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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: https://www.math.utah.edu/~beebe/

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#10015 [Day80a].

(s, t) [Has81]. (s, t) [EMM89]. 0 [Llo81]. 1 [BP89, Llo81, Vid89]. 2 [BP89, BWD84, CL88b, Shi89]. 2.5 [Sle80]. $2n + k$ [Ber86a]. 2×2 [Cha86]. 3 [CM89]. 3NF [JF82]. $4n$ [Tie84]. 5 [Sze82]. 5×5 [Mak86a]. * [McG83]. A [vR88]. B [CS83a, DLF87, GS86, Leu84, MS81, Oli80, PK88, Ans87]. mod$k$ [Van87b]. C [Güt83]. d [Eas81, EZ82, HY82, MS86, Sil81, Lea88]. $\delta + 1$ [GP87a]. Δ_2^p [Sch83a, Bal86]. $Dspace(\log n) \neq Nspace(\log n)$ [KL87]. GF(p^m) [IT89]. K [Zak82, BYV82, DJ89, Eas81, EZ82, Er83c, GL89, HY82, HS85, MS86, PP89, Pet80b, Rei88, Sil81, Szw87, WS80b, YG87, Lea88]. k [WU88]. κ [IM88]. L [Bui77, Bui79, Day80a, Sal89, CH88b]. L_1 [AN84, GS83]. λ [Mis88]. LL(k) [Nij82b]. $\log(N)$ [Ryt86a]. $\log \log n$ [FMNT87, Sze87, Sze88, Sze89a]. $\log n$ [Dym88, Sze87]. LR(k) [AG81, Nij82b, Ukk85]. $l \times l$ [Kir88]. m [BY87, ER83b]. N [Rei87a, Roh83, Tam83, Ber86a, Bha80, FR89, Her89, IMR80, Ray87, Urb80, Wel85]. $n - 1$ [Tau89]. $n^{1.618}$ [Vit85a]. $n^{O(\log n)}$ [KPS88]. NC^0 [Hås87]. NC^1 [IJR88, MC89b]. NC^2 [ZG89]. NL [CH88b]. NP − P [Har83]. NPRIORITY(1) [IT88]. $n \times n$ [SV86]. $O(1)$ [Che86, Tar83b, Wil84]. $O(k^2 \log n)$ [Pet80b]. $O(k^3 \log n)$ [Pet80b]. $O(\log n)$ [GIR88, PR86, Urb80, WT87, WS80b, SV86]. $O(N)$ [TS86, Zem84, DS88]. $O(n \log^2 n)$

[HS89]. $O(n^{0.695})$ [EW86]. $O(n^{1.5})$ [HRY87]. $O(n^{1/2})$ [Deh86a]. $O(n^2)$ [AB87b, Wel85]. $O(n^3)$ [Dub88]. $O(n \log n)$ [Lip84, Röh82, KS87a, Nos85, Her89]. $O(n \log n + m \log \log n)$ [SH89]. $O(n \log n \log \log n)$ [KC87]. $O(n \times 3^{d^2})$ [Cla86]. ω [DK84, Fre83b, LT86, Sao84, Yoc89]. $\Omega(\log l)$ [Kir88]. $\Omega(n)$ [Lev87]. $\Omega(n \log n)$ [BR89, Avi80, van80b]. P [HS81, MB85, BI85, CL80, GGPS89, Mio84, Mor88d]. PSPACE [Bab87a]. $\mathbf{R}^d$ [Kal84]. S [Day80b, LBM88]. T [Hat86, vR88]. $\Theta(N)$ [Wil83a]. $\Theta(N^2 \log N)$ [SR81]. $\times$ [GP88]. V [HS81, MB85]. ε [Vit80]. $x + y$ [MA85]. Z [Jos88].

-adic [Mio84, Mor88d]. **-ary** [BY87, vR88, Zak82]. **-automata** [Sao84]. **-Calculus** [Mis88]. **-chain** [Shi89]. **-closure** [Szw87]. **-CNF** [CL88b]. **-colorable** [YG87]. **-Coloring** [GP87a]. **-complete** [GGPS89]. **-Connected** [IM88]. **-cube** [Bha80]. **-Fold** [HS85]. **-Free** [ER83b]. **-gon** [DJ89]. **-grammars** [NS86]. **-Group** [BI85]. **-immunity** [Bal86]. **-infinity** [Sal89]. **-Languages** [LT86, Fre83b]. **-layer** [CM89]. **-Line** [Wel85]. **-lower** [Tie84]. **-matchings** [Ans87]. **-moves** [Vit80]. **-Order** [vR88]. **-Oriented** [Güt83]. **-path-free** [BYV82]. **-paths** [EMM89]. **-pebble-automaton** [Sze82]. **-polynomial** [Hat86]. **-process** [FR89]. **-processor** [BWD84]. **-Rational** [DK84]. **-rule** [Yoc89]. **-sided** [Ber86a]. **-sorters** [PP89]. **-stability** [Day80b]. **-stable** [Bui77, Bui79, Day80a]. **-tree** [CS83a, DLF87]. **-trees** [GS86, Leu84, MS81, Oli80, Tam83]. **-unification** [LBM88]. **-writer** [Vid89].

03020a [Bal87]. **0L** [Kob83].

10 [Avi80, Hel81, Llo80a, Mei81, vW80a]. **11** [Mor81]. **12** [Bin82, Bv82, Kri82]. **13** [NI80]. **14** [Kuč83, Tar86, YWL85]. **15** [GPB83, Žák84]. **16** [SY93]. **17** [Wyr84]. **18** [Bes84a, Sar80]. **1981/82** [Žák84].

21 [PG87]. **22** [AG88b, LMW88, TTv86]. **23** [AG88b, MT87b]. **24** [TV87]. **25** [Bal87, CIR88, VT90]. **26** [Sak88]. **27** [Flo91]. **29** [TM89, Ver89a, Ver89b].

32 [Dun90, Gro91]. **35** [Pet91].

56 [Day80a].

6 [Day80a]. **68034a** [AG88b, TTv86]. **68110a** [Sar80].

7 [Fou79, Ov80].

8 [AJV86, APT82]. **80** [Dai86]. **80b** [APT82, Fou79, Ov80]. **80e** [NI80]. **80f** [Sar80]. **81a** [CM80b, Llo80a, vW80a]. **81k** [Mor81]. **82d** [Bv82]. **82i** [Bin82]. **82j** [Kri82]. **83g** [Kuč83, YWL85]. **83h** [Žák84]. **84m** [SY93]. **85a** [Wyr84]. **85h** [Bes84a]. **87b** [PG87]. **87j** [AG88b, TTv86]. **'88** [Bli88]. **88e** [CIR88]. **88i** [Bal87]. **89d** [Flo91]. **89m** [Ver89a].

9 [And80b, CM80b]. **90b** [Ver89b]. **90k** [Gro91].

A. [Ov80]. **Abelian** [BI85, Ili85]. **Absence** [Udd86]. **absolute** [Wil83d]. **abstract** [GS88b]. **abstraction** [CDL87, KS87a]. **accelerating** [NA89]. **acceptable** [Sze88]. **Acceptors** [NA81, Nak81, NI80]. **Access** [MST84, ZBS83, CSO89, Deb80, Kuč82, Kuč83, Lee89, Mye83, San88, SY88, TJP87]. **Accesses** [PM84, CMT88]. **accessibility** [Cou81]. **Accessing** [Gun82, Win81]. **Accuracy** [Les83]. **Achievable** [Vit80]. **achieving** [GY87]. **Achromatic** [Bod89]. **Active** [Tho85]. **activity** [DLF87]. **Acyclic**

[EG89, Pit87, GT89, Ita88]. **acyclicity** [dM88]. **Ada** [WS80a]. **Adaptive** [CH84, PM88, LP89b, WW89a]. **addendum** [Kuč83]. **adder** [Joh80]. **Addition** [Son85, Vol85, Cha88, Gra80, Mar85a, Mar85b]. **Addition/Subtraction** [Vol85]. **Additive** [Pan86a, CP82, Pan81a]. **Address** [KR85, NI83, RSD81, BDS82]. **adic** [Mio84, Mor88d]. **Adjacency** [RSR80]. **Adjacent** [Atk85]. **Adjunct** [YJ83]. **Adjusting** [Pag85, Wog89]. **advances** [FL87]. **adversary** [AK81]. **adversary-based** [AK81]. **Agreement** [TC84]. **ahead** [FV89b]. **AKS** [BP85b]. **algebra** [Hou87, Ida83, VB86, Sza88]. **Algebraic** [Mio84, Sei88, SV86, BM82, Dem82, FY80, Lau80, Pan81a, Ram87, RH88, SR88a]. **Algol** [Ten87b]. **Algol-like** [Ten87b]. **Algorithm** [AD86, AB87b, Bar81, BH87, DP83, DFv83, DD81, FM87, GS87, Ham86, HS86, IS86, JM86, KNI86, KC87, Las86, LR86, MF84, Mak86a, Mar86b, MA80, MNS84, NP85, Ryt86a, Sat86, Sch82b, Slu87, SV86, Tak86, van80a, AK89, Akl84, AGS89, Akm87, And79, And80b, Ans87, Apo87, AC88, ARG86, AG88b, APT79, APT82, Ata83, AC89, AS88, Awe85, BES81, BH89, BDD+82, Bin82, BP87, Bir85, Blu86, BM89a, BM89b, Bui80, CL80, Car86, CDS89, CS83a, Cha83b, CCL89a, CK89, CLW80b, Cid88, Cla83, Coh83, CY85, Col88, CL88b, Cro81, CR89, DM89, DS88, Der80, Dub88, Dye80, DF84, EM84, Ebe81, EMM89, EY86, Flo91, FZ82, Gab81, GT88, GM88, GT89, Gol89, Gol80, Gos89, Gra72, GZW85, HS88a, HZ87, HS89, HL87a]. **algorithm** [HRY87, Hua81, II86, ISHY88, IT89, Iwa89, Jaz80, KK89a, KNT87, KST82, Klu84, KS87b, LMT87, Lev82, LP83, Lip84, LD80, Llo89, Loi80, LP82, Mak81, MU84, MM85, MG89, MR84, Meh88, Mét83, Min88, Mis89, Mit88, OIM84, Ola89, OT89, Ov80, ÖA88, Pap85, PR86, PS80, PS81a, Pet80b, RGG89, Ram89b, RM85, RR89a, Ray89a, Ray87, Roh83, Rub87, SSA89, SS89, SM92, SS84a, SV88, Sha88a, Sha82a, Sha89, SIM89, SH89, Shi89, Sho89a, SY88, Sla82, Sle80, SPL+89, Sri87, Ste89, Sys82, Szp86, TTv86, Tar82b, Tar83a, TV87, TM89, TL83, TV81, Tsa81, Urb80, VT90, Ver87, Ver88b, Ver89b, WW89a, WT87, Wat81, WS82, Whi81, WW85, Wil84, WS80b, Yap83, ZG89, Zem84, Zer89, Zhe83, ZC87]. **Algorithms** [Cha86, CK88a, CH84, Dv82, Fre84, GT83, GLPG82, GK86b, GS84a, Hig86, HV87, IMR81, Ili85, IMM81, KR85, LS86a, Mor85, NM82, NI83, Pan86a, Van87a, AR80b, AB87c, Bar84, Ber82, Ber88b, CYL88, Deh86a, FS88a, Fra86, Fre80, Fri87, GP86, HL88, IM81, JM88, Kal84, Ko82, Man82, Mar86a, Muk89, Mur83, RR89b, Ray89b, RTV89, Roh88, RS89, SR88b, Ver88a, Ver89a, VV87]. **alignment** [Lee89, WW85]. **Allocation** [LR84, MF84, Slu87, App87, CP82, Cha85, NM87, RTV89, Rob80, Slu85]. **Almost** [TS86, Car87b, Wri87]. **Alpha** [BH87, McG83]. **Alpha-Beta** [BH87, McG83]. **Alphabet** [Car84, Car83]. **alphabets** [CC87]. **Alternating** [Hro85a, LL88, CIRB87, CIR88, Fre81, ITT82, Sze89b]. **Alternative** [Bar81, VU86, AGvG89, Ans87, Szp88]. **Always** [Pet91, Sni86, Dil87b, Kan83, VT90]. **Always-true** [Pet91, VT90]. **Ambiguous** [Tar82a, AFG87]. **among** [Fei89]. **amortized** [GST89]. **Analyses** [GPB82, GPB83]. **Analysis** [AR80a, Ili85, MA80, Mis88, Ram89a, Tam83, Yao80, Bab87b, Blu86, CDS89, FV89a, Fre80, Gun89, Jaz80, Ram89b, RG89a, SS84a, Szp86, Szp88, Tar82c, Tar86]. **analytical** [Bar84]. **AND/OR** [PPK88]. **Andrei** [Kot89]. **Anf** [Fre83b]. **angle** [Har89]. **angular** [RD87]. **annealing** [FS88a]. **Anomalies** [LS86a, Vos88]. **APL** [EPS82, TB84]. **Appear** [Kat84].

Application [Hug86, Ryt86a, AN86, Del83, Hou87, LLH89, Mai82, RH87, VB86, Vos88, Wat80]. **Applications** [BM81, Mil83, Sup85, Cul89, Szp88]. **Applicative** [Bro83, Mei85, Mye83]. **approach** [Ans87, BSM+88, BG89, BCC83, CMT88, Mio84, RR88b, Rei87b, SS81, Vog89, WM89, Yoo85]. **Approximate** [GS86, Leu84, SSS86, DM89, SS83]. **approximated** [Sch81a]. **Approximating** [EK89, Les83, PM84, Pob86]. **Approximation** [IMM81, MSR85, BH89, Flo91, GP86, Meh88, Mih89, RG88, TV81]. **approximations** [Wu89]. **April** [Avi80, LMW88]. **Arbitrary** [Sha83, DS88, Hua88b, SY88]. **arc** [AH87, RR89b, SH89]. **Architecture** [LR80, BT87, DK88, GS81, ZM87]. **arcs** [Yap83]. **Area** [CL86b, ĎSVT85, Lot84, PV80, Bre80, DJ89, FG89, SR81, SV87, Vř't87]. **Area-Time** [PV80, CL86b, Lot84, Vř't87]. **argument** [FH87]. **Arithmetic** [Cho82, Ros86, SM83, Jaf81]. **Arithmetical** [Sza87]. **Armstrong** [FV83]. **Arora** [TTv86]. **arrangement** [CV89, ten80]. **arrangements** [Mat88, Wee88]. **Array** [CW86, Nak81, Ros86, DK88, Jaf81, NA81, RT85b, Wan80, pW82, Yod84]. **Arrays** [CC83, AN86, Deb80, IJ89, LT88b, PW87]. **arrivals** [Sha82a]. **Articulation** [Lau85]. **artificial** [Ram87]. **ary** [BY87, Zak82, vR88]. **Ascending** [Kal85]. **ascent** [Kru88, Rob89a]. **Asserting** [GS84b]. **Assertional** [Pet91]. **Assignment** [AR80a, AR80b, BMRS88, CCL89a, CL88b, SSA89]. **Associative** [Ore82]. **assumption** [HLY80]. **assure** [FL82]. **Asymptotic** [Dob82, MKK89, Blu86, Szp86, Weg82a]. **Asynchronicity** [Pan86a]. **Asynchronous** [Van81, Bod88a, Maz88, MW87, Tsi89]. **Atomic** [AG88a, Vid88, Vid89]. **attack** [Hel81]. **Attribute** [RB82, Alb89, TW89]. **attributed** [NS86, SIN87]. **attrition** [Sun89]. **August** [Dun90]. **authentication** [IW81, Kaw87]. **authorization** [PP80]. **authors** [CIR88]. **Automata** [BP85a, Cza80b, Miy84, Mon84, Ryt83b, Ryt84, SV84, UMS82, Wät85, Bud87, CR87, Fre81, IT80, Kin80, Mic81, Mos82, NI80, Rob89b, Rys83, Ryt81b, Ryt81c, Ryt82a, Ryt83a, Ryt89, Sao84, Var89a]. **automated** [VD87]. **automatic** [AK86, Gin82]. **Automating** [Koc87]. **Automaton** [LY86, Sto82, Eme87, Sze82]. **Auxiliary** [McC89, Mor88a]. **Average** [CDS89, GPB82, GPB83, Lav89, MPY87, Ram89b, Reg81, Ver88a, Ver89a, BY87, Bop89, Buc89, Lin86]. **Average-case** [CDS89, Ram89b, Bop89]. **AVL** [Che86]. **Avoidance** [FM87, Klu84]. **avoided** [Kes80]. **avoiding** [Gol87]. **Axiomatization** [Sza87].

B [AG88b, Bv82]. **back** [Wal83]. **backout** [Kre87]. **Backtrack** [Wil84, Mit88]. **backtracking** [BW80, Bru81, MTK89, Wol89]. **backup** [HK81a]. **backward** [PPK88]. **Bad** [WS88, Lin86]. **Balanced** [KK83, Ric83, Sil81, Tar83b, Sem81]. **Balancing** [Sni86, VV87]. **Band** [CRL85]. **bandwidth** [SM87, WW89b]. **Banker** [MF84]. **barriers** [Lin89]. **Base** [SM80, CM80a, Spy82]. **Based** [Bro83, NP85, Tak88, Tra84, AK81, BP83, CK89, Gei84, HS88a, IW81, Lei80, Mal87, MTK89, Mat89c, Muk89, NA89, OT89, RBP82a, SM92, TM89, YYS83]. **Bases** [AD83, Sik81, Won89]. **basic** [McL85]. **Basis** [BI85]. **Batch** [Wil80a]. **Batched** [Man86, LP89a]. **batching** [Wil80a]. **Be** [Hof83, LY86, App87, BCW80, Sch81a]. **before** [Bar83]. **Behavior** [Her83, Wei83, WFL83, Dob82, Dwe88, Pan86b, SN89]. **Bell** [McL85]. **Ben** [Sei88]. **Ben-Or** [Sei88]. **Bendix** [Mét83, Toy89]. **Benign** [Lam88]. **Berman** [CIR88]. **Best** [Weg82a, RG89b].

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C.F.L. [Sen81]. **cache** [Lop89, Vog89]. **Calculation** [KR85, NI83, AS86a]. **calculator** [Jos88]. **Calculus** [Mis88, Stå89]. **can** [App87, BCW80, Sch81a, Sze82]. **Cancellation** [BS86a, BO85]. **Cannot** [LY86]. **canonical** [Sch88]. **capacitor** [PM88]. **Capacity** [DRT81]. **cardinality** [Kan80]. **Carlo** [Ber82]. **Carter** [Sar80]. **Case** [JM86, KK85, Wil83a, Apo86, Bop89, CDS89, CS83a, KS87b, Lin86, Ov81a, PG87, Ram89b, Röh82, RG89b, Sun89, WI88]. **cases** [WS88]. **category** [MC88, MC89a, WS82]. **Catenative** [ER83a]. **Cause** [Cza88, Cza89, HS88b]. **Cause-effect** [Cza88, Cza89, HS88b]. **CCC** [LP89a]. **cells** [SSW87]. **Cellular** [Sto82, UMS82, Kob87]. **Center** [HS86]. **Centering** [CFHP89]. **Centers** [Car84]. **centralized** [RBP82a]. **centres** [Mur83]. **Certain** [SS84b, APT79, APT82]. **certifier** [RBP82a]. **CFL** [Ber86b, Gra87, Mai85]. **chain** [GS84b, LP82, Shi89]. **Chains** [Sup85, Vol85, BB87, BR89, Rot89, Yeh85]. **Chandy** [Ngu85]. **change** [EM84]. **changes** [BO86]. **Character** [Par84]. **characteristic** [Pan88]. **Characterization** [Bea89, Cza80a,

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matrix*vector [ZM87]. **Mauceri** [Kri82]. **Maurer** [Žák84]. **max** [NI89]. **max-flow** [NI89]. **maxima** [Buc89]. **Maximal** [FP82, IS86, RSR80, AM87, Avi80, Deh86a, Dev80, HL88, II86, Iwa89, JYP88, JM88, Mar86a, Miy88, van80b]. **Maximal-Cut** [FP82]. **Maximum** [Has81, KC87, Sav80, AH87, DJ89, HS89, IM81, JS87, Sch86a, SH89, Shi89, SV82, WW85, YG87]. **May** [VT90, EG89]. **maze** [Sze82]. **mean** [BF87a, BF87b, Win82]. **measure** [Sky83]. **measures** [BY87, CW82, Lis81, Oza83, Van89b]. **mechanism** [PP80, YYS83]. **mechanisms** [SR88a]. **median** [CY85]. **Mehlhorn** [Flo91, Ryt86a]. **membership** [LD88]. **memories** [CLW80b]. **Memory** [RSD81, Vit81, BJ80, BDS82, CLW80a, Kfo85, Kuč82, Kuč83]. **Merge** [NP85, van80a, Erk80]. **Merging** [DD81, EY86, HR89, BES81, Car86, MU84, Zhe83]. **mergings** [AC87]. **Mesh** [HS85, Deh86a, DS88, GS89, Sav88]. **Mesh-Connected** [HS85, Deh86a, GS89]. **mesh-of-processors** [DS88]. **Message** [RDM88, BS87, Ber87a, KT88, LMT87]. **message-efficient** [LMT87]. **messages** [Har81a, Lav89]. **MetaSoft** [Bli88]. **Method** [Der85, AG81, Bui77, Bui79, CP82, Day80a, Far82, Gol87, NM87, NA89, Pet80b, Wil80a, Wit88, YH87]. **Methods** [JB84, Day80b, Gun89, Ove81, Ov81a]. **metric** [GS83, MC88, MC89a]. **Microcomputer** [DRT81]. **Microprogramming** [LR80]. **Microprograms** [LR84, RM85]. **Mikhailovich** [Zem82]. **MIMD** [MRS84, McK85]. **min** [NI89]. **min-cut** [NI89]. **Minimal** [CC88b, CH86, LS82a, LR86, NM82, RSR80, Akm87, DM89, Dub88, EM84, GP88, LP82, PY81b]. **minimax** [RW87]. **Minimization** [Jan89, LL84, WFL83, BM89b]. **minimize** [Ber80, BWD84]. **Minimizing** [BF87a, BF87b, FS84, BC87]. **Minimum** [CW84, CLW80a, DD81, IMM81, MP88, Tsi88, AC89, BP83, Dil87b, DF84, GT88, GI89, HL88, JK85, JM88, PR86, Sch81b, Sho86, Tar82c, Tar86, Ver88b, Ver89b, ZLS87]. **Minimum-cost** [MP88]. **Minimum-Weight** [IMM81, BP83]. **miracles** [Mor88b]. **mismatches** [GL89]. **Misra** [Ngu85]. **missing** [Sik81]. **Mixed** [Zan80]. **modal** [Auf88, Far82]. **Model** [Bis84, WFL83, ACK89, CM80a, Che82, Fal89, GP88, KPK89, NA89, PPK88, Ram87, RBP82b, San89a, SN89, TST83]. **Modeling** [DLF87]. **Models** [Jaj85, May83, Lot84]. **Modern** [And80a]. **modification** [Cla83, KK89b, Van89b]. **modified** [SSA89, Wil81a]. **modular** [BSM+88, Dai86]. **Module** [AR80a, CCL89a, SSA89]. **Modulo** [BP85c, Cha85]. **moments** [Dob82, Pan86b]. **monitor** [KK89b]. **monoid** [BL87]. **Monoids** [Dub85, Bea89, CD86]. **monotone** [Dun90, Gol80, Koc89, LN88, Tie84, Weg82a, Weg83]. **monotonicity** [HY82, PS81b]. **Montague** [CK86a]. **Monte** [Ber82]. **Morphic** [KW84]. **morphism** [Ber86b, Car83]. **morphisms** [Pan81b, WS82]. **Morris** [Bar81, AJV86]. **Morse** [dV88, Pan81b]. **motion** [Pap85, Sha89]. **movement** [TV81]. **moves** [Vit80, Wal82]. **moving** [SY84a, Wal82]. **MR** [AG88b, APT82, Bal87, Bes84a, Bin82, Bv82, CIR88, CM80b, Flo91, Fou79, Gro91, Kri82, Kuč83, Llo80a, Mor81, NI80, Ov80, PG87, Sar80, SY93, TTv86, Ver89a, Ver89b, Wyr84, YWL85, Žák84, vW80a, Day80a]. **MST** [Ola89]. **Much** [Sch83b]. **Multi** [GS81, Alb89, Fle89, KO88, LD88, CL81]. **multi-dimensional** [KO88]. **multi-parent** [LD88]. **multi-pass** [Alb89]. **Multi-problem-solving** [GS81]. **multi-processor** [Fle89]. **MULTI-RESET** [CL81]. **multicache** [Lop89]. **multicommodity** [NI89]. **Multicounter**

[Hro85a]. **Multidimensional** [Har82, Ore82]. **multidisk** [CC88a]. **Multihead** [Ryt84, SV84, CR87, Ryt81c]. **Multilevel** [Lei82]. **multiparty** [Fra89]. **Multiple** [Hoc87, LM81, Tho85, CGPD89, CGPdS89, CC87, DF88, Hel81, LM80b, Mei81, Ray89a, Zem84]. **Multiplication** [JT85, San80, Sch82b, AS88, Coh83, IM81, Lot84, Mak81, Mor81, Pet80b, Rom80, RH88, Vys84, ZM87]. **Multiplications** [Mak86a]. **Multiply** [Cha86]. **Multiplying** [Mak86a, PV80]. **Multiprocessor** [BB83, Bud87, BS87, KS87b, ÖA88]. **Multiprogramming** [Bro83]. **multipushdown** [Chr84]. **multireader** [Vid89]. **multisection** [BES82]. **Multiserialization** [FR84]. **Multiset** [JL82, Mar87]. **multistage** [BFJM87, Var89b]. **multitape** [Fre81, Kin80]. **Multivalued** [Kat84, TC84, GT84, Vid89, Weg82a, Zan80]. **multivariate** [Val80]. **mutable** [GS88b]. **mutational** [Kra80]. **Mutual** [Hoo86, KP84, Mag85, Mar86b, AJV86, DT80, FP87, MB85, Mor79, Pet81, Ray87, SM92]. **Myths** [Pet81].

N [Bin82, Sar80, TTv86]. **Natural** [JB84, Bal87, Dob85, Wil87]. **NC** [Ede87, LK89]. **Nearest** [EZ82, MS86, Eas81, GS83, PS88]. **Nearly** [Kor81, Gil88, Kor82]. **negation** [Sky83]. **negative** [Cou84, Yap83]. **Neighbor** [EZ82, Cha83b, Eas81]. **Neighbors** [MS86, AK89, GS83]. **neighbourhood** [KNT87]. **nested** [AGvG89, DM89, Gil88]. **Nesting** [Jęd87]. **net** [Sch86b]. **Nets** [Mag84, Mag85, Yam81, Mag87, Pet80a]. **Network** [IM88, Jaj85, Les83, LMW86, LMW88, Van85b, BP85b, Bir85, CM89, GMZ89, GT89, Gol87, Kři86b, LPP88, SR81, Tie84]. **Networks** [Bro87, PV80, BFJM87, CK88b, Eic83, Gos89, GS84b, Has81, JK85, MW87, NI89, PP89, Var89b, YH87]. **Newton** [NA89]. **next** [Ram89b]. **NLOG** [Sho89b]. **NLOG-complete** [Sho89b]. **NLogSpace** [LS82b]. **no** [And80b, AG88b, APT82, Bal87, Bes84a, Bin82, Bv82, CIR88, CM80b, Day80a, Flo91, Fou79, GGPS89, GPB83, Gro91, Kri82, Kuč83, Llo80a, Mor81, NI80, Ov80, PG87, Sar80, SY93, Sze87, TTv86, Ver89a, Ver89b, Wyr84, YWL85, Žák84, vW80a]. **node** [Gos89, GP86, Iwa89, IRV88, KR84, Sch89]. **node-disjoint** [Iwa89]. **node-rewriting** [KR84]. **nodes** [CP81, Yap83]. **Noisy** [GT83]. **Non** [Avi84, Kat84, ZBS83, CP82, Dil87a, YD86]. **non-additive** [CP82]. **Non-Conflict-Free** [Kat84]. **non-Hamiltonian** [Dil87a]. **non-Horn** [YD86]. **Non-Partitionable** [Avi84]. **Non-Uniform** [ZBS83]. **nonatomic** [AG88a]. **Noncommutative** [Mak86a]. **Nonconstructive** [FL87]. **nondegenerate** [Dil87a]. **Nondeterministic** [Hol86, Coo88, MC80, Ryt81b, Ryt82a, Ryt89, Sis89, Upf82]. **Nonisomorphic** [Hat86]. **nonlinearly** [BU89]. **nonoptimality** [Lev87]. **nonpolygonal** [Lau87]. **nonpreemptible** [Klu84]. **nonprimitive** [Cal87]. **nonredundant** [Got87a]. **nonrigidity** [GK86a]. **nonsequential** [Eic83]. **Nonserial** [FB88]. **nontraditional** [BG89]. **nonuniform** [SSW87]. **normal** [ABC87, Bis89, KM80, YWL82, YWL85]. **Normalized** [KO88]. **north** [GS83]. **north-east** [GS83]. **notation** [Ber87b]. **Note** [AS86c, CK86b, FS86, GS87, KR84, LS86a, Mäk86b, Pit87, Ros86, SSS86, Yao80, Baa88, BD82, Blu83, BT89, Bv82, Bui80, Bur89, CCS89, Cha85, Chr84, CH88c, CL86a, Coh83, CW82, Dev80, Dev85, Dob85, DJ89, Ebe80, Eis89, Fie87, Flo91, Hol84, IMR80, IT80, ITT82, JK85, Jan85, Kem87, Kir80, Kob87, KV81, Kre87, Lei80, LM80a, LP89b, Lic84, LP83, Lou80, Mäk85a, MT87a,

Mei81, Mor81, Mot82, Mou80, Nar89, Nij82a, OP85, Pan86b, Pan81c, Pet80a, Rob89a, RG89b, Rot89, Ryt82a, Ryt89, Sar80, SM92, Sha89, Slu85, Stå89, SY93, Sto86, Szw87, Ten87a, Var84, Var89a, Vys83, Vys84, Wri87, Yeh85, Yod84, Van87b]. **Notes** [dI89a, Sze89a]. **Novel** [Hug86]. **November** [Sak88]. **NP** [Ber81, Bod89, BHZ87, Dam89, FS88b, FPT81, Ko82, Kři86b, Rob80, SY84a, SV82, Tou84, Weg85]. **NP-complete** [Ber81, Bod89, Dam89, FPT81]. **NP-completeness** [Kři86b, SV82]. **NP-hard** [Ko82, Rob80, Weg85]. **NP-hardness** [SY84a]. **NTS** [Boo81a, Fro81]. **Null** [AM84, Kel86]. **Number** [Ber84a, Hro85a, SS85b, AC87, Bac82, Ber88a, Bod89, Buc89, Car87b, CP81, Che82, CLW80a, GP88, Kem87, Lav89, Pep87, RR89a, Sla82, Tou84, Zer89]. **Number-Theoretic** [SS85b, Tou84]. **numbering** [GM88]. **Numbers** [Er83c, Mül87, CH89, GJ82, GL80, GP87b, Kuč89, Mio84, Pet80b, Ray89b, Tsi89, WS80b]. **numerical** [Ber82, Bin82, Tsa81].

O [Dwe88, SM87]. **Obituary** [Zem82]. **object** [Bis89, Fei89, van89a]. **object-oriented** [van89a]. **objects** [EM81, Kel89, Rei88, SN89]. **Oblivious** [Kol83, Vit85b]. **observation** [Mal87]. **observations** [CIRB87, CIR88, Ko82]. **Obstacle** [Lau87]. **obstacles** [Fei89, Roh86]. **Obtaining** [Ram87]. **Occam** [BEHW87]. **Occurring** [LM81]. **October** [MT87b, TM89]. **Odd** [Der85, Ebe80]. **Odd/Even** [Der85]. **Off** [Pan86a, Slu87, Die89]. **Off-Line** [Slu87, Die89]. **Office** [EM85]. **On-Line** [Tak86, IK83, Mat89a, Mel87, ITT82, Lia80, NI80, RW87]. **on-the-fly** [RM83, Van87a]. **Once** [Tru80]. **One** [Hås87, LS86a, LY86, Mon84, Nak81, Ryt84, UMS82, Vit85b, Wal84, Aur86, CR87, Die89, Fre80, IW81, Jan85, Kem89, Li88a, Ryt81c, Sav88, Tie84, Var89a, Vit85a, Wat88]. **one-** [Fre80]. **one-dimensional** [Aur86, Li88a]. **One-Head** [Mon84, Vit85b]. **one-output** [Tie84]. **One-Pebble** [Nak81]. **one-rule** [Jan85]. **one-tape** [Die89]. **One-To-One** [LS86a, Kem89]. **One-Way** [LY86, Ryt84, UMS82, Hås87, CR87, IW81, Ryt81c, Sav88, Var89a, Wat88]. **Ones** [Sch83b]. **only** [NO88]. **opaque** [Akm87, Dub88]. **open** [Rao88]. **Operating** [MF84, Fre83b]. **operation** [Ida83, San89a]. **Operations** [Clo83, Ber87b, HM81, MB85]. **Operator** [Jęd88, HL87a, Wil81b]. **operator-precedence** [HL87a]. **operators** [EPS82, GP88]. **opposition** [OR89]. **Optimal** [Alb89, CC88a, Eas81, Eic83, FPT81, GH87, HR89, HK81a, Hig86, IJ89, IRV88, Kor81, Kut88, Lei82, Leu82, MO81, PV80, RR89b, Sch89, Sil81, VRL87, Ver88b, Ver89b, Vit85b, Weg85, Akl84, AGS89, AC89, BDS82, Car87b, Cha83a, Cro81, CLW83, Gil88, GJ82, KST82, Kir80, Kor82, LMT87, Lic86, Mak81, Ov81a, Ryt89, SS89, SN88, Sha89, Sle80, Tsi85, Vog89, WW85, WW87, Wu89, ten80]. **Optimality** [Mag83, AT81, BP85b, GS84b]. **optimally** [Col88]. **Optimization** [FH87, DI89b, NU88, SS81]. **optimizations** [Fra83]. **optimizing** [Fal89]. **Optimum** [CN88, Shi83, Wit88]. **oracles** [Bab87a, HH88]. **Order** [CR88, Er83c, Sza87, vR88, Bur89, FH87, GT86, GMZ89, Gil88, IMR80, Pet80b, Ram87, Sem81, Sho89b, WS80b]. **Order-** [Er83c, Pet80b, WS80b]. **Ordered** [CC88b, KR85, NI83, Shi83, CS83a, Gro91, Kem89, Mäk89]. **ordering** [BGLY81, Fra83]. **Orderings** [JL82, Mar87]. **orders** [Fus83]. **ordinals** [Deh86b]. **organization** [KV81]. **Organizations** [PM84, CMT88]. **organizing** [CSO89]. **Orientation** [Ata84, Vis85, Tsi85]. **Oriented** [Güt83, dI89a, van89a]. **orthogonal** [EM81]. **outer** [Dev85]. **outerplanar** [EMM89].

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[AB87b, MSR85, TS86, Cas83]. **subsets** [EM84]. **substitution** [Boo88, Mor88c]. **substrings** [Boo80]. **Subsumption** [Got87b]. **subtext** [BD80]. **Subtraction** [Vol85]. **Subtree** [LK89, Gro91, Mäk89]. **Subtrees** [Hik83, Lyo88]. **Subword** [ER83b, ER83a, BU89, ER81]. **succinct** [Mic81]. **sufficiency** [Nij82a]. **Sufficient** [Kol83, Wil83c, MC89a]. **Sum** [TS86, Bac82, Rus87, Szp88, Toy87]. **Sums** [Er83c]. **Super** [Cal87, AS86b]. **Super-exponentials** [Cal87]. **superconcentrator** [BKV+81]. **superimposed** [Won89]. **Superincreasing** [Wil83b]. **surrogate** [Won89]. **sweep** [HNS88]. **sweeping** [Mic81]. **switch** [Weg85]. **switched** [PM88]. **switching** [PS80, PS81a]. **symbolic** [BT87]. **symbols** [dV88]. **Symmetric** [BSZ89, BES82, BW87, GGPS89, GP87b, Oli80]. **symmetrical** [Kob87]. **Symmetries** [Hig86]. **symmetrizability** [CM80b]. **symmetrizing** [Col79, CM80b]. **synchronization** [FR89, Gos89, WU88]. **Synchronizing** [Dwe88]. **Synchronous** [Van81, Tur89]. **synopsis** [Con83]. **syntactical** [DI89b]. **Syntax** [JB84, EPS82]. **syntax-free** [EPS82]. **Synthesis** [GS84a, BSM+88, Gin82, Mak81]. **System** [Cza80b, DK84, MF84, Orł88, Sar80, CP82, CC89, GS81, Jan85, Kaw80, Lei80, Toy89]. **systematic** [Wil81b]. **Systems** [AR80a, BB83, Bud85, CRL85, CL86c, DRT81, Llo80b, Mag84, Mag85, RAK85, Sha83, Tha85, Tir83, Žák84, ABM84, AK86, AC88, AR80b, BSM+88, Bar80, Ber82, Ber87a, Boo81a, BL87, CM80a, Cha88, EY87, Fle89, Gei84, Gra80, HRY87, Kob83, KW82, Llo80a, Llo81, Lop89, Mag87, Mét83, Muk89, NO88, Ngu85, Och87, Pan88, Pla85, RBP82b, RH88, Rus87, Ryt82b, SSA89, SM87, Toy87, WU88, Yoc89, vW80a, Van88]. **Systolic** [CC83, Mül87, CK88b, LT88b, RT85b, SM87, ZM87]. **Szymanski** [Apo86]. **T** [Day80a]. **T0L** [SSA87]. **table** [OP85]. **table-driven** [OP85]. **Tables** [BDQ82, JV86, Pag85, AG81, Wog89]. **tactile** [Ber86a]. **Tagless** [Ham86, Lyo88]. **tail** [Kie86]. **Take** [Bis84]. **Take-Grant** [Bis84]. **tale** [LNS82]. **Tampering** [Kak85]. **Tan** [AG88b]. **Tape** [Vit85b, Die89, EL81, Vit85a]. **tardiness** [HS89]. **Tarjan** [Ban80]. **task** [Llo81]. **Tasks** [Fre83a, LM81, BWD84, CC89, DL88, Kub87, LM80a, SY93]. **Tausworthe** [Fus83]. **technique** [Jak82, KO88, Mir87, Rem84]. **techniques** [CLM89]. **Tel** [AG88b]. **Temporal** [Sza87, ZLS87]. **term** [Pla85, Rus87, Toy87, Toy89]. **term-rewriting** [Rus87]. **termal** [Sab80]. **terminals** [WW85]. **terminating** [Bar80]. **Termination** [DS80, DFv83, Hua89, Top84, ARG86, AG88b, BO86, HS88a, HZ87, Hua88a, KT88, Mat89b, Ran83, Rus87, TTv86, TV87, TM89, Toy87]. **terms** [Oza83, Pan81a]. **ternary** [PW87]. **Terrain** [Far80]. **terrains** [Sha88b]. **tessellation** [NI80]. **Test** [dPV88, AG84, CLW83, Mat89b, UY88, Wey84, Wil81b]. **Testing** [CH88a, HLY80, LD88, Mäk83, PS81b, WB86, APT79, APT82, Bha80, BKV+81, Kor87a, LD80, ZG89]. **th** [Urb80]. **Their** [Cza80b, Mil83, Tra84, Wät85, Cza89, Pob86, ten80]. **theorem** [AB87a, BD82, BI88, Li88a, McL85, Mor89, Spy82, Tom81, YWL82, YWL85, RH87]. **Theorems** [BT82, ABC87, LNS82, Paj80]. **Theoretic** [Cza80a, Kel86, SS85b, Tou84]. **Theory** [Žák84, Cas83, Ham87, Heh81, Kie86, Rys83]. **There** [GGPS89, Sze87, FS88b]. **thesis** [Blu83]. **threaded** [Gor86]. **Three** [Dv82, EM85, Car83, Cha88, dV88, FMNT87, GH87, IT80, Pap85, YWL82, YWL85]. **three-dimensional** [Cha88, GH87]. **three-restricted** [YWL82, YWL85]. **three-sided** [FMNT87]. **three-way** [IT80]. **threshold** [Dun90, Koc89, LLH89].

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UMS82, AN86, And79, And80b, Apo86, AAI87, Bac82, Bar84, Byk78, CDS89, Cou81, DS79, ER80, Fou79, Fra83, Fre80, Gru84, IT80, Jan89, Kem89, Kub87, Lic86, LT88b, NI80, Ov80, Paj80, Ryt81b, Ryt82a, Ryt83a, SSA89, Sch81b, Sle80, TST83, Var89a, Vit85a, pW82, WK88, Yap83]. **two-dimensional** [AN86, Fre80, IT80, LT88b, NI80, pW82]. **Two-Head** [LY86]. **Two-Headed** [Hof83]. **two-level** [Gru84, TST83]. **two-processor** [Jan89, Kub87, SSA89]. **Two-Way** [Miy84, Mon84, Ryt83b, SV84, UMS82, Mic81, Ryt81b, Ryt82a, Ryt83a, Var89a]. **Type** [Gun82, Lei86, Baa88, Szp86]. **types** [GS88b, Lau80, Lis81]. **typing** [Mar83].

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