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Title word cross-reference

$(s,t)$ [ATSWZ00], $1$ [HV95], $1/2N^3$ [Yen72], $2$
[AF67, Cha10, GR79, HMZ13, HdlT01, Lar76], $3$
[Bul06, Cha10, CNP85, SS13, Shi10], $4/3$ [CG93], $5$ [Wat61], $6$ [Wat61], $8$
$C$ [Sla72a] $\cap$ [AR05]. $E$ [GNRS92]. $\ell_1$ [BC05]. $\epsilon$ [AKN+08]. $f(z)$ [RS63].
f$(z) = 0$ [War57]. $g$ [HI92]. $H$ [DFHT05]. $J$ [CT81]. $K$
[OOO99, AMR11, BMBM15, BG00, BP03a, CK95a, CcLT00, CGH+05,
Gu78, HSTV14, JV01, KP95, MLS76, ORSS12, PPSZ05, YR78, KIM81].
$\Lambda$ [Gri68]. In $n$ [Fei98]. $\log^+ n$ [CGH+05]. $\log^c n$ [BR91]. $m$ [AM78b, DG62].
$M' = \vee_{i=1}^n M^i$ [Sim67, Sim65]. $m \times n$ [NJ57]. $n$
[CK95a, Mey84, MO68, Mou65a, Mow67, Was81, And66, BJL+82, HP59,
Kac79, Mey88, WW73, Yen72]. $n + 1$ [Mou65a]. $n/2F/T$ [KS75]. $N^3$
[Yen72]. $NC$ [BR91]. $O(1)$ [MMR15, FKS84]. $O(c^2)$ [Van85]. $O(g)$ [HI92].
\(O(\log(n)^{1/3})\) [ATSWZ00]. \(O(\log n)\) [Bra87]. \(O(\text{sort}(n))\) [BM11]. \(O(n)\) [FG05, CFM10, Upf92]. \(O(n^2(m + n \log n) \log n)\) [GT88a]. \(O(n^2)\) [MMR15, PSSZ13, DI05, KS11]. \(O(n^3)\) [GHL+87]. \(O(n \log n)\) [ANIK84]. \(n^k\) [FG05, CFM10, Upf92].\(O(n^2(m + n \log n) \log n)\) [GT88a]. \(O(n^2)\) [MMR15, PSSZ13, DI05, KS11]. \(O(n^3)\) [GHL+87]. \(O(n^3 \log n)\) [GHL+87].

\[\log n + 3\] [ATSWZ00]. \(\log n\) [Bra87]. \(\text{sort}(n)\) [BM11]. \(n\) [FG05, CFM10, Upf92]. \(n^2\) [MMR15, PSSZ13, DI05, KS11]. \(n^3\) [GHL+87].

\[\log n\] [Bra87]. \(\omega\) [BG12, CH84]. \(\Omega(n)\) [AIK84]. \(\omega\) [She57b]. \(P\) [All89, SG76]. \(P = 2\) [CM64].

\[\log^2 u + \log^2 v + (K/y) \log^2 y = 0\] [Ehr59]. \(Q\) [GLH57]. \(R\) [Sla76]. \(R^3\) [DG98]. \(s\) [AKS15]. \(T\) [NOT06, AKS15]. \(t < n/3\) [MMR15]. \(T_0\) [Das77]. \(W\) [Lee61]. \(X + Y\) [JK78]. \(X_t = X_{t-3p} \oplus X_{t-3q}\) [Fus90]. \(Z\) [Dix73, Wan93].


0/1 [Sah75]. 0S [ER80a].

1 [Rid76]. 1103 [Bau56]. 1955 [Hou56c].

2.0 [tCL09]. 2006 [VV09]. 2007 [LV09]. 2314 [ADW68].

3-query [Yek08].

407 [Boy57].

50th [Hal03].

60 [Bot62, BG70, RR64]. 650 [Gor56, HK54].

701 [BO56, GKR55]. 702 [BBR54].

= [Sha92, She92].

A* [Dav90, DP85, SW91]. Abacus [Li59]. Abbreviating [BF61]. Abduction [CDOY11, EG95]. abductive [EM07]. ability [NS06a]. Absolute [CK65]. Abstract [Ehr82, LR72, McL84, Mil73, Nou83, Ove66,
BT07, CCM12, GRS00, NOT06, GB92, Hue80]. **Abstraction**
[HHHN14, Imi91, vW96, BN01, CGJ+03, DW99, GS07, SP07]. **Academy**
[Leb56]. **ACC** [Wil14]. **Accelerated** [HST76, ST72]. **Accelerating** [Fox70].
**Accessing** [BK71]. **Account** [Oet57]. **Accounting** [Tre54]. **Accumulation**
[KL70]. **Accuracy** [KS75, Ral59]. **accurate** [XB06]. **Achieve** [Ste67].
**achieving** [DMR08]. **Ackermann** [Cha00b]. **acknowledgment** [DGS01].
**ACM** [Ano79, Gra77, Hou56c, Alt03, Ano68, BGP90, Sal70]. **Action** [LS95].
**Actions** [Set82]. **Activity** [SD62]. **Acyclic**
[BMT89, BFM93, San88, DGP07, GLS01, Ott12]. **Acyclicity** [Fag83].
**Adams** [Ala60]. **Adaptation** [Pea68]. **adapting** [AF03]. **Adaptive**
[CK95b, GN94, Hol62b, LR79, Lyn69, PGL76, Rie75, SV99, KS11]. **Addendum**
[CH88, EV62a]. **Adding** [AM09, WL85]. **Addition** [Win65a, YSS78].
**Additional** [Leu93, BB64]. **Additions** [Yen72]. **Additive**
[BSSLZ14, GSK59]. **Address** [Car57, Elg54, Eli74, Flo60, Hou56c, Hou57, IS56, Lip57, PK87, TTK66].
**Addressable** [Ros72]. **Addressed** [Kau71]. **Addresses** [BAG92].
**Addressing** [AGOW66, Tra63]. **Addressless** [Bli72]. **Adjusting** [ST55].
**admission** [LNT97]. **Advanced** [GM56]. **Advances** [GH75]. **Adversarial**
[BKR+01, BKN14]. **Adversaries** [HT93]. **adversary** [KS11]. **Adverse**
[Mad66]. **advice** [CBFH+97, PM06]. **AdWords** [GML15, MSVV07]. **AFA**
[GG72]. **AFL** [GH70]. **After** [GM56]. **Again** [Szp90, de 83]. **against**
[BKN14]. **Age** [Got03]. **Aggregate** [Klu82, RSG05, CNS07, HLNW01].
**Aggregated** [Ste83]. **Aggregating** [ACN08]. **Aggregation**
[CS85, Kan83, Van78, Van85]. **Aggregation/Disaggregation** [CS85].
**Aging** [Via87]. **Agreement**
[ADLS94, DR85, DLP+86, DR90, CcLT00, KS11, LRR06]. **Agreements**
[PSL80]. **Ahead** [San69]. **AI** [Red03]. **Aid** [KH64]. **Aided** [BT69, GR74].
**Aids** [Pra60]. **Aitken** [GL64]. **Aitken-Hermite** [GL64]. **Algebra**
[BHK90, GTW77], Klu82, NB95, Sal66, SV85, Wil62, Yeh68, YR64, JKJ03, LWP08].
**Algebraic** [ACPS93, BHR84a, BG15, Bra67, GMM81, Hem64, HM85a, IW91,
Ja83, KT78, Lan59, LKK83, LFKN92, LT93, Mar71, Pic67, vdLL86, BR96].
**Algebras**
[BK72, FZ77, GTWW77, Liu69, Mil79, Nip90, Ven87, WM74, BT95].
**ALGOL** [Bot62, BG70, GR62, GR63b, RR64, OR00]. **ALGOL-Like**
[GR63b]. **Algorithm**
[AM85, AKN15, AG82, AWR91, Bab77, BMPT91, BBN12, BBN15,
BRK74, BSS95, BPSB82, BCS82, BDS87, BLS92, Br671, BT71, BT79, CK70,
CE92, CG86, CG70b, CKB65, CF59, Dec07, DFK90, EHR84, F684, FP94,
FW74, Gab67, Gab82, GSS78a, GM79, Ga82, GT88a, GI95, GNP93, GIb69,
GJ80, GL88b, Goo11, GW76, GR79, GL70, HW90, Hi63, HW76, Ho75,
Algorithm [Sti81, Sto70, Sto73, Tar75, TS74, TSOA80, Ull76, VV63, Wag76, Wan74a, Wat73, Wei72, Wil78, WW73, Yan85, Zad72, Zol69, Zol78, dCS77, ATSWZ00, AMN’98, BG00, BK09, CE00, Cha00b, CLL’08, CHL01, CJK’06, DPSV08, HP99, Hoc01, HRM02, IFF01, JSV04, KP96, LZ01, Mye99, OOW99, PPSZ05, PR02, ST04, SW97, Vaz12, Vem10]. Algorithmic [BG70, CG70a, CGS15, EK72, Gil66a, Lat81, Per67, BLP09, CD08]. Algorithms [AMOT90, ABS15, Ata94, ALS94, AF03, ADSS83, BM83, BCW85, Bak94, BBBL95, BJM79, BP03b, Blu71, Blu94, BK78, Bro82, BS72, CH14, CF12, Cla95, Cof68, CH79, CM93, Col87, CDRS93, CD94, DJ81, DM81, Ehr73, Fai85, Fal62, Flo67, Fre79, FT87, Fri73, GGS89, GT91, Gav83, Gil68, GS93, GS85, GL85, GKK88, Hei71, Hel89, HLM92, Hir77, HS86, HS87, HS76, HD73, Iba77, IK75, IK77, IM83, IK74, ICR87, Joh77, Job87, KU76, KR93, KZ93, KN81, KS74, KS75, KSS75, KSS77, Kun76, La 64, LR79, Len89, LL73, MF63, MB83, MG83, Mey88, MP65, MP66a, MW84, Mot94, NS82, OR90, Ove74, PKR84, Pag70, PKT90, Rac82, Rei72, RC86, Sah75, Sah76, Sch80, She67, ST72, SR71, Tar81a, Tv84, Tro84]. Algorithms [TS95, ÜD90, Yao80, vdSS89, AT11, BSZ06, CKL13, DFHT05, DFS14, DHW97, EGIN97, ENRS00, FK99, FGK90, FKV04, GKPS06, GW95, GMS10, GKP07, Hal07, HK99, HdlT01, JV01, JMM’03, JSM03, KLSS05, KT02, LR99, Pel98, SCD02, Sho03, Spe97, ST04, XB06, GG78]. All-pairs [PSSZ13]. Allen [KJJ03, NB95]. Allocating [Ros74, Ros75]. Allocation [BCW85, BN79, BCS92, Bro82, CC76a, CC76b, DL56, GL71, HKMW66, KIM81, PGL76, Rob71, Rob74, TW88, BNBYF+01]. Allow [RT88]. Allowing [BC74, Rem81]. Allows [DV14]. Almost [AM94, AZ08, CKL’07, CF12, ER64a, Gab82, Gal82, GB74, GSV84, Kol04, Wil95b, GS06]. Almost-Linear [Gab82, GS06]. Almost-tight [AZ08]. ALOHA [Tob82]. Alpha [Pit06, Yer66]. Alpha-structural [Pit06]. Alphameric [BO56]. Alphanumeric [Mor68a]. Alternating [AHK02, CH14, CD60, DG62, MT85]. Alternating-time [AHK02]. Alternation [CKS81]. ambients [MN05]. Ambiguities [Ger63]. Ambiguity [Bel60, Can62, GU66a, HU66, Mau69, Ros70a]. Ambiquity [GU66b]. Among [FMI80, HU66, JMMW79, PF79, SY80, You77, CNS07]. amortized [Cha01]. Ampliphaenic [Nag59, Liv60, Nag61]. amplification [CKOR14, Din07]. Amplifiers [HK55, HA56]. Amplifying [AK10]. Analog [BW57a, Edw54, Fis58, HS55, Mos55, SR60, Wad56, ZL58]. Analog-Digital [BW57a]. Analogs [Sha66]. Analogue [Ehr59, Fis56, Jac54, LWS55]. analyses [McA02]. Analysis [ADW68, Abe68, AMR11, AM70, Bak62, BB77, BN71, BBH+87, BKK14, BR15, BS89, Bur76, But78, CDOY11, CW65, Cof68, Cof69a, CG68, CPT94].
CM57, CM67, Dad88, DI87, Doy65, EBA72, FHV91, Flo61a, Flo63, Fra69, Fra55b, FB75, GG78, Gav71, Gil60, Gil65, Gla91, GW76, Gui78, HP72b, Hem64, HC88, Hoc65, Ho64, Hou56a, Je56, KU76, KT69, KR92, KTU94, Kou77, KSS75, Kri64, Lar83, Lat81, Lie59, MY80, Mil73, Moc71, Mor68b, Mot94, NBT72, Neg66, Oli67, OM78, One75, PKT90, Rah70, Ram66, Rao78, RL80, RL81, Ros79a, RT90, Sal73, San88, SAKS64, Smi84, ST73, Sti65, Sur87, Tt84, TT86, Vit83, Vit87, Wal61, Wel66, Wel61, Win65b, WM74, You58, YL77, Zar59, ZS99, AW08, AS13, BG01, CLMW11, CCM12.

**Analysis** [DP01, DGS01, EKL10, FGK09, HMSS01, HHR97, LMW05, Man01, McA02, Pel98, RV07, SSS06, SRM97, SPK13, SSS96, ST04, Cof69b, KSS77].

**Analyst** [Wil71].

**Analytic** [Drm03].

**Analytical** [Har64, YDL93].

**Analyze** [JM77].

**Analyzed** [Kle66, JMM03].

**Analyzer** [CF68, Les58, Wad54].

**Analyzing** [AB05, Gof71].

**Anarchy** [Rou15].

**AND/OR** [SL71, MB85].

**and/or** [Hun84].

**Annealing** [SH88, SVV09].

**Anniversary** [Hal03].

**Announcement** [Ano58a].

**Anomalies** [BK86, BK87].

**Anonymous** [AAHK94, ASW88].

**Answer** [Nag61].

**Answering** [CM87, Co64, Koc69, Win82, AL08].

**Antonymy** [LBB67].

**Any** [BM92, LP, Was80, KSS10, PW93].

**Aperiodic** [BMT92].

**Applicable** [Lie59].

**Application** [AM78b, BH59, BG77, Bre70, CLRS86, Doy65, FM79, Gil93, GSV84, Jon62, Kob74a, Kob74b, Mos58, Sag80, Sch61, Sup83, YR64, Zaf70, JRS09, S06b].

**Applications** [AEK+12, Bau58b, BKST78, BLMS97, CK95a, CW67, CK15, CDRS93, CGS15, Haj83, Har86, Har64, Hib62, HL87, HMR83, HS74, Hue80, JP84, Kob74b, MS85, MO68, OM78, Orm61, PV76, RC69, ST2, Tar79, Val15, Ver95, Yeh68, YW73, ANP+04, AZ05, AAF+97, Bas99, BDG+13, CKL13, FG99, FLMM09, GIS99, GKPS06, GK96, LNT97].

**Applied** [BK77b, BFGL79, Jac54, RTW94].

**Applying** [Meg83].

**Approach** [AV89, BGP84, BL90, Bea72, Bea73a, Bea73b, BLZ14, DST92a, DST92b, ER64b, FKRV15, FM70, FG79, GM81, GT88b, GS93, GPV89, HS86, KR77, KMP+12, KS63, Law64, MY80, Rot70, Sla72a, Tar81b, TG82, WYCF14, AT10, AL05, BNBYF+01, BLR13, BFU01, Dar03, DI04, Drum03, FGK09, FGY00, GE01, KSS96, KMP09, KVW00, RV07].

**Approaches** [BM85, BK72].

**Approaching** [GKK84].

**approximability** [DJKK08].

**Approximate** [AAGT15, Cry70, DLP+06, Ge75, HS76, Hou58a, KMS98, K75, LPSP15, PKT90, Sa75, TZ05, Wig83, AMS05, AMN+98, AMM09, Cha00a, CGH+05, My99, Th04].

**Approximated** [PW93].

**Approximately** [Hab70, LOS02].

**Approximating** [AHPSV97, AHPV04, CDPP14, CR86a, CvH65, DF91, GJ12, LY94, MS11, San96, Sig67, SL15, You56, BNBYF+01, BEP09, CRS01, FGL+96, Fe98, Kho05].

**Approximation** [Abd71, Bak94, BHM11, BC61, BLTY94, Bhu94, BH65, BGRS13, Con57, Cru76, CF59, DDfS14, DP14, Dn74, Fre79, GLH57, GMS10, GKPR07, HM85b, HS86, HS87, IK75, JVO1, KLSS05, KT02, Kob64a, Kob74b, Kur62, Mas56, MU99, Rid76, SG76, Sha70a, She57a, Shi69, Sto64b, Aro98, ALM+98, BB13, Coh00, ENRS00, GKPS06, GW95, GGR98, GHS13, JSV04,
KSS10, LR99, OR02, RS09a, SK96, SS06b. Approximations
[Ber69, CBHH61, CS84, Fra65, KV94b, LK57, Ma60, Ma63, Min57, Spi61, Ste67, dV59, AM07, FKV04]. Arbitrary
[BIW63, DST92a, DST92b, Fra58a, Hoo66b, Nat67, Ay13, BKL99, DLT07].
architecture [Val00]. Architectures [HRS88]. Arcs [Ros73b]. Area
[BB95, BK81, BK82]. Area-Time [BK81, BK82]. Area-Universal [BB95].
Arguments [Ked79]. Arising [Cry71]. Arithmetic
[Al59, ASH64, BSZ65, Bre74, BFGL79, Cha90b, CS83, EV57, Erc60, GL70, Hei71, KL73, Kan65, Mat90, MP76, Pap87, Par55, RR64, RZ65, Raz13, Rei87, SUT70, Sho79, Win75, HJV01]. Arithmetical
[Jef56, CM57]. Arithmetics [Wad60]. Armstrong [BDFS84]. Arrangement
[Riv78, Yan85]. arrangements [ANP+04]. Array
[AK84, DS78, Fis65a, Fra76, Fre82a, Kau71, SJ80, KSB06]. Arrays
[GE84, KA88, Ros74, Ros75, RS77, Wai67]. Arrivals [Adi73, Del70, SB82].
Arrow [Vaz12]. Arthur [HM13]. Article
[Via11b, Via12c, Via13, Via14c, Via15b, Via15a, Via11a, Via12c, Via12a, Via12b, Via13c, Via13e, Via14b]. Articles
[Ano15, Via11d, Via14a, Via14d, Via15c, WK15, Via10b, Via11c, Via13f]. ary
[Gui78]. ASCII [Chu81, Sar83]. Aspects
[FW74, HSS11, Hel61, KP90, KB81, Mit74, Sri65, Sta72]. Assembly [Sch72].
Assertions [Weg77]. Assessment [MH82]. Assign [GMB85]. Assignment
[AP86, BMPT91, Cur63b, D78, Kur62, Liu63, Sch72, TSK66, BP03b, HB02].
Assignments [TWS80]. Associated [DM62, ALS09, MPR98]. Association
[Ano68, Ano74, San65, Sti61, Wil54]. Associative [Pap87, Sal63, Sti81].
Associative-Commutative [Sti81]. Associativity [Sla74]. Asymmetric
[CGH+05, KLSS05]. asymmetry [Voc03]. Asymptotic
[BC61, Har66, KT90, MM84, McK87, MM86, MPT96]. Asymptotically
[Hor78, LT82, TRE73, CKOR14]. Asymptotics [MW84]. Asynchronous
[AACH+14, AFL83, ABND+90, B78, Boj84, BT85, BS89, GGGK13, JT75, Liu63, LM86, MIR15, TS95, UD90, AC08, DFSL14, HS99, MR03]. Atomic
[AAD+93, AACHE15, GPV89, H95, Her90, SAG94, AKMS11, FG10].
Attack [Cum85]. Attenuation [San88]. Attribute
[Di89, EF89, Jaz81, Boy05, NV02, RS99]. attributes [RS99]. Auctions
[GML15, BLP09, GB13b, LOS02, LBNS09]. Augmented [Kau71].
Augmenting [BMPT91, GM80]. authenticated [KOY90, LRR06]. Author
[Ano58b, Ano68, Ano95a, Ano97, Ano98a]. Authoritative [Kle99].
Autoepistemic [Got95b, MT91]. Automata
[Aho69, ADO91, Arb61, Bar65, BAV68, BM70, Bro64, BW57b, BW57c, Bur70, Con91, DH94, Fle62, FH072, Fri62, Gin61b, GGH77a, GGH77b, G70, GB69a, GB69b, GB69c, GB70, Har66, HS68, Har69, HH94, HHU88a, KV94a, Kel61, KB67, KSM66, Lee61, PP65, Pic67, RC69, Rit63, RS94c, SEY15, Tra66, Ukk82, Ull69, Val75, Wee65, Wee67, Win64, Yeh68, Yoe65, Yon66, ANTSV02, BGB12, BB+00, FPS98, KVW00, OG96, TS10]. automata-theoretic
[KVW00]. Automated
[BG01, BY96, GOBS69, MW86, Ove74, Sla74, Win82]. **Automatic**
[BB77, BB63, BB64, Cha66b, CM04, DL56, Doy65, Edm64, Gia64, GKR55, Gri73, Hen56a, HW55, Koc69, Lan59, McA93, Mel56, Mos55, Nev70, Nev74, O'C65, Per54, Sal73, Sch61, Sco58, Sla67, Sla72b, Sni82, Swi57, YL57, Yer66, YS76, YSS78]. **Automatically**
[HC88]. **Automaton**
[Fle65, Oeh63, Wee62, BYG96]. **Automorphisms**
[Bar65, GB69a, GB69b]. **Availability**
[Her90, LM94b, dG89]. **Average**
[AM85, BKST78, CM89, Mot94, Rid76, TS95, JLV00, SSS06]. **Average-Case**
[Mot94, JLV00]. **Averaging**
[CDDP14]. **Avoidance**
[Min82]. **Avoiding**
[CCSS14, Mor97]. **Aware**
[DJW14]. **Axiom**
[Cla79, Sal66]. **Axiomatic**
[Bea72, Bea73a, Bea73b, MH82, AT10, BT00]. **Axiomatics**
[CK79]. **Axiomatization**
[SU82, Sci82, Kif98]. **Axiomatizations**
[CGH83]. **Axiomatizing**
[Men79]. **Axioms**
[Dix73, Wan93, DFPP02]. **AYDAR**
[ZL58].
Bi-Abduction [CDOY11]. Bias [FACP81, ACKM09]. Bibel [SW01]. Bibliographic [Sal63]. Bibliography [Hou56a]. Biconnectivity [KV94b, HdLT01]. bidirected [MMHW97]. Bidirectional [ON68, dCS77, de83]. Bierstone [MC72]. Big [BK77a]. Bijective [AS13]. Bilinear [Ja’80, BL04b]. Bill [Hal00]. Billing [Wis54]. Bills [Sal60]. Bin [LL85, Yao80, CJK+06, Sei02]. Bin-Packing [LL85]. Binary [AM78a, BC74, BK81, BK82, Bur76, Cha66a, Cha69a, Dev86, DH86, FM79, Fit60, GGMM88, Har74, HD64, KR89, KW89, LM94a, Lio71, MS74, MMR15, NW73, PR74, Par55, Pen65, Pro80, RV78, Sla64, ST85, SF80, Spr92, Zer85, Zol78, AD01, Drm03, MR98, Ree03]. Binomial [Wei62, You67]. Binomial-Weighted [You67]. Bipartite [IRT78]. Bird [Cha14]. Bisection [Wil78]. bisimilarity [JS08]. Bisimulation [BBK93, BIM95, vW96, BCG07, DV95, SP07]. Bisimulations [CH89]. Bistable [Pul55]. Bit [DMR08, KS11, Mye99]. bit-vector [Mye99]. Bitmaps [Hob93]. bits [HN04]. Black [Kla85]. blackbox [SS13]. Blank [ER64a]. Block [Cur63a, CV59, Sch72, Wat73]. Blocking [CPT94, DLT94, KR76]. Blocks [CCSS14]. Bodies [DFK91]. Body [CK95a]. Book [Abo60, Ham56b, Ham56c, Ham56d, Ham57a, Ham57b, Ham57c, Ham57d, Ham58a, Ham58b, Ham58c, Ham58d, Ham59a, Ham59b, Ham59c, Ham59d, Ham60]. Boolean [Sim67, AGG62, BP89, Bre70, BDG+13, HP72a, Har63a, Hay76, Hie58, KV94a, KLV94, KB81, Law64, Lee02, MP65, MP66a, Nat67, Sim65, SV85, Svo75, War62, WM74, YCW99]. Boosting [FGMS05]. Both [KW66]. Bottleneck [GG78, HS86]. Bound [And65a, Bry82, Dass75, ES86, Fre81, GW85, Hel89, Iba77, KZ93, Kir81, Kla85, KS74, MST91, Mort3, RS94b, Rub15, Sch88, Smi84, Yao81a, CR12, JLV00, Ste03, SM02]. Boundaries [BN13]. Boundary [ATT1, Ber54, BH65, CM60, CM61, Col58, CD60, Cry70, Cry71, Ehr58, Ehr59, HW67, MP59, Ums66, Was71, Yak76, Zaf69]. Boundary-Value [Was71]. Bounded [AM85, BHM11, Con91, Coo71, DH94, Fre85, HV02, HH94, HU69, Iba78, MS92, SS79, SL15, Sud75, TS74, BFU01, BL04b, DR03, DFHT05, DW99, MLS76]. bounded-genus [DFHT05]. Bounding [CM96, HKP84, ZS99]. Bounds [Abe80, AAHK94, AC81, AHU76, AACH+14, AH92b, ADLS94, BH89, BZ14, BBBL95, Car58, Cau58, CN95, CG67, Cha90a, Cha90b, CHK82, CS84, DR85, DCKT92, FL74, FMP+15, FB72, FG79, GR60, GLV12, GYY80, Gup79, HHHN14, Hib61, HS78a, HS78b, JKT8, Kar67, Ked79, Kis91, Kun76, LT82, LMNM03, LY89, LM94b, Mey85, MP75, NW73, Oma77, PKR84, Pet15, Raz13, Rei80a, Rob74, She14, Smi70, Ste83, SEY15, Tiw87, Tro84, Tsa74, Wil14, WC76, YY76, AS04, AC05, AK10, AAF+01, Asp98, AC08, BBC+01, BSSV03, BLR10, BL04b, CR12, CeLT00, CKL+07, CD08, EFR07, FG10, FLvMV05, FV02, GHS13, GHS09, HKM+02, Kol04, LLW10, LNT97, Lue09, Niv10, Raz04, SS13]. box [ZS99]. Bracketed [San72]. Branch [Hel89, Iba77, KZ93, KS74]. Branching [EH86, Weg88, vW96, DV95, KVW00].


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[Ehr73, MBBM89, Sho84, Wei66, dWF58]. Combinatorial
[AIK84, Bon70, BC73, DEL80, Ehr73, ET76, FMP+15, Gus83, Hib62, Rei79, 
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LOS02, LBNS09]. Combinatorics [BSLRZ14, Gri86]. Combined [Wis54].
Combining [Ked79, PM06, RS83]. Commands [DS78]. Comments
[BCPW74, Bul77, Wil71]. Commitments [LP15]. Commodity
[Ita78, Ram80, CKL+07, KRV09]. Common [AHU76, AJU77, AS97, Bro71, 
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[AAF+94, AGPV90, BSLRZ14, CIV88, CYZG14, Chu81, FLMS93, Jai15, 
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[Alt88]. Comparison [BK79, Gau59, Gau60, KS74, Mul59, PRR74, Sch72]. 
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Compilation [FU82, Lib01, SK96]. Compiled [Dix73, GHG60]. Compiler
[MO56, Moc56, SVN+13, Sim63, Hoa03]. Compiling
Complementation [Rei84]. Complementedness [HU66]. Complements
[ERR81]. Complete [Bak94, BBH+87, CM87, CK79, ET76, GHKL11, GI79, 
Jaf90, Mic76, PS81b, Pic73, Rei86, Roc84, SU82, SG76, Sal66, Sch78, Sci82, 
Sla72a, Yen72, APR13, BT95, GR90, HH97, SV03, TKB95]. Completely
[Hab70]. Completeness [AB70, Bau85, BE97, CS71, Dav77, GJ78, HW90, 
HL76, HR91, Kap68, LF88, SW82, VAG97, WRC65, SW01]. Completion
[GS75, SSS06]. Complex
[ABL80, BIW63, GB74, Lyn75, Pen65, WS76, Wil78, PD98]. Complexes
[GR79, BER06, DG98]. Complexities [Alt88, FZ77, HU68b, Iba72, MP75].
Complexity [AVV97, AP93, AHU76, All89, AACHE15, Awe85, BY73, 
BSLRZ14, BP89, BL87, BD87, Bor72b, Bor72a, BK81, Bsh93, CM85, 
CF12, CYZG14, CS77, CR86b, CY95, CS99, DI97, EG95, EF75, 
ESY85, FT88, Fre81, Fre82a, GJ76a, Gat83, Gen78, GL76, GS93, GK84, GI81, 
Har68, Har69, HH71, HHPW14, Hod70, Hun82a, Hun84, HK77, Ja84, Jai15, 
Jaz81, JS82, JM78, KB89, KP96, KPP+15, LR72, LS81b, LS86, LT93, Mai78, 
MSV81, MT85, Mar58, MS81, MHS+88, MP65, MP66a, MSM85, Mor73, 
Mor75, MGLA00, OKSW94, Pap76, Pap81, PY82, Pap84, PF79, Pip89, SH88, 
SM78, Sel72, SSSU83, SC85, SV85, Sud75, Sud78, Tiw87, Tor91, TW79, 
TS95, WEG77, Weg88, Wil70, XDB83, Yan79, AGHK09, BPC+12, BG01].
complexity [BR96, BK10, Bul13, BL04b, CSV09, Cha00b, CDT09, DMR08, 
FCFM00, FHS98, FKP13, GLS01, GKPS05, Gro07, Har03, HLP99, JLV00,
JS96, KZ13, McA02, MPT96, MMHW97, Mul11, NR09, Raz03, SM02, tCL09. compliance [LMW05]. Component
[CH14, DST92a, DST92b, HW90, Sam81, CLMW11]. Components [Nat67]. Composite [DI87, Ral59, SB73]. Composition [Weg69, LLR06]. Compositional [Bro97, CDOY11]. Compound [von62]. comprehensive [JS96]. compressed [FM05]. Compressing [FLMM09]. Compression [BW94, GS85, Kor58, RPE81, SS82, Tar79, ABF+92, BFG03, FGMS05, VK96]. Compromise [KG74]. Computability [SS63, TNS82, ZW03, HS99]. Computable [Abe68, CG67, Ste83, BT95]. Computation [BKS15, Bau56, BW57a, Bro71, CM85, Col71a, Dal73, DVSC77, Dye68, EV62a, EV62b, Fik59, FJ60, Gau61b, GKR15, GHKL11, HS55, Ja’80, Kan87, Kap68, KZ93, LF80, Lar76, LV57, LY89, LT93, Mac55, MST93, Meg83, MY84, Mor75, Ove66, PS80, Roc94, Smi71b, Yao82, AM07, BSSV03, DP01, GN08, Ind06, Val00]. Computation-Universal [Smi71b]. Computational [AVV97, Bor72a, Har68, HH71, KS63, KP90, MW84, Par61, PV88, Pra60, RKN75, SK73, Sav72, Sr65, Sr76, TM73, Wil70, Fei03, HLP99, MMHW97, RS00, Bor72b]. Computations [Abe80, Ano57, BE70, Bau85, BL79, BP89, BLi72, Fri62, Gen78, Giv58, GK84, HH63, Har68, Hen64, Hen56a, Hen56b, Hum84, JS82, KMW67, MST91, ME67, Má790, NJ57, Py64, Rei68, San96, Tsa74, Wei55, WJR57, BL99]. Compute [CAA74, Rei87]. Computed [KT78]. Computer [Adi69, AK70, Ano56a, Ano56b, Ano56c, Ano56d, Bau58b, BK72, Bla59, Blu58, BO56, Bra77, Bra67, BT69, BFGL79, Chu65, Cof69a, Cof69b, Den61, Den58, Den65, EV57, EV62a, EV62b, FH80, Flo60, Flo61a, Fri63a, Pri56, GP83, Gav67, Gel75, Gla57, Gol57a, Gol57b, Gol57c, Gol57d, GL70, GR74, Got54, Ham69, Hol62a, HH63b, HR63a, HY77, Isr57, KS78, Kam80, Kob74b, KSS75, KSS77, Lan59, Lat81, LS88, Lei57, LNSW59, LY61, Les58, LS71, Lie59, LR65, LKK83, LM94b, Mac77, Mam66, Mau66, MC74, MO56, Mil75, Min70, Mos58, Nbl78, Neu54a, Neu54b, Neu54c, Neu54d, Neu55a, Neu55b, Neu55c, Neu55d, Par55, Per56, PPV60, Pri76, Ras70, RS66, RS67, Rob63, Ry91, Row57, SM64, SL68, Sal72, SGR75, SAKS64, TT85, Til85, Tiw87]. Computer [Wad56, Wal61, Wil62, Wun67, dG89, Bro03, Cor03, Val03]. Computer-Aided [BT69, GR74]. Computer-Feasible [Wal61]. Computers [ABV00, BC54, BR54, Coo71, CU59, Dub66, Gol82, Har64, HST76, Hi59, Jac54, Lip57, Mul59, NS80, Rub55, Sch64, Sch66, Swi57, Wil68, Wir68a, Wir68b, CR501, KP02, Lam03]. Computing [AGMT95, ASV06, Ano68, Ano74, ASW88, BNN94, BIW63, CKM+14, Cha66a, Cha69a, Cor63, CM57, DP60, DG98, DH95, Elg54, Fra65, Fre82a, Gal82, GF60, Gus83, HS74, HS75, JP84, Jen56, LW63a, LW63b, LS87, LM86, LM94b, OD67, PR08, Ric74, Sho81, Wan57, Wil78, Wil54, Zad72, ALS09, BP03b, CDT99, EM07, FKP13, Hoa03]. Concave [EGGI92b, VY11]. Concavity [DLT94]. Concentration [Men15]. Concept [Sti73, Svo75, WRC67]. concepts [BGM+98]. Concerning [And68a, Gli65, Iba72, Lio71, Men65, Pic67, PT57, Rob74]. Conclusions
[GM56]. Concurrency [BC14, BBG89, DH94, HM85a, Her90, HH94, Klu83, Pap82, Pap85, SVN+13, YDL93]. Concurrent [CHL01, DNS04, LTV96, MM79, Pap79b, Pel87, SM90, VV12, AACH12, DW99, HV02].


Conjecture [CR86a, CG93, GOS13, KV15, Kor89, KP95, KMR95, Was81, HN07]. Conjecture [GKS06, GLVV12, Klu88, Mar13, ADK06, CNS07, DS12, GLS01]. Connected [AK84, DST92a, DST92b, HW90, KA88, Mac77, NS80, Sam81]. Connected-Component [DST92a, DST92b]. Connecting [LV57]. Connection [BE97, Joh90, KLM+97, Kow75, NS82, GGR98, SW01, SVV09]. Connection-Graph [BE97]. Connections [Bib81, WL57]. Connective [Gin60]. Connectivity [BM70, MP71b, Ram66, Ros70b, Yan79, Yel75, ATSWZ00, BPC+12, Gab06, Hdl01, Rei08]. Conquer [DS13, ENRS00, FKG09, Rou01]. Consecutive [CCSS14, Gup79]. Consensus [BT85, CHT96, CMS89, DDS87, DLS88, FLP85, MRR15, AKMS11, Asp98, AC08, MRR03]. Conservative [Nic93, KZ13]. Considerations [Cha69a, Ram66, SHE67]. Consistency [BK14a, Har06, Kra62, Mar59, SK80, SN04, ZY03, vD95, vD97, AL08]. Consistent [CK79, PW93, Ros71, FK198, MP10]. Constant [AM94, BR71, CMS89, Gal95, HMZ13, Hobb98, Hof84, LP15, LMN93, GMPS00, KLOW00]. Constant-Round [LP15]. Constant-Service [Hof84]. Constant-Time [CMS89, Gal95]. Constants [CLW95, Dub06, Lam82, Pla04]. Constrained [FK85, GC65, PM71]. Constraint [BK14a, BAG14, BM97, Das75, EW75, LM94a, Mar13, vD97, Bas99, BDLW98, BK10, Bul06, Bul13, Gro07, ZY03, vD95]. Constraints [BLT93, GJR8, GR60, HLR95, RAS90, SHR70, CJKK00, DJKK08, FL02, JGG97, Pac10]. Construct [GGM86, Rem81]. Constructing [HH95, Klev7a, OGS8, ST80, KLOW00]. Construction [BCBH61, CY82, CS77, Di89, Jaz81, MF63, MC76, Sun77, YU75, FCMF00, KSB06, KEL73]. Constructions [Wil70, BKS+10, NR04, Reg04]. Constructive [HSS11, MT10]. Constructs [Cle79]. Containing [Klu88]. Containment [HR77, MM81, MS04, tCL09]. Content [Eli74, Heh77, Kau71, Min70]. Content-Addressed [Kau71]. Contention [DHW97, GMPS00, AAF+01, AF03, MPR98]. contention-resolution
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[Aho68, BBK93, CRGM78, Ell72, GS63, GU66a, GU66b, GL76, Gor63, GH72,
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[Mow70]. Controlled [Cha66b, AW08]. Controls [IL79]. Convergence
[Cha14, Dun65, Dun66, FG76, Hon56b, JM60, Pag76, PKT90, Sta56, Tor64,
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Conversion [Kar65]. Convex
[CK70, CD87b, CH79, DFK91, HS90, Sku01, Yao81a, AHPSV97, BS88, BV04,
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[AEK+12, ICR87], convey [NS06a]. Convolution [Skl70, Tra69].
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[Cap02, HZ92, HLWM92, Kow79, KP80, Mat81, Nou83]. Corrector
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coset [HMR+10]. Cosine [DA68]. Cosmological [SM02].
Cost [BBS90, CYZG14, Dav90, EW75, EGGI92a, EGGI92b, GT88a, GT89, HMR83,
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[AM80, CC76a, CC76b, BDHS12]. Count [AT71]. Countable [AP86].
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[BG77, Bre70, Fr73, GH72, Hen79, HM85b, Mic76, SK73]. Coverings
decodable [Yek08]. Decoding [KSY14]. Decomposable
[Dar01, Tal69, FG01]. Decomposing [GG13b, KLSS05]. Decomposition
[BE97, CK95a, CH14, CDMP92, CPT94, CS84, Cur63a, Cur63b, FOS14,
Fre91, GF67, Har74, MS89, WZC95, GR98]. Decompositions
[BC69, Yoe65, DL07, FFG02, GMS09, Kol04]. Dedicated [Mul11].
Deduction [AM90, AJM80, MW86]. Deductive
[BNNS94, Coo64, QH68, Kif98]. Default [Got95b, TK91, FH01]. Defects
[GE84]. defender [JS08]. Definability [GR63a, Ros68, Gro12]. Definable
[BLSS03, Ros67a]. Defined [CF59, Opp80, Tor91]. definedness [Van07].
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[Hoo66b, SL15, ACKM09, SSZ98]. Degrees [Cas71, CS68, Fag83, Hom87].
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[Haj83, OM78, OR90, Tob82, DGS01, GMPS00]. delaying [CW96]. delays
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[BD87, Gau64, LO85]. Dependencies [BV84, BDFS84, CKV90, Fag82,
Hon82, MSY81, Men79, SU82, Sag80, SDPF81, SW82, SDPF87, Sci82, Via87].
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Dependent [Del70, GKP06, MM86, OR90, Rld76, Tow80, AZ05].
depending [CS99]. Depth
[GKK91, LNM03, Nau83, RW92, Will84, SS13, SPK13]. depth- [SS13].
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Derivability [Coo66]. Derivation [Flo64, Hog81, MS74, Yel75].
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[BK95, Lei57, JSM03, LR99]. Desirability [BFMY83]. Desk [Par55].
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[CHT96]. detectors [CT96]. Determinant [HS75, Ras09]. Determination
[Bro82, CF59, Dub66, Hei71, She57b]. Determining
[AMS05, CH79, Mar71, Pra60, Was54]. Deterministic
[BE11, BB95, Col71a, GHL^87, GS90, HH74, NB96, NV95, Ste03, Sud78, Ukk82, Upf92, Val75, DR00, HDLT01, OG96]. Deterministically [GW85].

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[Bau56, FU82]. Integrating [Rah70]. Integration
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[Erc60, PGE75]. **Level** [HS77, HR63b, HR63a, ILP97, LW08].
**Level-Clocked** [LP97]. **Levels** [Zar59]. **Lewis** [HHR97]. **Lexicographic**
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[Mon70]. **Limitations** [Cha74, HMR†10, KV94a, PV88, Sch64, SRM97]. **Limited**
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[RS66, RS67]. **Limited-Use** [AACHE15]. **Limiting**
[Sch74, Win64]. **Limits** [NS06a]. **Lin** [Man79b]. **Lindenstrauss**
[KN14]. **Line** [BB95, BLS92, CE92, ES81, GS78a, Gri73, HL76, IM83, IL83, JS82,
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[GHG60]. **List-Storage** [GH68]. **Listings** [CF12, Sco58]. **Lists**
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[HZ92]. **Live** [Kou77]. **Live-Dead** [Kou77]. **Lived** [HHFW14]. **Lively**
[Nag61]. **LL** [Bea82]. **Lloyd** [ORSS12]. **Lloyd-type** [ORSS12]. **Load**
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Maximal [BJM79, Cer58, CH14, CT81, KW85, Kel73a, Kel73b, Log97, NB95, Wer79, Zad72]. Maximization [HP72a]. Maximizing [PT57]. Maximum [Bry82, DP14, FGM88, Gal76, GT88b, Hsu88, Joh87, KR77, New65, PKR84, SH88, SM90, Yan79, ANP07, BFJ+03, BK09, CFM10, CT06, GW95].
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Mechanism \cite{LS11}. Mechanisms \cite{BKS15, Mur55, SAKS64, RS09b}. Mechanization \cite{Bar60, Pie73}. Mechanized \cite{O'C64}. Media \cite{HWB56}. median \cite{OR02, JV01}. Membership \cite{BMT92}. Membrane \cite{GS57}. Memoriam \cite{Ano98b, DNRS03}. Memories \cite{Fal62, Por66, Rao78}. Memory \cite{AAD+93, AG73, ABND95, Bry82, BC73, CLRS86, Flo64, FK85, Gau61a, Har67, Joa59, JM78, KS78, KU88, Kau71, Lie59, Log78, Mit74, Pul55, RC70, SVN+13, Smi79, TG82, UW87, Wil87, WC74, Cap02, DHW97, DR00, FG99, GHS09, NR09, SN04}. Memory-Constrained \cite{FK85}. Mercury \cite{BT69}. Merge \cite{FB72, HHHN14, KG74}. Merge-and-Shrink \cite{HHHN14}. Merging \cite{AB70, And68b, BT79, Gli65, Goe71, HD73, Man79b, MBM89, Rei71, Sob62, YY76, HRM02, MPT96}. Merlin \cite{HM13}. Mersenne \cite{Fra61}. Mesh \cite{AK84, KA88, MMHW97, Mor62, NS80}. Message \cite{AK84, KA88, NS80}. Message-Passing \cite{AK84, KA88}. Messages \cite{MMR15, NS06a}. Metadata \cite{ADLM14}. Metalgorithm \cite{Ric75}. metatheory \cite{PR99}. Method \cite{Aki70, Alo60, ABV60, AMR11, BJ66, BIW63, Ber54, Ber58, Boj84, But65, But79, Cal59, CM74, CD60, Cor63, Cry71, CV59, DHM65, Dun65, Dun66, DG57, Ehr58, Fli60, Fra65, Fri73, Fra65, Gof71, GMvN59, GF60, HH57, Han63, Has70, HHHN14, HW67, HI59, HP59, HR91, Jen73, Joh61, Joh93, Kei56, Kle67a, Leh61, Liu63, Lot56, Mar59, McL84, Mon68, Par61, Pet62, PT57, Pyl64, Rab66, RS63, Sal60, Shi69, Sho77, Shr70, Sig67, Ste67, SEY15, Sto64b, Tho57, TM66, TI70, Wal61, Wan93, War57, Was54, Wed69, Win55b, WS76, Zaf70, ACR98, KT68}. Methodology \cite{Bry91, Sum77, CGH04, LBNS09}. Methods \cite{BK14a, Bau78, BNNS94, BF61, Bui79, But67, BL66, BWC63, Ber54, Ber58, Boj84, But65, But79, Cal59, CM74, CD60, Cor63, Cry71, CV59, DHM65, Dun65, Dun66, DG57, Ehr58, Fli60, Fra65, GC65, Glu63, Gof71, GMvN59, GF60, HH57, Han63, Has70, HHHN14, HW67, HI59, HP59, HR91, Jen73, Joh61, Joh93, Kei56, Kle67a, Leh61, Liu63, Lot56, Mar59, McL84, Mon68, Par61, Pet62, PT57, Pyl64, Rab66, RS63, Sal60, Shi69, Sho77, Shr70, Sig67, Ste67, SEY15, Sto64b, Tho57, TM66, TI70, Wal61, Wan93, War57, Was54, Wed69, Win55b, WS76, Zaf70, ACR98, KT68}. Metric \cite{BKMZ15, JV01, KT02, Lee80}. Metrical \cite{BLS92, BLR10}. Metrics \cite{KV15, CGT10, ENRS00}. MSG \cite{Ple74}. Micro \cite{Mer57}. Micro-Programming \cite{Mer57}. Microcellular \cite{Min67}. microprocessor \cite{BY96}. Microprogramming \cite{Gla56}. MIDAC \cite{Coh55, Gra55a}. Midpoint \cite{GR73, Lot56}. Milne \cite{Kei56}. MIMD \cite{LKK83}. Minimax \cite{VW63}. Min \cite{BSP82, GT88a, PS81a, Yan85, LR99, OR02, SU05, SW97, Chi86}. Min-Cost \cite{GT88a}. Min-Cut \cite{Yan85, LR99, SW97}. min-entropies \cite{SU05}. Min-Max \cite{BSP82}. min-sum \cite{OR02}. Mini \cite{DR03}. Mini-buckets \cite{DR03}. Minima \cite{Ber69}. Minimal \cite{BF67, BL79, Cha72, CT81, CR56, DM81, DDS87, EHR84, EW75, FM70, Gav83, Gin60, Hib61, Hom87, Hsu75, Hwa79, Jaf90, Nat67, Pag74, Pra60, dV71}. minimality \cite{D95}. Minimax \cite{CF59, Fra65, Sha70a}. Minimization \cite{BHR84a, Law64, LY94, MP65, MP66a, Sch74, Ste67, AZ08, CN06, FFM08}. 
[Alt57a, Alt57b, Alt57c, Alt57d, Ano54a, Ano54b, Ano54c, Ano54d, Ano55a, Ano55b, Ano55c, Ano55d, Ano56f, Ano56g, Ano56h, Ano56i]. Notion [MP71a, Vaz12]. Notions [GMV86]. NP-NP-Completeness [GJ78]. NP-Hard [HL13, GSV84, MR08]. NP-hardness [GMS09]. NULL [Hi86]. Number [Abe68, AA69, AM85, AD94, AL80, AALS86, CH86, CI88, CM17, Gra63, GSK59, Gre61, GI79, Har63a, HD64, Kan65, Ked79, Kro64, LV57, LP73, MM65, NR04, Rot60, ST74, Sni71a, TRA71, Van67, Wan74a, Wes67, Fus90]. Number-Theoretic [GI79, NR04]. Numbers [Cer58, Cha69b, Cov60, FL74, Hab70, Hen56b, KR93, Loi69, MP66b, Mos54, Pen65, Pic64b, Sch68, Sto64a, Tez87, BT07]. Numeric [Chu81, Sar83]. Numerically [CLA95]. O [CAA74]. Obfuscating [BGI+12]. Object [AK94, KLW95, VVAG97, Yak76, BN05, BY96, FG10, ZS99]. Object-Creating [VVAG97]. Object-Oriented [KLW95, BN05]. Objective [Phu76]. Objects [CD87b, Con98, AGMT98, FKL98, JCT98]. Oblivious [Goo11, GO96]. Observation [Ber75]. Obstacles [RS94a, SR94]. obstruction [AGHK09]. obstruction-free [AGHK09]. Obtain [Cl879, Colo87]. Obtaining [Gl63, HR63b, HR63a, Mon68, Pet62]. Octave [Neg66]. Odd [RMK79]. Odd-Even [RMK79]. Off [AGPV90, BKT67, Dal73, Don59, KTO8, PUS89, Pip78, Rei80a, BCP+12, BSSV03, CS99, KL70]. Off-Step [BKT67, KTO86]. Office [BB61]. Offs [DEL80, Ja83, Sav84, AD905, DI05, HMR83, LT82]. Ogden [BM82]. old [Bro03]. Omega [MC87]. On-Line [BB95, BLS92, ES81, GS78a, LL85, Man75, MS92, AAF+97, CDRS93, DGS01]. Once [AHK93]. One [BS76, CI88, Coo66, Fis65a, FLP85, GGH67a, GH68, Ham69, HS57, Har68, HHPW14, KTO8, LP15, Lip57, Neg66, Se872, SL15, SEY15, Yer65]. One-Counter [SEY15]. One-Dimensional [Fis65a]. One-Normal [Coo66]. One-Pass [Se872]. One-Plus-One [Lip57]. One-Point [KT74]. One-Register [BS76]. One-Shot [HHPW14]. One-Tape [Har68]. One-Third [Neg66]. One-Way [CI88, GGH67a, GH68, HS57, LP15]. Online [AP95, BSZ06, CS11, CVH65, MSV90, NR90, Se872]. Open [BCMP75, GS76, GK58, Win82, Red03]. Operating [SM64]. Operation
Operation-Preserving [Wee62]. Operational [HK55, RV80]. Operations [Ata94, BK77b, Doy62, EV57, Erc60, GR63a, KW66, Oli67, Par55, RP66, Skl70, Wis54, AD01, Cha01, FV02]. Operator [Con72, Flo63, Hue71, Hue73, Hue74, Jon62, TW79]. Operators [Lom61, SY80, Tal69, HLNW01, RSG05]. Optical [ABNC+96]. Optimal [ADU71, AJ76, ACW91, ACK08, BH89, BL79, BCH+96, BGH+95, Boj84, BL92, BL75, BFL79, CCF88, CE92, CF12, CS88b, CD94, Cun85, DDFS14, DL07, DM81, ES15, FGL77, FB72, Fri73, Gal95, GJ76a, GL88b, GLW70, Hor78, HY77, IK74, ILG87, Ker71, KN81, KL95, KA88, KT74, LH90, LS11, Laz84, LP79, LS87, LS88, Lef74, Man79a, Mor62, NS80, PWT88, PGE75, RS66, R67, Riv78, Ry91, SU70, SL71, SL15, ST87, Sta70, TT85, Tar83, TW84, TWS80, TS81, TG96, Wil91, Yao85, AGH00, AMN+98, CKOR14, Cha00a, CC04, CHL01, FGMS05, Has01, KP02, PR02, SVV09, NV95]. Optimality [Bol79, DP85, FB72, Pap79a, Rei72, Tay93, Yi12, YW73, OOW99]. Optimally [FL74]. Optimization [AV88, AG73, Be72a, Be73a, Be73b, BMR97, BG77, BR15, Ear74, Fai85, FMP+15, Fra69, FT87, GMSV93, HM13, HS90, RC70, Rot70, Sh79, You77, BFG03, CHW12, SSS96]. Optimized [Den61, GC65, GG61]. Optimizing [Gor56, ILP97]. Optimum [CCF84, Chn65, Gra57, GM79, Gel79, KF04, GM92, KR89, MBM89, Wol65]. OR-dispersers [SSZ98]. Oracle [KMR95, CGH04]. Oracles [BB86, LS86, Tho04, TZ05]. Order [Dye68, KL86]. Order [AM90, BKMZ15, CBHH61, CR56, Con57, Cra54, Cra57, Erd66, Fis56, FLO83, Fro61, Gru70, HN84, Kob13, Kro66, KT74, LGT14, Man69, MG93, MM75, MR62, Mov67, MP71b, NM90, Pet15, Pic64a, Pie73, Rei80b, Wer79, van72, BG98, BLSS03, BK+06, DKT13, EGG00, FG01, GKS04, JR07]. Ordered [BG98, Fai85, MY79, AT07, G01, SS06a]. Ordering [BZ14, EBA72, MB83, Rei71, Ros71, Sla72b, WH73]. Orderings [BD94, JR07]. Ordinal [BY73, St76]. Ordinary [BKT67, Bui79, But65, Cas75, Cas76, Cha62, DG71, Gla65, Gra55b, Ham59e, Kro67, Kro73, MR62, Mor62, Pic64a, Rah69, Rah70, Us66]. ORDVAC [You55]. Organization [CLRS86, EV62b, GS69, HY84, KMW67, Low68, Moc56, Pea69b, Wh65b, EV62a]. Organizations [Gau59, Gau60, WC74]. Organizing [AM78a]. orientable [DL07]. Oriented [Gra62, KLW95, Nev74, Rob65, Wan93, BN05, GJS12]. Origin [DK65, Li59]. Orphan [HLMW92]. Orthogonal [AF58, Bro65, Cha90a, Cha90b, CEG86, Fre81, You67]. Orthographic [Wei66]. Orthologic [RS00]. Orthonormal [Rab66]. Orthonormalizing [DR54]. Oscillating [So62]. Other [BB70, Boo82, Shr73, GKS84, JK78, Aro98, Gro07]. Out-of-Kilter [Sin86]. Outerplanar [BJM79]. Outline [Hol62b]. Outlines [Hob93]. Output [Fer60, Gil66b, Hof77, HR63b, HR63a, Leb74, MS59, SM81, DK59]. Output-Buffer [Hof77]. Overdetermined [Abd71, GLH57]. Overflow
Shi80, SR94, WW73, Yen72, AHPSV97, AMS05, AZ06, BS88, Coh00, DI04, PSSZ13, Tho99, Zwi02. **PATRICIA** [Mor68a, Szp90]. **Pattern** [Alt62, AM82, Ble66, Doy62, DW64, DGM94, Goh82, Kel61, MF63, Mye92, RR92]. **Pattern-of-Calls** [AM82]. **Patterns** [BLR14]. **Payment** [BKs15, Sa60]. **PCP** [Din07, MR10a]. **PCPs** [GS06]. **PDAs** [GF80]. **Pebble** [LT82, Rei80a]. **Pebbles** [Kla85]. **Pell** [Hal07]. **Disaggregation** [CS85], or [Hmn84]. **Output** [Cof69a, Cof69b]. **Sleep** [Leu93]. **Write** [CCF84, HV07]. **Percentiles** [She57b]. **Perceptrons** [Kel61]. **Perfect** [GK88, Hsu87, Hsu88, RT88]. **Perfectly** [DDWY93]. **Performability** [dG89]. **Perform** [Win65a, Win67]. **Performance** [BW91, DI87, FW74, FB72, Gau59, Gau60, GM73, MY79, Nei87, NT93b, Rao78, Rus82, RT90, TSG85, TRA71, TPH86, Vit83, Weg76, Wig83, Wil77, AAF+01, WR03, GM75]. **Period** [AM78b, BN71, NBC72, KLOW00]. **Periodic** [AM78b, BN71, NBC72, KLOW00]. **or** [Hmn84]. **Output** [Cof69a, Cof69b]. **Sleep** [Leu93]. **Write** [CCF84, HV07]. **Percentiles** [She57b]. **Perceptrons** [Kel61]. **Perfect** [GK88, Hsu87, Hsu88, RT88]. **Perfectly** [DDWY93]. **Performability** [dG89]. **Perform** [Win65a, Win67]. **Performance** [BW91, DI87, FW74, FB72, Gau59, Gau60, GM73, MY79, Nei87, NT93b, Rao78, Rus82, RT90, TSG85, TRA71, TPH86, Vit83, Weg76, Wig83, Wil77, AAF+01, WR03, GM75]. **Period** [AM78b, BN71, NBC72, KLOW00]. **Periodic** [BB58, CM93, DPRS89, GF67, GB69c, GB70]. **periodically** [GE01]. **Periodicity** [HN07]. **Periodification** [KLOW00]. **Periods** [Dad88, Fit60]. **permanent** [JSV04, Raz09]. **Permutation** [BM92, EPL72, Fra76, KS74, NS82, Wakt8a, Wakt8b]. **Permutations** [Ehr73, HP99]. **Permuting** [GK84, PMH09]. **Persistence** [CGOS13]. **Persistence-Based** [CGOS13]. **Persisten** [DST94, LR78]. **personalized** [AT10]. **Perspective** [KSG68]. **Persymmetric** [HC72]. **Perturbation** [Gla91, Sur87]. **Perturbed** [RW88]. **Peri** [DG84, LR78, MM81]. **Phase** [BS85, IL97]. **phenomena** [MFR98]. **Phenomenon** [GR73]. **Philadelphia** [Hou56c]. **Phrase** [BM62, Gre56]. **Physical** [HRS88, BEP09]. **Physics** [Ber54, Yao03]. **pi** [PS00]. **pi-calculus** [PS00]. **Picture** [HP76, RP66, Sel72]. **Pictures** [AT71, Hue71, Ros70b, Ros73b, Sha70b, SR71]. **piecewise** [VY11]. **piecewise-linear** [VY11]. **pigeonhole** [Raz04]. **PILOT** [LNSW59]. **Pivot** [Mul78]. **PL360** [Wir68a, Wir68b]. **place** [FG05]. **Placement** [CCF88, GS73, Mam66, MW78]. **Planar** [Bak94, BMH11, CK95b, Fre91, Hsu87, Hsu88, Joh87, MP91, Mul91, PB89, BKL+06, BK09, Cha01, Tho04]. **Planar-Adaptive** [CK95b]. **Planarity** [Deo76, GR79, HT74, Kna75, Len89, GIS99]. **Plane** [CE92, Hod70, SR94, Wei66, Wil78, HW04]. **Planning** [DRCR93, RS94a, Sun69, BLMS97]. **Plans** [BjP9]. **Plate** [AC55, CD00, Was54]. **Plausibility** [FH01]. **Player** [HMZ13, PM71, CDT09, PR08]. **Playing** [Ber63]. **Plotting** [Bas58]. **Pluralism** [Smi82]. **Plus** [EV62a, EV62b, Lip57, Mac66]. **PODS** [LV09, VV09]. **Point** [Abd71, Aio60, AM59, ACW91, BG77, CK95a, CO84, CF59, ER80b, HW67, JMMW79, KL73, Kei56, KT68, KT74, LM86, Mol67, OD67, Tsa74, Wad60, AF03, CD08, FKL98, Gro12]. **Point-Disjoint** [BG77]. **point-to-point** [FKL98]. **pointer** [GG96]. **Pointers** [BAG92]. **Points** [BG77, BKT67, BL66, GS69, AHPV04]. **Poisson** [BH65, Hoc65, Laa58a, SB82]. **Polarized** [CM74]. **Poles** [Sti65]. **Policies** [BJP59, Ghu63, NT93b, PTW88, Yan82, LW08, MSU99]. **Policy** [BGH+95, Leu93, One75, Rus82, Sal69]. **Polling** [KM74, Swa80]. **Poly**
Poly-logarithmic [HdLT01]. Poly-adic [GB69a, GB69b].
Polynomial [ACW91, LP79]. Polyhedral [CH79, BS88]. Polyhedral [GML15, AMS05]. Poly-log-time [Coh00].
Poly-logarithmic [AACH12, AACHE15, BBMN15, BE11, Bra10, HK99, SSZ98].
Polylogarithmic-Competitive [BBMN15]. Polymorphic [JR07, Lai13, OR00, PS00]. Polynomial [AFN04, Aro98, BBS86, BC61, 
Bro71, CD87a, CK90, CM93, Col67, Col71b, CVK90, CF59, DV14, DFK91, 
ET76, FL88, Fr65, Fri73, GSH89, GNP+93, Gat83, Hal07, HMZ13, Hei71, 
Hen70, HW76, Hom87, HS75, Hor75, KB89, Kam89, Kan80, Kan83, KL86, 
Ko90, Ld75, Lh61, LS80, Mát90, McC73, Mey84, Moo67, Mou65b, Mus75, 
Mus78, OR02, PW93, Sch80, ST74, Shi80, Smi70, SY15, VV63, Yan85, 
Gro12, HP99, IFF01, JSV04, Raz09, RS09a, ST04]. Polynomial-Space [LS80]. Polynomial-Time [BBS86, CM93, CKV90, 
DV14, FL88, HW76, Kan83, KL86, Ko90, Mát90, AFN04, Hal07, OR02, JSV04]. Polynomials [AF58, Boo65, FT88, Kal88, 
RC66, RC86, Spi61, Wil78, Wil62, You67, BBC+01]. Polytopes [GML15, AHPSV97, LZ01]. Positive [AG87, But78, CS84, 
AT11, Tho99]. possibility [BGI+12]. Potential [CK95a, San96].
Potentiometers [HA56]. Potts [GJ12]. Power [BK78, CI66, DH94, DS92a, Gau64, Hen56a, HH94, Iba77, Min57, PT12, 
Smi82, Spi61, dV59, ACKM09, BDILW98, GK04, MSU99, SRM97].
Pre [Osb60]. Pre-Conditioning [Osb60]. Precedence [ADU72, Col70, Flo63, GH73, Har60, KY83, Mar59, MP72, TPH86].
Predictor-Corrector [Alo60, Cha62, CK65, GS64, Ham59e, HC63, Kar68, Kro66]. Predators [KT67]. Preemptive [BB8+15, CG93, GS78b, GJ80, HLS77, LL78, Mar82, MC70].
prefetching [VK96]. Prefix [BP89, LF80, PGE75]. premises [BG96]. Premium [Wis54]. Preparation [Sc80]. Presburger [Sho77]. Presence [ADLS94, DLP+86, 
DLS88, GE84, LMS85, PSL80, RS94a, BFG08, CBD7+99, DW94, FL02].
Primal-Dual [BBN12, JV01].
Primal-Simplex [Mul78].
Primality [AB03, GK99].
Prime [DP75, Sni71a].
Primes [DP75, Fis65a, Fra61, HS68].
primitve [AK98].
Primitives [Kor83, Sta82].
principal [CLMW11, Ha07].
Principle [Lee72, Rob65, HKM12, Raz04].
Principles [ADU71, Ano79, Gra77, HJV01].
Priory [EC64].
Priorities [Adi69, RA76].
Priority [Adi71a, Bab75, DLT07, FP94, KK74, Len93, NT93b, Sim84, Cha00a, MSU99, Tho07].
Privacy [CKOR14, DJW14, BLR13, EFW10, FGY00, JR09].
Private [CKGS98].
Probabilistic [AAHK94, AS98, BGB12, BKK14, CHJS15, Con91, CM78, CY95, Ell72, FKK11, GG78, IM83, Kar94, Ko90, KB81, MT85, MK60, MW84, NS06b, Pit89, Rac82, Sch80, SEY15, Adl05, CSV07, DS12, HP07, MP98, RSG05, Tar08].
Probabilistically [Kam89].
Probabilities [AM80, CR86a, EC64, ME67, Wei62, ALS09].
Probability [CC67, FH94, FH98, Gav67, GL71, HT93, OD67, She65a, She65b, Wil70, YW73, PSSZ13].
Probe [Gon81].
Probing [BBS90, MY80, PK87].
Problem [AF67, AHU76, AMOT90, BGP84, BMT91, BBMN15, B66, BMT92, Bel62, BH74, BCS92, BN62, BM84, Bre70, BC73, Can62, CG70a, CF12, CD60, Co66, CNP85, CH84, Cur63b, DDFS14, Den58, Di 69b, Di 73, Dil89, DST80, DM62, DG57, ER80a, Ehr58, Ell72, EG82, ET76, ES81, FOS14, Fei84, FN93, Fre83, Fri63a, GM79, GG78, Gav83, GS57, Gil63, Giv57, GT88b, GH75, GYY80, GF80, Giri8, GI79, GI81, Gus83, Har76, HRS88, HW76, Hir77, HP59, Hoo66a, HS74, Jaz81, Joh71, Kan80, KL66, KW85, KIM81, KR77, KS75, Kur62, LSP82, Lam83, Lam86a, Lam86b, LR81, LW75, MM81, Men65, Mey84, Mic76, MP91, Moc71, Net59, Oya87, Pag74, PW93, PB89, QH68, Rei80a, RKN75, Sah75, San69, Sch74, SM90, Shi80].
Problem-Solving [EG82, QH68].
Problems [AIK84, ABS15, AK84, Bak94, BK14a, BHS99, Ber54, Ber63, BHR84a, BH65, BR54, BCLM56, Chi86, CM61, Col58, CC95, CKV90, Cry70, Cry71, Cud70, DH56, Dun65, Dun66, EC08, EK72, Ehr59, EF75, Esc60, FSM97, Fre79, FG79, GT91, GMSV93, GL71, GR63b, GC65, GH72, Gur85, GSV84, Har57, HH63, Har69, HZ80, HL13, HM85b, HS86, HS87, HJ61, Hou58a, Hsu88, HR77, HS78a, HS78b, Hum82b, Hum84, IK75, Iba78, IL83, IRT78, Ja'83, Ja'84, Kan83, KV15, Kir81, KS74, Kon77, Lax58b, LM94a, LO85, LR65, LR77, LZ77, LY94, Mai78, MT85, MS11, McC03, Mey88, MTZ60, Mot94, NJ57, PY82, Ram80, RWM94, RP89, RKN75, Rot70, SG76, Sav84, Shi69, Sla63, ST72, TNS82, Tar81a, Tar81b, UsM66, Val75, Was71].
Procedural [Ros79a].
Procedure [Bar60, BV84, Ber73, Com68, CR56, DP60, FLSY74, Fri62, ...
Procedures
[Aki70, And66, And65b, Blu71, Cas76, GR60, Har64, HC63, Joy76, JM60, LW93, LW57, Lom62, Lov72, Mac57, Mac60, Mos58, NO80, Sl64a, Smi84, Sri76, Wun67]. Process
[Bar60, BN71, BJL82, Car58, FLP85, Gra63, Smi79, BGJ10, MGLA00]. Processes
[Apt83, BBK93, Bau58a, BR71, BHR84b, CDPP14, EY15, GS92b, MM79, She59a, BP01, CSV07]. Processing
[BL93, BW91, Blu58, Bry82, CW76, CN95, CAA74, Fox70, GHG60, GM61, HM58b, Im91, Kle66, Lom62, Mc59, NT93b, Orm61, Pap87, Pea67, Pea68, PGL76, RP66, SL68, SS79, Tre54, GHS09]. Processor
[AK84, CMT70, CG93, FM80, Gab82, GS78b, HY75, KM72a, Kne93, Llo82, Pri76, SC80]. Processor-Sharing [CMT70]. Processors
[DJ81, FK85, GJ76b, Gen78, GK84, HS76, IK77, KA88, LL78, Pea69b]. Produced
[Boy89, Two63]. Producing [MO56]. Product
[BKK84, CHT77, CM83, CM96, DLN73, DHM65, HM13, Jai51, Mc58, SB82, Wee65, Wee67, dL89, Noe79]. Product-Form
[CM83, CM96, McK87, SB82, dL89]. Production
[Man67a, Mel56]. Products
[Erd66, Kam89, Mor97]. Program
[AGOW66, Ber63, Bra78, Bran72, CB72, ER64b, Fr63a, Gor56, Gus83, HC85, HR63b, HR63a, Hun82a, Hun84, Kel73a, Kel73b, Log78, Log79, Lov77, Ram88, RD81, Hut64, Sc74, SFR68, Sl63, SB68, Smi82, Sum77, Tit55, TG82, Wan80, Weg76, DNS05, DPSV08, EKL10, Vaz12]. Programmability
[Por66]. Programmed
[Boy57, Ros69, MS59]. Programmers
[Row57]. Programming
[AM94, An97, AV82, BNNS94, BHK59, Bel60, Bel62, BS59, Bon70, CK79, Cla79, Cha95, CC95, CB72, DLE80, EC68, ER64b, EGGI92a, EGGI92b, Fei84, FN93, Fox70, Gnu63, GM81, GB92, GB65, Gor57, Gra77, Gra62, Har76, Hel89, Hol62a, Hun82a, Kan80, Kan83, Kh64, KB67, LS11, LL78, LR77, Lip57, Mc58, Mer57, MH82, MTZ60, Nev70, Pap81, Rem81, Rut55, Sch61, Sri65, Sri76, SR60, Tl58, TS74, VK76, Wir68a, Wir68b, YL57, Yer66, GW95, KMS98, Lai13, Mye99, SS06b, Snu01, GK59]. Programs
[AP93, BL90, BL79, BK95, BKK14, BD77, Cha66a, Cha69a, Cha69b, De92, GMSV93, GI81, Gnu85, Hec77, HL76, Hog81, IM83, IL83, IS75, JM77, JM86, Kal88, Kob13, Kow79, Lee61, Man69, MP90a, Mat81, Pag74, Phu76, RV80, RS66, RS67, Ros94, SD69, SJ80, Tsi70, Weg88, Wei66, You77, vRS91, AB05, BN05, BGI12, BV04, CW96, SS06b]. progress [Hal98]. Projection
[Py64]. projections
[McCo3, Pac01]. Pronounceable [LY61]. Proof
[Apt83, ALM98, BD94, BV84, BG15, BM84, Cha70, CG93, DAV77, FLSY74, GMW91, GL70, Haj83, Kow75, LFKN92, Mau69, MH89, PPV60, Sha88, She92, HN07, LMM05, MT10, OOW99, Raz03]. proof-of-compliance [LM05]. Proofs
[BD94, BB77, GMW91, GKR15, HZ92, Nou83, AS98, BSW01, BY96, FGL96]. Propagated
[Att57]. Propagation
[BCLM56, Gra55b, MM07].
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Properties [ABL80, AMP73, BKMZ15, Bol79, Cha62, Coh64, DLT94, FHV92, Far63, Gin60, GZ82, Her90, Hod70, Hue80, LR72, LR78, LW93, Man69, MP70a, Mar13, Mon70, MP71a, PS70, RS83, Ros68, Sc172, WS76, BKL+06, Cap02, CHL96, DKT13, FG01, JCG97]. Property [BB58, GGR98, Set74, Set75, Toy87, dS58, JRS09]. Proposed [Fis58].

Propositional


Pyramid [Kla85].

QIP [JJUW11]. QR [CR86b]. Quadratic [AM85, FJ60, Plu76, Rub15, Sku01]. Quadrature [Gat83, LR79, Lyn69, Mor59, Rai59, Ric75, Two63, Wer79]. Quadratic [Wei66]. Quadrilateral [KP71]. Quadtrees [Sam81]. Qualitative [DFPP02, BT00]. Quality [Nau83]. Quanta [PGL76]. Quantification [DP60]. quantifier [BR96, Bas99, KK13]. Quantifiers [Tor91]. Quantifying [RS09b]. Quantile [Igl76]. Quantized [MP71a, MP71b]. Quantum [AS04, BBC+01, BN79, Bro82, HM13, ANTSV02, AKS12, Hal07, HMR+10, JRS09, May01, NS06a, RS00, Sh03]. Quasi [Cry67, Mon68, Zel68, RS09a]. Quasi-Euclidean [Mon68]. Quasi-Linear [Cry67]. Quasi-Newton [Zel68]. quasi-polynomial [RS09a]. Quasicyclic [Han62]. Quasilinear [Sch78]. Queries [AHK93, BC81, CM87, CY82, Fre81, GS92a, GLV12, HN84, Klu88, Mar13, Sag91, ADK06, BL00, Cha10, CO04, Chi86, CNS07, DS12, FFM08,
Query-Based [KUB+15]. Querying [BLR14]. Question [Coo64, Koc69, KUB+15]. Question-Based [KUB+15]. Question-Answering [Coo64, Koc69]. Questions [HU68a, Koc69, Race2, Win82]. Queue [AA69, Adi71a, AHY73, Bab75, Cof69a, Cof69b, Del70, FP94, Kam82, Kne93, Kob74a, Laz84, LS71, MM84, Rq76, dL89, Cha00a, LMNNM03]. Queue-Dependent [Del70]. Queue-Length [dL89]. queued [LMNM03]. Queueing [ADW68, BMT89, Bra77, CHT77, CM83, CK68, DLT94, Del70, HP72b, IWT1, Kie66, KM72a, KT90, Kob74a, Kof74b, KR76, Leu93, Mac77, MC74, OM78, Oq75, PKT90, Ras70, TPH86, Van78, Noe79]. Queues [Adi69, Adi73, BCP75, BKK84, Cho80, CI74a, FACPS81, HM72, IS78, JMC93, Oma77, PTW88, RA76, SD83, Sim84, Tar72, Tho07]. Queuing [BL90, CM96, CLW95, CG86, DCKT92, ES86, Gla91, GM92, Haje83, HP90, Hw84, Lm82, MeK87, MY84, RL80, RL81, RTW94, SB82, SM81, Sur83, Tow80, TW88, dL89, BKR+01]. Quotients [GS63].

R [Bui77]. R. [ZY03]. Race [BS89]. Radius [LM86]. Radix [HI59, Mac66, Mat82]. Ramakrishna [Mul11]. RAMs [DR00, GO96, PMH09]. Ramsey [BKS+10, MSM85]. Random [ADH63, AP86, BYG08, BC93, BB58, BBS90, Boy89, Bsh93, Ccr58, CDRS93, Cov60, CM67, Dl69a, DF91, ER64b, FJ60, Fsh69, GGM68, GSK59, Gre61, HD64, KK13, KMR95, MM65, MY79, Mey85, Mos54, Rei87, Rot60, SNPT13, S79, Sch88, Smi71a, Smi84, St64a, TR71, TRET3, Tra63, Van67, Wese, ANP07, Ats04, BV04, BEP09, CGH04, CFI10, GHS09, Hoc01, KT02, NR04, Reo03, Reg09, Vem10]. Random-Access [ER64b, MY79, Sch88, Tra63]. random-sampling-based [Vem10]. Randomization [dG89, CSV09]. Randomized [AT11, BBN12, Bra77, BGRS13, Coo11, HK99, KKT95, KR93, KZ93, MR98, MC87, Asp98, ACO8, BSSV03, FHS98, VH06]. randomness [GUV09]. Range [Cha90a, Cha90b, CK65, Fre81, Gra63, WL85, CC04, HKM+02]. Ranges [MST93]. Rank [BLSRZ14, Raz13, AM07, CKL13, KVK04, S113]. Ranking [BAG14, YW73, AT10, ACN08]. Raster [CLRS86]. Raster-Graphics [CLRS86]. Rasterizing [Hob89]. Rate [Bau58b, Ked79, Cha00a, KSY14]. Rates [Bry82, DW64, JMS6, MM68, Sta56]. Ratio [FE76, CL11]. Rational [Bas58, Hen59b, Kun76, Luk57, Mac69,Mac69, Ral63, Sik61, Sto64a, BT07, Vaz12]. Reach [ADLS94]. reachability [Tho04]. Reaching [LDP+86, PSL80]. Reactive [VV12, PM06]. Read [AHK93, CCF84, HV07]. Read-Once [AHK93]. Read/Write [CCF84, HV07]. Real [BLT93, CW65, Col71a, EV62a, EV62b, Fsh65a, FMR72, Gal81, GH68, GMvN59, Hei71, Hol62a, Isr57, La 64, LS81a, LL73, Man67a, MC70, Oya87, Ros67a, Ros68, Rub55, Sch64, TW61, Ukk82, Wan74b, Yak76, von56, Bas99, KT99]. Real-Time
Relativizations [XDB83]. Relativized [Ko90, Rac82]. Relativizing [LS86].
Relaxation [JM60, JV01], relaxations [Sku01]. Relaxed [Svn+13].
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Relaxation [JM60, JV01]. relaxations [Sku01]. Relaxed [Svn+13].
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Reliable [AAF+94, FLMS93, BPC+12, CT96]. Remainder [Col67].
remaining [AB03]. Remark [Sch68, Yas67]. Remarks
[CM57, Mor60, Nag61, dV59, Liv60]. Remote [Boy05, Gav71]. Remanage
[Sla67]. Renaming [AACH+14, ABND+90, Lew78, CR12]. Renamings
[Log78, Log79]. Reparable [LM94b, dG89]. Repeated [Gra55b, LR81].
Repeating [NR94]. Repetitive [RC69]. Replacement [ADU71, OOW99].
Repetitive [RC69]. Replacement [Boo78, DST92a, DST92b, GB69c, GB70, HR63b, HR63a, MM84].
representative [Lib01], represented [BBB+00]. Representing [Pfa75].
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[Spi69, Win65a, Win67]. Requirement [RS67, Van79]. Requirements
[BJL+82, CE72, GM70, Har67, Kar67]. requires [Lee02]. Requiring [CR56].
Research [Baz57, BK77b, Min67, Gra03, Hoa03]. Resequecing
[BGP84, JMG93]. Residue [Kam87, Pap87]. Residues [Sho81, Wil91].
Resolution [AB70, And68a, And68b, BE97, CS88a, DH86, Dix73, GFL87,
HR78, Joy76, Lee72, Man67b, MR87, Raz04, Rei71, Rob65, Sla67, Sla70,
Urq87, AAF+01, BG01, GMP800, MP98, SW01, BSW01]. Resolve [GW85].
Resolving [BCW85]. Resource
[Dal73, Jaf83, KIM81, Llo82, AAPS96, BNBYF+01, KKD04]. Resources
[TW88]. Respect [Leh57]. Response [Bro82, IS78]. responsibilities
[Hal00]. restaurant [BGJ10]. restless [GMS10]. Restricted [PY82].
Restriction [WL85]. Restrictions [Mey88]. Restructuring [MP76].
Result [SW82, Wan78, SW01, WB97]. result-checking [WB97]. Resultant
[Bar60, CE00]. Resultants [Col71b]. Results
[Ble66, CM85, Di 73, GJ78, Gen78, GK84, Har63b, HS87, Hu69, Jai15, JS82,
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Van67, AAF+01, Bas99, CN06, Has01, MMHW97]. Retiring [Hou57].
Retrieval [AF77, ACDF78, Bak62, BBH+87, BK77b, CC76a, CC76b, Coo64,
Eli74, EF75, FP86, Gup79, HSTV14, MK60, Sal63, Sal73, Sta72, Sti61,
Win65b, YLC76, YL77, YLS82, CKGS98, MSS01]. Retrieve [Mor68a].
Retry [LS88], revealing [JMM+03], revelation [LOS02]. Reversal [Iba78].
Reversibility [BM70, DLT94]. Reversible [Ang82]. Reviews [Ano60,
Ham56b, Ham56c, Ham56d, Ham57a, Ham57b, Ham57c, Ham57d, Ham58a,
Ham58b, Ham58c, Ham58d, Ham59a, Ham59b, Ham59c, Ham59d, Ham60].
Revised [DHN96]. Revisited [EH86, Min82, Szp90, CGH04]. Rewrite
[GNP99, HWW90]. Rewriting
Richardson [Fra60]. Riemannian [CGOS13]. right [MLS76]. right-context [MLS76]. rights [Hal00]. Rigid [GNRS92]. Rigorous [KMP\textsuperscript{+}12]. Ring [ASW88, Fit60, FL87, Wan93]. Rings [AAHK94, LPR13, DMR08]. RNA [Sha67a]. Road [Doy61]. Robin [Ras70]. Robots [Mnr55]. Robust [CLMW11, DFSL14, FK15, Jay97, Rab94]. Robustly [ABND95]. Robustness [Rut15, Sur83]. Role [RW88, Sal70]. Romberg [And66]. Room [KR76]. Root [Leh74, Mou65b, Wee60]. Root-Squaring [Wee60]. Rooted [Gre73]. Roots [BJ66, Brz67, MM75, Mou65b]. Rosser [MNO88, DKRW15, Ros73a, Set74, Set75, Sha88, Toy87]. Rotational [Hou58b]. Rotations [PT57, Zer85]. Round [Dou59, KL70, Ras70, SD83, BPC\textsuperscript{+}12, CS99]. Round-Off [Dou59, KL70, CS99]. Round-Robin [Ras70]. Rounding [BGRS13, GKPS06]. Rounds [Bra87]. Route [Pol64]. Routine [Bas58, Lyn69, YL57]. Routines [Eld59]. Routing [BB95, BBBL95, CK95b, DEP10, GK94, GN94, GL88b, Haje83, MP68, NS80, PU89, Tow80, Upf92, ABNC\textsuperscript{+}96, AGH00, AFGZ05, AAF\textsuperscript{+}97, BOG02, BRSU97, BFU01, HW04, JSM03, RT02]. row [vD95]. row-convex [vD95]. RS [ER64a]. RS-Machines [ER64a]. RSA [BF01, HN04]. Rules [GNP\textsuperscript{+}93, HWW90, NaN89, Ral59, UV88, MR10b]. run [WB97]. run-time [WB97]. Runge [But67, But79, BL66, Car58, Cas75, Cas76, Fro61, GR60, Gru70]. Running [Got54]. Runs [TRA71, Wei55]. Russians [Mye92]. Salesman [Bel62, BH74, CNP85, FN93, GG78, MTZ60, PB89, Ar98, BFJ\textsuperscript{+}03]. Same [CCS14]. Sample [CBDF\textsuperscript{+}99, RC86, Wil91]. Sample-efficient [CBDF\textsuperscript{+}99]. Samplesort [FM70]. Sampling [Bay72, Dav77, FM70, RV07, ACK99, BYG08, CMYZ12, DT07, SVV07, Ven10]. SAT [NOT06, PPSZ05]. Satisfiability [DV14, FK15, Pla04, Sch78, ANP07, BFG08, FLMV05, GW95]. Savage [DFPP02]. scaffolding [HRM02]. Scalable [KS11]. Scalar [Was81]. Scale [ABDCBH97, DK65, Kau71, Pea69b]. Scale-sensitive [ABDCBH97]. Scaled [FL74]. Scaling [GT91, Gia64, Lam82, Ske79, BKP07]. Scan [One75, RR64]. Scanning [Bau58b]. scenario [CSV07]. Schaefer [BP15]. Scheduled [Co69a, Co69b]. Schedules [AC81, CT81, DVSC77, Man67a]. Scheduling [AZ05, BLT93, BBD\textsuperscript{+}15, BL99, CG93, DJ81, FK85, Gab82, GJ76b, GS76, GS78b, GJS0, HS87, HS76, HLS77, IK77, KM22a, KN81, KSS75, KSS77, LL78, Len93, LL73, Llo82, Mar82, MS11, MC70, NJ57, PTW88, PK80, Ras70, Rei08, RY91, Sah76, SC80, Sev74, She77, AFGZ05, AAF\textsuperscript{+}97, BNBYF\textsuperscript{+}01, BL04a, BGM99, CN06, KMS09, MSU99, SSS06, Sk01]. Schema
Sequences [AG86, AM78b, Ata94, BB58, Boy89, Bro65, Bur76, Cer58, Cha66a, Cha69a, Col67, Hab70, Ort60, Pet15, RV78, Sha67a, AGH00, BP03a, KR14, Niv10].

Sequencing [Bru76, BDF81, Hel61, Sch61].

Sequential [Apt83, Bel60, BDF81, Hel61, Sch61].

Serving [Men65].

Server [BBMN15, BG00, KP95, SS06c].

Servers [vdLL86].

Service [BGH+95, BDF81, Del70, HM72, Hof84, KM72b, KW76, MM86, PTW88, Pri76, SB82, Sev74].

Service-Time [SB82].

Serving [Leu93].

Set [Abd71, Ata94, BRK74, BKST78, CBHH61, CF59, FOS14, GW90, Hsu88, KW85, Kir81, KLP75, Lew78, Pac10, Rei72, Rit63, SK73, Tar75, Tv84, WH73, WRC65, Zol74, AFINO4, Bu06, CeLT00, CLL+08, Fei98, FCB08, GK96, GG13b].

Set-Manipulation [Ata94].

Set-theoretically [FCB08].

Sets [Bar65, Bra67, Bro64, CK95a, Cha69b, CH91b, CS83, Cul79, Di 69a, ERR81, GNP+93, Gin61b, GH64, GH86, HW74, Lyn75, Mar76, Mat82, MP66b, PS81b, Ros70a, Ros94, Sch68, Sla72b, WLS85, dV71, AT07, KSW09, SSS96, WR03, Zwi02].

Settling [CDT09].

Several [Ber69, KSS75, KSS77, NT93b, She59a, Wi62].

Shape [CDOY11].

Share [LTV96, UW87, BS59, BB59, DK59, GK59, MS59, She59b].

Shared [AAD+93, BJL+82, CK68, ES76, KU88, KS83, KMT2a, KN81, Kne93, KW66, Ras70, AGMT95, BF01, Cap02, DHW97, FKL98, HV07, JCT98, Kle67b, SN04].

shared-memory [Cap02].

Sharing [Adi69, AAI69, Adi71a, Adi71b, AGOW66, ABND95, Bab75, BN71, Cof68, CMT70, FMI80, Fra69, HP72b, KM72a, NBC72, Rab94, She67, WYCF14, GKPR07, RS09b].

Sharp [Pet15].

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Shifting [BE62, BSP82, Jen73, PV76].

Shop [CT81, GS76, KSS75, MS11, Rö84].

Short [BSW01, ES15].

Shortest [AMOT90, BMPT91, BLTY94, CGS15, Fre91, GYY80, Joh73, Joh77, MP91, OR90, RS94b, SR94, Wag76, WW73, Yen72, AHPSV97, AMS05, BSS88, Cuh00, DL07, DI04, Kho05, PSSZ13, Tho99, Zwi02].

Shortest-Path [OR90].

Shot [HHPW14].

Should [Yao81b].

Showing [Dil89, Jaz81].

Shrink [HHHN14].

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side-chain [XB06].

Sieving [Wun67].

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Signature [MMR15].

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Significant [Kan65, KMP+12, Man79b].

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Similar [AC81].

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Simpler [Dil89, Jaz81, GKPR07].

Simplex [AM85, DHM65, Mul78, ON68, ST04].

simplicial [DG98].

Simplicity [Cha69b].

Simplification
[Beu70, BN62, Col87, CS88b, DPRS89, Flo60, Flo61a, FM70, Fri56, Goe61, GK96, Goo11, Hie63, H59, Hor75, Hor78, IS56, L675, Liv60, Mac66, Man79a, MM89, MP75, Ng59, Nag61, NS82, NV95, Tar72, FCFM00, FG05, HP99, KLOW00, Tho07]. **sorting-complexity** [FCFM00]. **Sound** [Rei86, SAKS64]. **Soundness** [Bau85]. **Source** [AFGZ05, Kam82, Lov77, Sch64, The99]. **Source-to-Source** [Lov77]. **Sources** [Par79, Par80, Kle99]. **Space** [AMM09, BG15, Con91, DEL80, DM81, DG62, ET76, GS90, HHPW14, HSTV14, HPV77, Hor78, Ja83, LT82, LS80, LED76, Log79, Lyn77, McC76, PU89, Pip78, Rei80a, Sav84, ATSWZ00, BSSV03, CRS01, FCFM00, FG05, HP99, KLOW00, Tho07]. **Space-Economical** [McC76]. **Space-Ecient** [HSTV14]. **Space-Time** [DEL80, Log79, Sav84, AMM09]. **Spaces** [HHHN14, MP71a, MP71b, Smi71b]. **span** [VJ00]. **Spanners** [ES15, FKRV15]. **Spanning** [Hwa79, KKT95, PY82, SL15, Sup83, ACK08, Cha00b, CHL01, HdLT01, PR02]. **Sparse** [BB886, CEG86, EGGH2a, EGGH2b, FKS84, Giri86, GLW70, Joh77, Kami87, LS86, Lyn75, TY79, Wag76, CE00, CFM10, DKT13]. **Sparser** [KN14]. **Sparification** [DV14, EGIN97, AY13]. **Spatial** [KKD04, BKL06]. **Special** [MW86, ZL85, LV09, VV09]. **Specific** [Pet62]. **Specification** [AV89, Ehr82, GB92, Hem64, McL84, HV07]. **Specifications** [Lei64, BT95, BG96]. **Speech** [SAKS64]. **Speed** [BKP07, BC54, Cha69b, Den58, Fra61, GFL87, KP00, Leb56, PT57, Rub15, TWS80, AZ05]. **Speedcoding** [Bac54]. **Speeding** [Blu71, EGIN97]. **Speedup** [CN95, CHK82, LR79]. **Sphere** [CKM14, MTTV97]. **Sphere-Packings** [MTTV97]. **Spherical** [CU59]. **Split** [SS06a]. **Split-ordered** [SS06a]. **Sporadic** [BBD15]. **spreading** [ENRS00]. **Square** [AC55, BR71]. **Squares** [DLN73, Mad66, MP70b, Osb61, Ple74, Rit63, CJK06]. **Squaring** [Wee60]. **Sri** [Mul11]. **st** [BK09]. **st-flow** [BK09]. **Stability** [BW91, Cha62, CL62, CK65, Ema63, Esc60, FGL77, GGMM88, Kar68, Kro66, MR59, MR60, OWA91, Rah70, Sche79, Wil59a, Wil59b, AAF+01, BBG13]. **Stabilizability** [OWA91]. **Stabilization** [Man67a]. **Stabilizing** [JRS+14, DW04]. **Stable** [Bui79, Con57, CI74a, CI74b, DG71, FOS14, Gil65, Ham59e, Hor78, Ig76, Ind06, ILG87, Mow67, SK78, SB73]. **Stack** [Aho69, BL75, ESvl80, GHG67a, GHG67b, HS71, Ull69]. **Stacks** [Tar72]. **staged** [DP01]. **Stages** [But67]. **stall** [AGL00]. **Standard** [BH74, Got95b]. **Standardized** [Gor57]. **standards** [BOG02, Mey65]. **Star** [Brz67, Mey69]. **Star-Free** [Mey69]. **start** [Via10a]. **Starting** [Alo60]. **Starvation** [Sta82]. **Starvation-Free** [Sta82]. **State** [AF67, BZ83, Cur63b, DS92a, DS92b, Gin60, HHHN14, Hib61, Liu63, Liu69, LM94b, MH89, MM86, Tow80, Wat61, CSV09, OG96, PD98]. **State-Dependent** [MM86, Tow80]. **Statement** [Lam86b, Rem81]. **Statements** [BK79, Eld59]. **States**
Static \cite{AG73, Eli74, HMSS01, TT85, YR64, BP03b, CCM12, McA02}.

Stationary \cite{Was80}.

Statistical \cite{AG73, Eli74, HMSS01, TT85, YR64, BP03b, CCM12, McA02}.

Statistically \cite{KMP12, FSV06, Hal02}.

Statistics \cite{KMP12, FSV06, Hal02}.

Steady \cite{LM94b, Steiner}.

Stealth \cite{BHM11, BGRS13, Cha72}.

Steering \cite{BHM11, BGRS13, Cha72}.

Steering \cite{BHM11, BGRS13, Cha72}.

Step \cite{AACHE15, BKT67, Car58, KT68, Pic64a}.

Step-by-Step \cite{Pic64a}.

Steps \cite{AM85, Wag97}.

Step-by-Step \cite{Pic64a}.

Stepping \cite{AM85, Wag97}.

Stepping \cite{AM85, Wag97}.

Steering \cite{BHM11, BGRS13, Cha72}.

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**Dolev:2014:FTA**


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case. For completely asynchronous probabilistic algorithms, the problem is avoided since termination is only required with probability 1. See Section xxx for an example of such a probabilistic algorithm for asynchronous Byzantine agreement.


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Gill:1965:ASS


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Galil:1999:FDP
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Garey:1976:CNO


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Gonzalez:1980:NAP


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the question: Is \( P = Q \)? If the domain of the variables is an infinite field such as the integers, then they show that there exists a polynomial-time probabilistic algorithm to solve this problem. If the domain is a finite field, the problem is shown to be \( NP \)-hard.


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Phuong:1976:SIP


Pickard:1964:TSS


Pickard:1964:TGS


Pickett:1967:NCA


Pietrzykowski:1973:CMS


Pippenger:1978:TST


Pippenger:1989:ICM

Inductive inference machines construct total recursive functions \( \phi(x) \) given examples of the input and output of \( \phi \). Probabilistic inductive inference machines are permitted coin tosses while constructing \( \phi \), and are only required to construct \( \phi \) with probability \( p \), \( 0 < p < 1 \). This paper shows a discrete hierarchy of inferability parameterized by \( p \), for \( p \leq 1/2 \). Any machine that can be constructed by probabilistic inference with \( p > 1/2 \) can also be constructed deterministically.


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Rosberg:1976:MQE


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Ramakrishnan:1980:STC


Ramachandran:1986:DML


Ramshaw:1988:EGT


Raney:1958:SF


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Ross:1975:CSE


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Reiser:1981:CMV


Rodrigue:1979:OER


Robinson:1963:TPC

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Raz:1992:MCM


Rathmann:1994:CHS


Ross:1991:OLB


Rao:1965:MMA


Sacca:1985:CDH

Sagiv:1980:AIM

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Stefankovic:2009:ASA


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