, Lom74, MT70, MT71, MSJ72, MS73a, MB77, Moo71, Mui74, NT78, NT79, Nie70a, Noe73, NR74, NR76b, NK75, Par72a, Pfl73, Pla73, Pra78a, RN77, Ric72, Sau72a, Sau72b, Smi74, SHR72, Stu75, Tan71, TB74, Vai72, Wai70, WR77, Yan74b, Yeh70, de 71]. **State-Set** [Moo71]. **State-Variable** [Wai70]. **States** [Bar71, New70, Per70, Tom72, YT76]. **Static** [BE70b, BH74b, Cod73, HK77, HK78, Hla78, Zis76]. **Static-Hazard-Free** [HK77, HK78]. **Statistical** [BW76a, BCL75, EZS78, Mar73a, Moh71]. **Statistically** [BT72, Hur74, Hus74]. **Status** [AR74, Ano77b, Ano77c, RT73a]. **Step** [BH76, DR75, PB76a]. **Stochastic** [Ban74a, EGG71, FF75, Gel71, LT70, LF72, LF77, Nie70a, Pag70a, Pag70b, Par72b, Paz70c, Paz71, Pre70, Sil79, Tho75, VN78]. **Storage** [Anz71, Cho76, GG73, Har76, Hoa76, KLCC77, Mcd72, Nel74, PA78, RC74, SM71b]. **Store** [HG78b, HPP77, JB76b]. **Stored** [DEA73, DS74, Dru71a, IC78]. **Straight** [Ada78, Bar78, BLZ75, Byr71, CY76, DT76, Das78, Fre79a, Ros74b, Sta74, SKK79]. **Straight-Line** [Ada78, Bar78, DT76, Das78, Sta74]. **Strategies** [CR72a, FD74a, KR71b, RCG72, WM76]. **Stream** [KV73, Mil74b, Rub79]. **Strings** [Wil70]. **Strongly** [SM78]. **Structural** [RK71, Yan75b]. **Structure** [AC71, Bas71b, BR78, Cho74, DS72b, DW73a, Kru71, MN70, NM76a, Weg72, Whi72]. **Structured** [BS76, BS75, GG73, KD79, Pat76].



**Structures** [BM77a, Ben77, Ber71, BW76b, Duk74, ET75, Elm76, FE73, Fly72a, Klu77, KC73, Law70, Les71, MAB78, Pat72, Ram73a, Rei74a, RS71a, TJM79, Wan72].  
**Strum** [Pat76]. **STT** [FG71c, NT79]. **Stuck** [BCS76, Ios78, KH77c, KR78b, Mei74, Nai79, SS77, Sun79, Wei72]. **Stuck-At** [Ios78, Mei74, KH77c, Nai79, Sun79].  
**Stuck-Fault** [Wei72]. **Stuck-Faults** [KR78b]. **Stuck-Type** [BCS76, SS77].  
**Students** [Fre74a]. **Studies** [Avi71, Fel79, Nay71, Ros74a, WBRG76].  
**Study** [BCL75, Cha73b, CDL78, DF78, Far75, FL77a, HN73, Ken77a, MM73a, MH70b, Nel74, Red71a, Smi79a, Stu75, WM76].  
**Style** [Gri74]. **Stylus** [BdB70]. **Subcodes** [Rao72]. **Subdirect** [Tur70]. **Subfunctions** [Reu75]. **Subject** [Ano71-51]. **Submatrices** [Ban78]. **Suboptimal** [Hab77].  
**Subresultants** [Gri78a]. **Subroutine** [Roc70]. **Subroutines** [KR71a]. **Subscribe** [Ano76t, Ano77u, Ano78-42, Ano78-43, Ano79-47, Ano79-48, Ano79-49, Ano79-50].  
**Subscription** [Ano76c, Ano76d]. **Subset** [NF77]. **Subsets** [Chi71, MG71b, Rub75b, Tou72a].  
**Subspace** [The75]. **substitution** [KD79]. **substitution-permutation** [KD79].  
**Subsystem** [Mal73]. **Subtraction** [Ban74b].  
**Successive** [JW73]. **Sufficient** [Smi79d].  
**Suggested** [Hen78]. **Suggestion** [Bak76, Ste72]. **Suitability** [GR71b]. **Sum** [AB78, KO73, Pap79]. **Sum-of-Products** [AB78]. **Summability** [GBMC72, Hwa72].  
**Summation** [HK74]. **Sums** [Cur77, JW73].  
**Supervised** [CF70b]. **Support** [FSLC78, KS77c, Wor79]. **Supporting** [De 79]. **Surface** [Ges71, Mah72]. **Surfaces** [Gou71, OF73, SF78]. **Survey** [Age76, Ano77g, Bas73, Gar76, HKD<sup>+</sup>71].  
**Survivable** [GLW74]. **Swap** [Kle70].  
**Swap-Time** [Kle70]. **Switch** [Ast78, IS76, Ogu74, SM73a, SM73b].  
**Switched** [CG74]. **Switching** [AA71, Bei70, Bei71, BR76a, BR78, BV79, Bro75b, Bro75c, CM77, CDS73, CHSS73, CYNM79, Das71b, DS71, DK72, DW73a, DM75, DM76, Eps73b, HPP79, Han72, Hen71, HE79, Iba71, Kau70a, Kin70, Kin72, Kje72, KS77b, LH76, MN78, Mat71b, Maz71, MS70, MI72, OW72, OY70, Pap77b, Pra78c, Red72a, RNMP77, Sch75, SD74, SM75c, SM70a, SMW71, Smi71b, Spi71, Su70, SC72c, SS72, Sur75, TD73, TD77, Tha78, Tis71, Tom70, UB74, Ung71, VLS70, VW72, Wes78, YT71a, YT71b, ZKK79]. **Symbiosis** [Arb76]. **Symbol** [MR72]. **Symbolic** [Hol72b]. **Symmetric** [Bis70, Bis73, Bor72, Dah73, HS75, KKK73, KKK74, LL72, LH76, MM78b, RH75b, SK77a, SK77b, YT71b].  
**Symmetries** [EH78]. **Symmetry** [DS71, KD73, TV79, YT71a]. **Symposium** [AG73]. **Synchronization** [Brz70, DW78, GS79, HA76, SH77].  
**Synchronized** [RV74]. **Synchronizer** [CM73a, Cha79, FD79, Wor77, Wor79].  
**Synchronizers** [CW75, EW77, Pec76].  
**Synchronizing** [LM70, Loo70, Ung77b].  
**Synchronous** [Ano75-28, Chu70, Cur70, Cur73a, DSBC74, FG76, HSP78, HG79, Hu72, Hwa73, LF74, MF76b, NA72, PM77a, Saw75, Ser75, SHR72].  
**Syntactic** [FP75, FB73b, FF75, JK77, KM78, LF78, TG75, Wal76]. **Syntax** [CR72d, LF72, LF77, Tho75].  
**Syntax-Directed** [CR72d, Tho75].  
**Synthesis** [AAK74, Bar70, BF72, BBP75, BH73, Bre75, CM74, CMS79, CCB70, CK77, CD73, Col77, CYNM79, Dav70a, Edw75, EH78, Fra72, FG76, GGMM71, Ges70, GG75, GL74, Hu72, IM71, Ish77b, Jum70, KH77a, Kje72, Kol72, LV75, Liu75, Liu77a, Liu77b, Lyo70, Mam77, MS77a, Nak79, Pai73, Pap78, Pap72, SAPR70, SA70, SR72b, SR71, SN71, Sur70a, Sur78, Tho74, UB74, Win70a, Yen79, Yoe70b, Yue76].  
**Synthesizing** [KO78]. **System**



[AA72a, Ake76, AKT75, Anz71, Arn73, AKM<sup>+</sup>71, Avi71, Bar74b, Bas71b, BCA<sup>+</sup>75, Bha77, BR76b, BdB70, CM76, Cas73, CR78, CDS73, CHSS73, CK79, CW77, CF70a, Cor77, Den76, Dep70, Dos77, DLL<sup>+</sup>73, Eps73a, EFLR76, Fer77, FSLC78, FK78b, FT79, GSB<sup>+</sup>76, GSJ<sup>+</sup>76, GR72b, Gou77, HW76, HP73, HH77, Joh71, KK79a, KF79, Kim70, Kim79, Kin72, KKK73, KKK74, Koc71, Kor76, KF73, Kuc70, LNL72, LTE77, LE77, LE79, LL79, LH79, Low73, Mak71, Mal72, MMB78, Min75, MF76c, O'K73, Pat76, Per78, PB71, RC71a, RCG72, RC72, RSH79, Rau79a, RF78, REFN76, Rei76, RH74, RK75a, RK75b, SNN70, SG74, Sch78c, She70d, Smi79e, Sri76, Sta70b, SA75, Swa79a, TM70, Toi76, TW77, TK74, TJM79, Von75, WN70, WKD70, WG75]. **System** [YT77, You76, Cam72, Flo72]. **System/360** [Joh71, Cam72]. **System/370** [Flo72]. **Systematic** [Cur70, Den74, Rao72]. **Systems** [Ano72-39, Avi76, Bae76, BB72, Ban74b, Bar75a, BM73, BM74, BGM76, BM78, Bas73, BS74, Bea78, Ber70a, BS75, Bha75b, Boo70, BF75b, BE70b, BW77, Bre71a, Bre73b, BP72, CF78a, Cha74c, CM70, CK75, CS79, CLL78, Coy79, DW78, De 79, Dee72, DF70, Dot70, Eks74, Eks73, FD74a, FS74, Fre74b, FB74, FM71, Fri73, FB73b, Fu74, FK78a, FK78c, Gay78, Gel73a, Gor75, GH72, HA74, Hay76a, Hei79, Hil79, Jos74, JA78, KG72, KO73, KF79, Ker73, Kim74, Kle70, Koh75, KP71, KS79, Kuo74, Kur74, Lan77, LT73, LJ79, Lud74, MH76, MH78, MF76a, MM78a, Mat71c, McL72, MK79, Mil74a, Mor76a, Nay71, NN73, O'K75, Par71, Paz71, Pea75, Pu72, RH75a, Rav72, Red78a, Reg73, SAPR70, Saw77, SM71b, SD79, SM73b, Sie74, Sri79]. **Systems** [Sri71a, Sri71b, Stu75, Su70, SSR72, Tab74, TM71, TI72b, Tis71, TW76, UB74, VM78, Var79, Vic74, VLS70, Wai70, Wak75c, YL73, Zoh76b]. **Systems-Switching** [Tis71].

**T** [GB71b]. **T-Partitionable** [GB71b]. **T.** [Wor79]. **Table** [Cur77, Das71b, DK72, Dia76, MS77b, SD74]. **Table-Lookup** [MS77b]. **Tables** [AM79c, Cur71a, DW72a, HS70, VVA78]. **Tac** [JW76]. **Tagged** [Feu73]. **Tan** [Cur73a]. **Tan-Like** [Cur73a]. **Tandem** [But78b]. **Tangent** [Pre78b]. **TANT** [LD72a, Fra72, Koh71, Lee78b, Vin78]. **Tape** [Arn70, Har70b, Kam70a, PB76b]. **Tapered** [Mor71]. **Task** [GR72b, WN76]. **Task-Free** [WN76]. **Tasks** [Koh75, RPL73, RFL76, RL78, RSH79, RV73]. **Tausworthe** [NM76a]. **Teacher** [MS76]. **Teaching** [WBRG76]. **Technical** [Ano71-52]. **Technique** [Agr78a, AC70, Bor72, Bre71d, DV78a, GL70, GH72, GP74, Hun72, IR76, JR76, Jol76, KS77a, Koc75, Koh71, KF72b, KF72c, Lan78, LD72a, Maj72c, MJTW75, MBM77, PF72, PH73, Red71b, RNMP77, RB72, SH77, Sic76, Skl78, Sto74a, Sur75, TM76, Toh74, TB74, WNR74]. **Techniques** [Aar70, CDJ73, CHSS73, Cha74c, CM70, DM78b, FM72a, Gil74a, HKD<sup>+</sup>71, Kim74, Kri70b, LT70, Lil72, LM78, Mil77, Moh71, MG71b, New75b, PR72, PR76, Pra72, PD77, RPL73, RC70, SF71, Sau72b, STG71, Sie77, Sto70d, SNEL79, Tou72a, Wai70, Weh74, YK76]. **Technological** [Rem72]. **Technology** [Ano77b, Ano77c, Fre74a, FLBK76, HHJ<sup>+</sup>76, Jos72b]. **Telecommunications** [Cox72]. **Teleprocessing** [CR72b, IA76, TWB78]. **Television** [DWT70]. **Template** [Oza78, VR77]. **Temporary** [Sri71b]. **Ten** [Sit74]. **Tensor** [WS76]. **Terminal** [Arm73, Har70a, HI72, KR78b, PRD71, SAFV71, Wei72]. **Terminals** [Hob73, Pat73, TWB78]. **Termination** [Hor72]. **Ternary** [AA72b, Bar77, BM77a, BY79, CS70, EI77, FL75, Gra73, HK77, HK78, MJ77, MJ78, SAPR70, SA70, SA74]. **Tesselated** [MF76d]. **Tessellation** [SC74, Wag70]. **Test**



[AM79a, AM79b, AA72a, AA75, Ake73, Ake76, Bar70, Bet71, Bre71d, Bre74, BH74b, CSJ74, CDO78, Dan73, DDSM76, HF74, HH77, Hla78, How75, Hus74, Mar71, MST<sup>+</sup>75, Mut76, OH79, Pap77a, Pra78d, Red73a, RS75, SR75, SLC75, SV74, TV79, Wan75a, Wei72, WA73, Wul74, YT71c]. **Test-Input** [DDSM76, Mar71, MST<sup>+</sup>75]. **Test-Pattern** [SLC75]. **Testability** [DR74, RSL76, WA73]. **Testable** [Coy79, Fri73, FNSK75, Kod74, Red72b, RW74, SR74a, SR74b, Sun76]. **Tested** [RH75b]. **Testing** [AA76, Agr78b, BK76, Bre73c, CDJ71, GBMC72, GCC74, Hay76c, Kau74b, KH77b, KH77c, LD74, Los78, NTA78, Nai79, PR71, RC72, RS74, Red77b, RS78, Rub75a, SB77a, SB79, Sch79a, Si78, Smi79b, SC74, Sur74, TV76, Yue77e, AGM<sup>+</sup>71]. **Tests** [BC71b, Bre72b, FD77b, Hay71b, Hay78a, KS71, MSJ72, Red77a, Rob70b, Toi76, Wan75b]. **Text** [AKM<sup>+</sup>71, AN74]. **Textural** [Tho77]. **Texture** [DM78b, MMB77, RJ72, Ros75, SH72, Tan78, ZRD75]. **Texture-Based** [DM78b]. **Textured** [Ehr77, Nev76, Sha78b]. **th** [AM79c]. **Their** [Ale71, AP76a, BR76a, BF72, Duk74, Fen74, Fly72b, Har70a, Hay74, HC73, Hwa72, Jos72a, KN70, KMC72, LJ79, Meo75, SK79a, Tha78, The75, Wak74, Wan75c, YT70, FD75, GL74, KT72]. **Theorem** [Ern76, Fis76, MOW76, Mor76b, Pra71a, Rei76, TL73a, Vil73a, Yue75d]. **Theorem-Proving** [MOW76]. **Theorems** [FK78c]. **Theoretic** [KNF76, Law70, Nus78]. **Theoretical** [Che71a, CW75, Mil73, Sha78a, Tou72c, Zah71]. **Theories** [de 70]. **Theory** [AGM<sup>+</sup>71, BGM76, BS74, Bei70, Bei71, BA71, Cha74c, CM79d, Fu74, Gar78, Hou72, KS78a, Kar74, Kel74, Lei74, Lew74, LS76b, Moo76, Pra78c, Rei74b, RS71a, Roo73, SP72b, Sto70a, TD73, Tha78, UB74, YK76, Yoe70a]. **There** [CS70]. **Thermoplastic** [BL75]. **Thought** [Mic74]. **Three** [AA72b, Ano72-39, Ast78, BM77a, BCSM72, Bre72b, CCB70, CC73, Gec77, Koc71, Mor76a, O'K75, Par71, RH75b, Sar71, SF77, UM77, Wei75]. **Three-Dimensional** [Ano72-39, CC73, Par71, Sar71, UM77, Wei75]. **Three-Face** [SF77]. **Three-Failure-Tolerant** [Koc71]. **Three-Level** [CCB70, RH75b]. **Three-Stage** [Ast78]. **Three-Valued** [Bre72b, Mor76a]. **Threshold** [AA72b, Ama72, Bar70, BW76a, Bre71b, CC72, CM79b, DS72a, Edw75, FD73, GW77, GBMC72, GC73, Ham73, Hen71, HC73, Ish77a, Ken77b, KT72, Lyo70, Mor70a, MTB70, OS76, OY70, SA70, She70b, SR72b, Sli70, Tak76, Wea75, WNR74, Win70a, Win70b, Yue76]. **Threshold-Element** [Tak76]. **Threshold-Logic** [Lyo70]. **Throughput** [BCHL73, Sch79b]. **Tic** [JW76]. **Tic-Tac-Toe** [JW76]. **Time** [AK72, Arn70, AO79, BCKT79, CK75, CK77, Dep70, Der73, DF70, Dot70, Dow73, FB73a, FS74, Gay78, Gel73a, GSJ<sup>+</sup>76, Goo70, Goy76, HO79, Har70b, HA70, Hun72, Kle70, Koc75, KR78a, Lev70, Mar78, NT78, Nec79, Nie70b, PRD71, Pea75, Pol71, Saw77, Sch79b, Sil77, Spi71, WKD70]. **Time-Component** [AO79]. **Time-Invariant** [Pea75]. **Time-Shared** [Kle70]. **Times** [Pec76, Spi73]. **Timing** [Nie70b]. **Toe** [JW76]. **Toeplitz** [Eks74]. **Toggle** [AM79c]. **Toggle-Registers** [AM79c]. **Tolerance** [BO70, Ogu74]. **Tolerant** [AGM<sup>+</sup>71, Avi76, BCJ<sup>+</sup>71, Car73, CM76, FM72a, GM76, GCP<sup>+</sup>77, Hay76a, Hec73, Hop71, HS75, Ios75, Kim75, Koc71, LR72, MS74, Mat71c, Mey71, MR76, OW73b, PR73, PR74b, Pra74, Pra78b, Ram71, Red78b, RC70, SM75a, Sch74a, SG71, Smi75, Sti78b, TA71]. **Tombs** [Oza78]. **Tone** [JR76]. **Tool** [BW77]. **TOPI** [GGMM71]. **Topoglyphs** [Gol78]. **Topological** [Maz71, SV75, TG72b, UB74]. **Total** [DS71]. **Totally** [AM73, AR77, Bis70,



Bis73, Bor72, Dav78, Usa75, YT71b]. **Tours** [DS73]. **Trace** [Ram77a]. **Traced** [DT70, TD70]. **Traces** [BBP75]. **Tracey** [HB70]. **Tracing** [Weg72]. **Track** [PB76b]. **Tracking** [SP72a, SSR72]. **Tradeoff** [Rus72]. **Training** [DS72a, LK75].

**Transactions** [Ano70a, Ano70-29, Ano70-30, Ano70-31, Ano70-32, Ano70-33, Ano70-37, Ano70-34, Ano70-35, Ano70-36, Ano71a, Ano71z, Ano71-27, Ano71-28, Ano71-29, Ano71-30, Ano71-31, Ano71-32, Ano71-33, Ano71-34, Ano71-35, Ano71-36, Ano72a, Ano72-59, Ano72-60, Ano72-61, Ano72-62, Ano72-63, Ano72-64, Ano73a, Ano73m, Ano73n, Ano74a, Ano75a, Ano76b, Ano77a, Ano78h, Ano78i, Ano78j, Ano78b, Ano78-37, Ano78-38, Ano78-39, Ano78-40, Ano78-41, Ano79k, Ano79l, Ano79a, Ano79e, Ano78h, Ano78i, Ano78j, Ano79k, Ano79l].

**Transcoder** [DG72]. **Transfer** [ASS72, Bar75a, BEGW72, BT70b, HP75, Low73, Sto70c]. **Transferable** [Roc70]. **Transference** [Ull72]. **Transfers** [Max77, Mcd72]. **Transfom** [ANR74].

**Transform** [ARS71b, Cap76, Car71a, CS73, CF79, Des74, Des79, DV78b, Edw75, FA76, GC77, Hen70, Jai77a, Kun75, Lec70a, Lec70b, LD72b, RNR75, RT79, Ree70, Rej72, RRNA74, Sha75, Sha78b, Ulm70, Yip76, Yue75a, Yue76, Yue77e, Ber72, Cai71, Cor71a, Cor71b, CSY75, CL72, Dru71a, Gla70, GW70, Har76, LH75, MS73b, PB76a, SR77, TM78a, WK71].

**Transformation** [AK72, CL79, Cor77, KF72a, Kri70b, Kri71b, LH76, ND73, Pap76, TM78b, Tur70, VW72, Weh74, YT71b, Zoh73b, Zoh74].

**Transformations** [Ami77, BD71, DN77, NSR74, PC72, Rat76, Sta70a, WGS78].

**Transforms** [Bro77, CH72a, CH73b, Dun75, FHTS78, Kun79, Nus78, Pre71b, Rad72, Rad73, RTKH77, Sar78, VR79, Yue72, Goo71, GW75, Hun71, Kar77b]. **Transient** [Wak75c]. **Transistor** [HHJ<sup>+</sup>76].

**Transition** [BH73, Hay76c, Hay78a, KR78a, NT78, Red77b, Reu72, SR73, Sho74].

**Transition-Sensitive** [BH73].

**Transition-Time** [KR78a]. **Transitive** [Tsi70]. **Translation** [BB72, IC78, Lew74, Tho75]. **Translators** [BCH<sup>+</sup>73, CDJ73]. **Transmission** [And70, Hor71b, Hor72, Mah74, MMO74, SW70a, SW70b]. **Transparent** [Sun79].

**Transportation** [Mah74]. **Transposing** [All75a, Ari79, DS74, Ekl72, Ram75, Sch73, Van77]. **Transposition** [TE76].

**Trapezoidal** [Max77]. **Traversing** [Klu77].

**Treatment** [FA76, Hol72b, PM75b, VR79].

**Tree** [AM79a, AA76, Arb70, BS76, Ber70a, Ber71, CK74, CR72b, Cha70, CE75, FB73b, Gri76, IA76, Ish77b, KH77a, Klu77, KB75, LF78, MH75, MF76c, Pat72, SK77c, Ung77c].

**Tree-Searching** [Gri76]. **Tree-Type** [CE75, KH77a]. **Trees** [BF78, CMS79, Cha74d, Cur79, EF76, GST79, KLCC77, Li77, LS76b, LP76, LP78, MM73b, PM77b, TG78, WC74].

**Trends** [Hol76, JM74, New76]. **Triangular** [Fre79a].

**Triangulation** [LSB77]. **Tridiagonal** [SK77a, SK77b]. **Trigger** [HN73]. **Triple** [AS74, Wak75c]. **Truncation** [Zoh76b].

**Trunk** [AKT<sup>+</sup>77]. **Trunk-Division** [AKT<sup>+</sup>77]. **Truth** [Dia76, Har70a, Pin71].

**Truth-Table** [Dia76]. **Tumors** [BS76].

**Tuple** [Rat76]. **Turing** [Har70b, Lyn72].

**Tutorial** [Ano78v, Ano78w, Ano78x, Ano79m, Ano79n, Ano79o, Ano79p, Ano79q, Hen76a].

**Twelve** [Car71a, WK71]. **Twiddling** [Yue73a]. **Two** [AO79, Bar70, Bar71, BW73, Bla74, BR74, CC72, CC73, CW79c, DM78b, EZS78, ET75, FO71c, GG75, Goo71, Gra71, HND75, Han75, Har70a, HO79, Hwa79, Ios78, Jai77c, JM71, Kri71a, Kro74, LSB77, Mar73b, MG75, MK79, MS78, Moh71, Moo71, Nak79, NA74, OY70, PCM70, Pav75b, PR74b, RR74, Roe78, SR74a, SK78b, SM72a, SM71b,



Sil77, Sta74, Tak76, Tom74, VR77, Vic71, Vil73a, Wri73, Yan75a, YRT75, NA76b].

**Two-Class** [BR74, PCM70].

**Two-Dimensional**

[DM78b, FO71c, HND75, Jai77c, MS78, NA74, Roe78, SR74a, SM72a, Vil73a, NA76b].

**Two-Input** [SK78b]. **Two-Layer** [Tak76].

**Two-Level** [CC72, EZS78, ET75, Ios78, MK79, Nak79, OY70, PR74b, RR74].

**Two-Multiplies-per-Cycle** [HO79, Sil77].

**Two-Point** [Vic71]. **Two-Space**

[LSB77, Wri73]. **Two-Stage** [VR77].

**Two-State** [CW79c]. **Two-Terminal**

[Har70a]. **Two-Way** [Bar71, Kri71a, Moo71].

**Type** [AH76, BCS76, CE75, Cur73b, KH77a, Orc76, PHG77, Pre72, Sik70, SS77]. **Types**

[KF78, LHSM74, Tak76]. **Typicality** [WL75].

**ULM** [Voi77b]. **Ultimate** [Brz70].

**Ultrareliable** [Mat71c]. **Ultrasonic**

[GW75]. **Urate** [BPC75, Bau72, Bet71, DSBC74, Mat71b, SK79b, Skl70, TD77].

**Unateness** [Bar70, Fis74, Pra78a].

**Uncertainty** [Key77]. **Understanding**

[Dav77b, EFLR76, REFN76, Wal76].

**Undetectability** [Smi79d]. **Unformatted** [AKM<sup>+</sup>71]. **Unger** [Pra71a].

**Unidirectional** [Wak75b]. **Unified**

[CM77, DAA79, DB73, FA76, Gel73b, KS77c, LD75, UB74, VR79]. **Uniform**

[CF78b, Dav74, GR71a, Hal74, Hou72,

Jum70, Obe72, Wil75]. **Unifying** [Reu75].

**Unimodal** [GL70]. **Uniprocessor**

[RFL76, RL78]. **Uniqueness** [Nie70a]. **Unit** [Bat70, BT76, Dev79, Jol76, Kau70c, KS77c, Mor70a, SS71, Sri78, Wea75].

**Unit-Distance** [Dev79, Kau70c]. **Unitary**

[WGS78]. **Units**

[Atk70, GHJ77, Meo75, RS75, RS78, YC76].

**Universal** [Ake73, Ale71, Alm78, AT70, BB73, But78b, Cha70, CE75, FG71c, GT74, Hua71, Ios75, KH77a, Kan75, Kel74, Kli71, LV75, NT78, NT79, NA72, NK75, OW72,

Pat73, Pra78d, Pre71a, Pre72, Smi79e, SB74b, Sur78, TG78, Voi77a, Voi77b, YT70].

**Universality** [SK79a]. **University** [AG73].

**Unrestricted** [MS75a, Ung71].

**Unscramble** [Swa74a]. **Unscrambling**

[PB76a]. **Unspecified** [Dav70a]. **Unstable**

[Vic71]. **Unsupervised** [LD75, MS75b].

**Update** [GS79]. **Upper**

[Fre79b, Tou71, Vil70, Yue72]. **Use**

[Agr78b, Atk70, Aus70, Ban74c, BEGW72, Ber77, BK71b, Cle73, DT70, EF79, EH76,

FB74, Ges71, Hla70, Hun71, Jos72b, Kar70, Mal73, PS71, Sch79a, Sha78a, Tha78, Tri77b, Tri78, TB75, Wak74, RT73a]. **Used**

[Bec71, Len78, O'K73]. **User**

[Har71, Tho74]. **Uses** [AP76a, Jos72a].

**Using** [ADMR78, Alm78, ACJ75, Ano79b, BC71a, BPC75, Bar77, Bar70, BT72, BCL75,

BH73, Bre75, BB75, Cha72, CD73, CD78, Cur70, Cur71b, DDSM76, DM78b, Dep70,

Des74, Elm76, FM72a, Gar72a, GY77, Gel76, Gri73, Gri78a, HLD70, HA77, Hun72,

HTD72, Iba71, IC78, JP73, JB76a, Jul78, KF79, KM78, KC71, Kit78, Kon71, KF72a,

Kri77, LT70, Lan76, Lin70, Mam77, MS73b, Mar71, Mat71b, Meo75, MST<sup>+</sup>75, MBSS75,

MS78, Mor75, NT70, Oja79, PA78, PM75a, Pra78b, RM71, RGK72, RT70, RE71, RH74,

Sau72b, SH77, SM72a, Ser73, SV74, SY75, SR71, SP72a, Tho76, Tjo77, TOS71, Toh74,

TJM79, TB74, Tun70b, VD76b, VV74, VVA78, Wak75b, Wil78, WS76, Yen79,

You70, BF75a, Rao72]. **Utilities** [BH76].

**Utilization** [Cha70, DB74, FGR71, SN79].

**Utilizing** [Das71b, FK74, SNN70].

**V** [Tab70b, CDO78]. **Valley** [KF72c].

**Valley-Seeking** [KF72c]. **Value**

[Kar70, PR78, Vic71, WK73]. **Valued**

[Bre72b, CM79b, DVS74, DV78a, GLR71, ISN76, KH77a, KT72, Mor76a, Mut76, SV74,

Sin72, Tou72d, TG79, VLS70, Vra77].

**Values** [Wan75b]. **Variable**

[Byr71, CYNM79, Ehr76, Sti78b, Sto74a,



- Tom74, Wai70]. **Variable-Mode** [Byr71]. **Variables** [AA72b, Ano75-28, BCSM72, Bor72, Dah73, MTB70, Mur70, Pav75b, Vin78, Wri73]. **Variables-Weighted** [Dah73]. **Variational** [RH71]. **Variations** [Hoe76]. **Various** [Bre73b, IS76, MM73a, Sie79]. **Varistructured** [Lip77]. **Vector** [Ath75, Eks74, FV79, Hig76, Kit77, Lee76]. **Vectorcardiograms** [KCLB71]. **Vectors** [BP72, FS75, Glu71, Kit78, SO79b, Swa74a]. **Vehicles** [Hop71]. **Velocity** [Dav72b, SF72]. **Verification** [BT72, Dia76, DW73a, EH76, HP75, Rot77, ST76]. **Versatile** [MH70b, TP72, YT77]. **Version** [WN76]. **Versus** [Ham71, LR71a, LR72, Pea76]. **Vertex** [Hwa72]. **Vertices** [Hwa72, SF77]. **Very** [BHK79, Des79, RV73]. **via** [GW75, Rad72, Rad73, RA78, WA73]. **Video** [GSJ<sup>+</sup>76, KF73, MCRD72]. **Viewed** [BG75]. **Viewpoint** [Car73, FR71]. **Views** [MA77, UC75]. **Visible** [Mah72]. **Vision** [Per78, YT77]. **Visual** [RT71, UC75]. **VLSI** [PW79b]. **Vol** [Ano70a, Ano71a, Ano72a, Ano73a, Ano74a, Ano75a, Ano76b, Ano77a, Ano78b, Ano79a]. **Voltage** [TS75]. **Volume** [Cha74c, Lew74]. **Voted** [Sie75]. **Voting** [HP73].
- W** [Tab70b]. **Walsh** [Car71b, Hen70, KS72, Lec70a, Van73b, Yue76, AK72, Bro77, But72, But78a, CS73, Dav72a, Edw75, FA76, FB74, GC77, Kun79, LM71b, Red71b, RRNA74, Ric74b, TG72a, Yue72, Yue74b, Yue75a, Yue75e, Yue75d, Yue77e]. **Washington** [Ano74b, Ano74c, Ano74d, Ano74e, Ano74f]. **Waveform** [PF72, Pav73]. **Waveforms** [CL71, Dav71, EF76, Tjo77]. **Way** [Bar71, Du72, Har76, Kri71a, Moo71]. **Week** [Ano79m, Ano79n, Ano79o, Ano79p, Ano79q]. **Weight** [Hwa72, TL73b, WL74]. **Weight-Preserved** [WL74]. **Weighted** [AA77, Bro75c, Dah73, SLC75, VV74]. **Weighting** [Bub72, NRS74]. **Weights** [Mal73]. **which** [JB76b]. **Whirl** [Paz71]. **White** [Jai77a, Mor74, Sok72, Yue74b]. **Wide** [GSJ<sup>+</sup>76]. **Wide-Band** [GSJ<sup>+</sup>76]. **Width** [BK79, JB76b]. **Wiener** [FB74, Hab77, Pra72, PD77]. **Window** [Cha73b]. **Winograd** [Wak70b]. **Wire** [Abe72, AKT<sup>+</sup>77]. **Wire-Routing** [AKT<sup>+</sup>77]. **Wiring** [Kau74b]. **with-Binary** [EI77]. **Within** [WGS78]. **Without** [BKM73, CF78b, Hla70, MS76, RK75b]. **Word** [Bak79, CBS71, Far79, RE71, Sch78c]. **Word-Level** [Far79]. **Words** [JB76b, KM78, OTK76, Pol71, Rom78]. **Work** [ES77, Hel72, Hel74, Mas78, Wel74]. **Working** [GF78, Smi76]. **Worst** [Bri73, Rub75b, Yue74a]. **Writable** [LM78].
- X** [Wei75]. **X-Ray** [Wei75].
- Years** [Ano75b, Weg76]. **Yield** [HB75a].
- Zadeh** [Tab70b]. **Zero** [Geo70, NS75]. **Zero-Crossing** [NS75]. **Zero-One** [Geo70]. **Zoom** [Yip76].

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Hill:1977:SSS

Hight:1973:CDD

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