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Title word cross-reference

#NFA [ACJR21].

$(2 + \epsilon)$ [BYCHS17]. $(\Delta + 1)$ [Bar16, BEG22, HSS18]. $(s, t)$ [ATSWZ00]. 1
[HV95]. $1/2N^3$ [Yen72]. 2
[AF67, Cha10, CL16, DG16, GR79, HMZ13, HdLT01, Lar76]. 3
[Bul06, Cha10, CNP85, KT17, KPS19, SS13, Shi10]. 3/2 [TV19]. 4/3
[Bui79, SB73]. $A^*$ [MP10]. $AC^0$ [Bra10]. C [Sla72a]. $\cap$ [AR05, FGHS23]. $\Delta$
[Bar16]. E [GNRS92]. $\ell_1$ [BC05]. $\epsilon$ [AKN+08, GW21, RA20]. $\exists R$
[AAM22]. $f(z)$ [RS63]. $f(z) = 0$ [War57]. $g$ [HI92]. $H$ [DFHT05]. $J$
[CT81]. K
[OOW99, AMR11, BBMN15, BG00, BP03a, CK95a, CeLT00, CGH+05,
FGYZ21, Gui78, GLL22, HSTV14, JV01, KLM19, KP95, Lin18, MLS76,
Mol18, ORSS12, PPSZ05, YR78, KIM81]. $k + 1$ [YR78]. $K_m$ [vdLL86]. L
[Bui79, San65]. $l_1$ [KV15, Abd71]. $L_p$ [Lee80]. $\Lambda$ [Gri68]. $\ln n$
[Fei98]. $\log^* n$
Approximation [BYCHS17, RA20]. -ary [Gui78]. -Automata
[BBMN15, DG16, BG00, KP95]. -Biclique [Lin18]. -Body [CK95a]. -center [CGH⁺05].
-CNFS [FPPR22]. -Colorable [KT17]. -Coloring [Bar16, HSS18, BEG22].
-Colourings [Mol18]. -Complete [SG76, AAM22]. -Complexes [GR79].
-cut [GHL22]. -D [Cha10, Shi10]. -Dimensional [Mey84, Mey88].
-Domination [Sla76]. -Edge [CNP85, HdlT01]. -element [Bul06].
[CT81]. -Means [AMR11, ORSS12]. -Median [JV01]. -metric [Lee80].
-Minimal [CT81]. -minimal-free [DFHT05]. -Module [Wan93].
-Nearest-Neighbors [CK95a]. -nets [AKN⁺08]. -Node [WW73, Yen72].
-path [TV19]. -Player [HMZ13]. -Process [BJL⁺82]. -Resolution [Dix73].
-SAT [FGYZ21, PPSZ05]. -Sequence [CH84]. -Sequences [AM78b].
-Server [BBMN15, DG16, BG00, KP95]. -set [CeLT00]. -Stable

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

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

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

3-query [Yek08].

407 [Boy57].

50th [Hal03].
A* [Dav90, DP85, SW91]. Abacus [Li59]. Abbreviating [BF61]. 
Abduction [CDOY11, EG95]. abductive [EM07]. ability [NS06a]. 
Absence [KBI'17]. Absolute [CK65, Gab16]. Abstract [Ehr82, LR72, 
MeL84, Mil83, Ove66, BT07, CCM12, GRS00, NOT06, GB92, Hue80]. 
Abstraction [EPT18, HHHN14, Imi91, vW96, BN01, CGJ'03, DW99, GS07, SP07]. 
Abstractions [ADH15]. Academy [Leb56]. ACC [Wil14]. Accelerated 
[HST76, ST72]. Accelerating [Fox70]. Acceleration [Tro84]. Accept 
[Ste67]. Acceptable [Sch68]. Acceptance [BR54, Gra55a, Hen85]. 
Accepted [Gin61b]. Access [BFGY19, Bsh93, ER64b, FKS84, GS69, GW85, GFL87, GS73, Low68, MY79, 
Mey85, Rei87, SS79, Sch88, Tobs2, Tra63, AW08, BSEP09, HHR97]. accesses 
[GHS09]. Accessing [BK71]. Account [Oet57]. Accounting [Tre54]. 
Accumulation [KL70]. Accuracy [KS75, Ra59]. accurate [XB06]. 
Achieve [Ra59]. achieving [DMR08]. Ackermann [Cha00b].
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[Ano79, Graf77, Hou56c, Alt03, Ano68, BJR59, Sal70]. Acquisition [SH22].
Action [LS95]. Actions [Set82]. Activity [SD62]. Acyclic 
[BMT89, BMG83, San88, DGP07, GLS01, Ott12]. Acyclicity [Fag83]. 
Adams [Al60]. Adaptation [Pea68]. adapting [AF03]. Adaptive 
[CK95b, GN94, Hol62b, LR79, Lyn69, PGL76, Ric75, SVV09, CST'18, KS11].
Addendum [CH88, EV62a]. Adding [AM09, MS16b, WL85]. Addition 
[BET'21, Win65a, YSS78]. Additional [Len93, BB64]. Additions [Yen72].
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[Car57, Elg54, Eli74, Flo60, Hou56c, Hou57, IS56, Lip57, PK87, TTK66]. 
Addressable [Ros72]. Addressed [Kau71]. Addresses [BAG92].
Addressing [AGOW66, Tra63]. Addressless [Bli72]. Adjacency 
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Adversaries [HT93]. adversary [KS11]. Adverse [Mad66]. Advice 
[LV21, CBFH'97, PM06]. AdWords [GML15, MSV07]. AFA [GG72].
AFL [GH70]. After [GM56]. Again [Sz90, de 83]. against [BKN14]. Age 
[Got03]. Agents [DHK19, GH23]. Aggregate 
[Klu82, RSG05, CNS07, HLNW01]. Aggregated [Ste83]. Aggregating 
[ACN08]. Aggregation [CS85, Kan83, Van78, Van85]. 
Aggregation/Disaggregation [CS85]. Aging [Via87]. Agreement 
[ADLS94, BCP20, DR85, DLP'86, DRS90, KS16, CeLT00, KS11, LLR06].
Agreements [PSL80]. Ahead [San69]. AI [Red03]. Aid [KH64]. Aided [BT69, GR74]. Aids [Pra60]. AIMD [WSY+19]. Aitken [GL64].

Aitken-Hermite [GL64]. Algebra [BHK90, GTWW77, Klu82, NB95, Sal66, SV85, Wi62, Yeh68, YR64, KJJ03, LW08]. Algebraic

[ACPS93, BBKO21, BHR84a, BG15, Bra67, BIZ18, DSS22, ES17, FL18, GUK+16, GMM81, GX22, Hem64, HM85a, IW91, Ja73, KM20, KT78, Lan59, LKK83, LFKN92, LT93, Mar71, Pic67, vdLL86, BR96, IOT19].

Algebraic-geometric [GX22]. Algebra

[AGS17, BK72, GTWW77, Lin69, Mil79, Nip90, Ven87, WM74, BT95].

ALGOL [Bot62, BG70, GR62, GR63b, RR64, OR00]. ALGOL-Like [GR63b]. Algorithm

[AM85, AJS15, AGG62, ACW91, Bak77, BMPT91, BBN12, BBN15, BRK74, Bau85, BPS82, BCS92, BDS87, BVB+21, BLS92, Bro71, BT71, BT79, CKT0, CE92, CL16, CG86, CG70b, CK56, CF59, Deo76, DFK91, EHR84, ES17, El92, Fe84, FP94, FW74, Gab76, Gab82, GS7a, GM79, Gal82, GT88a, Gal95, GNP+93, Gil69, GJS80, GL88b, Goo11, GW76, GR79, GLW70, HW90, HPR15, Hi86, HW76, Hor75, HP76, HLS77, Hsu75, Hwa79, ILG87, Joh73, Jon62, KS78, Kam87, Kan80, KL86, KVT95, KW85, KIM81, Kri64, LH90, LP79, LS85, Le87, LP73, LS77, LM86, LB79, Man75, Man79a, Man79b, Man76, MP72, Mc76, Mey84, Moo67, Mor86, Mow6, MT69, MG72, Mul91, Mye92, NS80, OV20, ON68, Pag76, RA20, Rah70, Rei86, RPE81, RW88, RP99].

Algorithm [AJS15, AKS15, AGG62, ACW91, Bak77, BMPT91, BBN12, BBN15, BRK74, Bau85, BPS82, BCS92, BDS87, BB+21, BLS92, Bro71, BT71, BT79, CKT0, CE92, CL16, CG86, CG70b, CK56, CF59, Deo76, DFK91, EHR84, ES17, El92, Fe84, FP94, FW74, Gab76, Gab82, GS7a, GM79, Gal82, GT88a, Gal95, GNP+93, Gil69, GJS80, GL88b, Goo11, GW76, GR79, GLW70, HW90, HPR15, Hi86, HW76, Hor75, HP76, HLS77, Hsu75, Hwa79, ILG87, Joh73, Jon62, KS78, Kam87, Kan80, KL86, KVT95, KW85, KIM81, Kri64, LH90, LP79, LS85, Le87, LP73, LS77, LM86, LB79, Man75, Man79a, Man79b, Man76, MP72, Mc76, Mey84, Moo67, Mor86, Mow6, MT69, MG72, Mul91, Mye92, NS80, OV20, ON68, Pag76, RA20, Rah70, Rei86, RPE81, RW88, RP99].
All-pairs [PSSZ13].

Allen [KJJ03, NB95]. Allocating [Ros74, Ros75]. Allocation
[BCW85, BN79, BCS92, Bro82, CC76a, CC76b, DL56, DJSW19, GL71,
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[BT88]. Allowing [BC74, Rem81]. Allows [DV14]. Almost [AM94,
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Almost-Linear [Gab82, GS06]. Almost-tight [AZ08]. ALOHA [Tob82].
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Alternation [CKS81, PZ19]. Alternation [MN05]. Ambiguities [Gor63].
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[GU66b]. Among [FMI80, HU66, JMMW79, PF79, SY80, You77, CNS07].
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amplification [CKOR14, Cin07]. Amplifiers [GGG+17, HK55, HA56].
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Wad56, ZL58]. Analog-Digital [BW57a]. Analogs [Sha66]. Analogue
[Ehr59, Fis56, Jac54, LWS55].

Analyses [McA02]. Analysing [CG18]. Analysis
[ADW68, Abe68, AMR11, AM70, Bak62, BB77, BN71, BBH+87, BKK14,
BR15, BS89, Bur76, Bur78, CDOY11, CW65, Cof69a, Cof69b, CG86, CPT94,
CM57, CM67, Dad88, Dav17, Deb92, DI87, Doy65, EBA72, FHV91, Fio61a,
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PK79, Rah70, Ran66, Rao78, RL80, RL81, Ros79a, RT90, Sal73, San88,
S17, SAK64, Smi84, ST73, Sti65, Sur87, Trv84, TTK66, Vit83, Vit87,
Wad61, Wel61, Wil6, Win65b, WM74, You58, YL77, Zaf59, ZS99, AW08].
Analysis [AS13, BG01, CMLW11, CCM12, DP01, DGS01, EKL10, FGK09,
HMSS01, HRR97, LMW05, Man01, McA02, Pel98, RV07, SSS06, SRC97,
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Analytical [Har64, YDL93]. Analyze [JM77]. Analyzed [Kle66, JMM+03].
Analyzer [CF68, Les58, Wad54]. Analysing [AB05, Gof71, Hae16].
Anarchy [GT23, Rou15]. Ancestry [FK16]. and/or [Hum84, SL71, MB85].
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[AAHK94, ASW88, KM20, Tau22]. Answer [Nag61]. Answering
[CM87, Coo64, Koc69, Win82, AL08]. Antiferromagnetic [GVS15].
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Aperiodic [BMT92]. API [BFM+19]. Applicable [Lie59]. Application
[AM78b, BHK59, BG77, Bre70, CLRS86, Doy65, FM79, Gil63, GSV84, Jon02,
Kob74a, Kob74b, Mos58, Sag80, Sch61, Sup83, YR64, Zaf70, JRS09, SS06b].
Applications [AEK+12, BEG22, Bau58b, BKST78, BLMS97, CK95a, CW67, CK15, CDRS93, CGS15, EKLS20, FNFSZ23, FLPS16, FK16, Haj83, Har86, Har64, Hib62, HL87, HMR83, HS74, Huc80, JP84, Kob74b, KM20, MSM85, MO68, OMG76, ORP76, RC69, ST72, Tar79, Val15, Ver95, Yeh68, YW73, ANP+04, AZ05, AAF+97, BDG+13, CKL13, FG99, FLMM09, GSK99, GKPS06, GKS07, LNT97]. Applied [ABF17, BK77b, BFGL79, Jac54, RTW94]. Applying [Meg83]. Approach [AV89, AK16, BGP84, BL90, BBKO21, Bea72, Bea73a, BSLRZ14, Dav17, DST92a, DST92b, ER64b, FKR15, FM70, FG79, GMM81, GT88b, GS93, GPV89, HS66, KR77, KMP+12, KS63, Law64, MY80, Rot70, Sla72a, Tar81b, TG82, WYCF14, AT10, AL05, BNP+01, BLR13, BPU01, Dar03, DI04, Drn03, FGK09, FGF00, GE01, KKS09, KMP09, KVW00, RV07]. Approaches [BM85, BK72]. Approaching [GKKS14, HS21, TV19]. approximability [DJKK08]. Approximate [AAGT15, Bab16, CLRS16, CRY70, DL+86, FNS21, Gel75, HS76, Hou58a, KMS98, KS75, KPW18, LPSP15, MS19, Moi19, OV23, PKT90, Sah75, TZ05, Wig83, AMS05, AM+98, AMM09, Cha00a, CGH+05, Mye99, Tho04]. Approximated [PW93]. Approximately [BILW20, Hab70, LOS02]. Approximating [AHPV97, AHP04, BEG+21, CDG+20, CDPP14, CR86a, CVH65, DFK91, EKLS20, GJ12, LY94, MS11, SL91, Sau96, Sig67, SL15, You56, BNP+01, BEP09, CRS01, FGL+96, Fei98, Kho05]. Approximation [Abd71, AHPW19, Bak94, BYCHS17, BHM11, BC61, BLTY94, BHK94, BH65, BRS13, Cha16, CLTZ18, CL16, CW17, CAFS21, Con57, Cru76, CF59, DDFS14, DJSW19, DP14, Dun74, EDA22, FLS18, Fre79, GLH57, GMS10, GKR07, HM85b, HS86, HS87, IK75, JV01, KL70, KMS98, KS75, KPW18, LSS15, T205, WIG83, AMS05, AM+98, AMM09, Cha00a, CGH+05, Mye99, Tho04]. Architecture [Val00]. Architectures [HRS88]. Arcs [Ros73b]. Area [BB95, BK81, BK82]. Area-Time [BK81, BK82]. Area-Universal [BB95]. Arguments [EFKP22, Ked79]. Arising [Cry71]. Arithmetic [Alt88, AAB17, AM59, Ash64, BL19, BSZ65, BZ74, BFGL79, Cha90b, CGL+92, CS83, EV57, Erc60, GL70, Hei71, KL73, Kan65, Mat90, MP76, Pap87, Par55, RR64, RZ65, Raz13, Rei87, SU70, Sho79, Win75, HV01]. Arithmetical [Jef56, CM57]. Arithmetics [Wad60]. Armstrong [BDFS84]. Arrangement [Riv78, Yan85]. arrangements [ANP+04]. Array [AK84, DS78, Fis65a, Fra76, Fre82a, Kau71, JS80, KSB06]. Arrays [GE84, KA88, Ros74, Ros75, RS77, WAI67]. Arrivals [Adi73, Del70, SB82]. Arrow [Vaz12]. Art [AAM22]. Arthur [HM13]. Article [Tar17a, Tar17b, Tar17c, Tar17d, Tar17e, Tar18a, Tar18b, Tar18c, Tar18d, Tar20a, Tar21a, Tar21b, Tar21c, Tar21d, Tar22a, Tar22b, Via11b, Via12c,
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Brouwer [CD08]. B¨uchi [CH14]. Bucket [Tra63]. Buckets [BK77a, DR03]. Buddy [PS70]. Buffer [BGH+95, GL71, Hof77].
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Case [Cha90a, CM89, FKS84, Fri63a, GW85, GS90, HRST17, Mot94, Ros83, Tv84, TSG85, DPK98, JLV90, LBS09, NPPR18, SSS06]. Cash [Bui77].
challenge [Ho10], challenges [Bro10, Cor10, Fei10]. Change [CG70a, EHR84, Wri75, Rag10]. Change-Making [CG70a, Wri75].

Changing [CG70a, EHR84, Wri75, Rag10]. Changing [CG70a, EHR84, Wri75].

Channel [BFGY19, BBBL95, FGL77, GK94, AZ05]. Channel-Access [BFGY19].

Channels [AA10, Che19, GW85, GFL87, GS16, MS92]. Chaotic [LM86].

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Chern [Chu61, CS88b, Cur59b, FU82, Gil65, GVW15, HRST17, IKL19, Lei57, LM93, Liu63, RW92, RVW18, Rub74, AAF97, AACH12, Bra10, SS13].

Circular [dWF58, RS90]. Circularity [Dil89, Jaz81].

Circulation [RS90]. Circulation [GT89]. Circumscription [KP90, RWM94]. Clairvoyance [KP00]. Clairvoyant [IKM17]. Clamped [AC55]. Class [AM78b, Bak62, Cas75, CC95, DG84, Di 69b, DCKT92, ES86, GK88, HP66, Har64, Hir58, HD73, KS66, Mat81, Ove74, PTW88, SU82, She57a, Win65b].

Classes [ACJR21, Bar65, BCMP75, BY73, Boo78, CF12, Di 73, DSS22, ESvL80, EG85, FMI80, Har63a, Hb61, La 64, LR72, LED76, LS86, MY16, Ros69, Rus82, SPM78, Sud75, Tor91, XDB83, Yu75, Har03].

Classical [GS57, SS17, Yaa03, van72, NS06a]. Classification [BB63, BB64, Doy65, Meyer65, San65, KT02]. Clauses [Fag82, Lew78, NM90].


Clique [ABD10, BBD10, DP22, Reig08]. Cliquades [FGR10, MC72, FGL10]. Clock [DHSS95, LR19, ST87, DW04, LL10].

Clock [ILP97]. Closeness [FBR10]. Closest [Val15, LW02].

Completely [Hab70]. Completeness [AB70, Bau85, BE97, CS71, Dav77, GJ78, HWW90, HL76, HR91, Kap68, LF88, SW82, VA9G97, WRC65, MS19, SW01].

Complex [GHS75, SSS06]. Complex [ABL80, BIW63, CC17, Lyn75, Pen65, WS76, Wil78, PD98]. Complexes [GR79, BER06, DG98]. Complexities [Alt88, Elk20a, FZ77, HU68b, Iba72, MP75]. Complexity [AVV97, AP93, AHU76, A189, ABB+17, ABDH+20, AACHE15, AACHE18, Awe85, Bab16, BY73, BSLRZ14, BSKK+16, BKK+18, BP89, Bhu67, BR23, BG15, BD87, Bor72b, Bor72a, BK81, BK82, Bsh93, CC17, CV17, CM85, CF12, CYZG14, CPY17, CST+18, COW16, CS77, CR86b, CV95, CS99, DIl89, EG95, ESY85, FGH523, FNSZ23, FT88, Fre81, Fre82a, GJ76a, Gat83, Gen78, GL76, GS93, GW21, G84, GLPR21, GHKL21, GP18a, GI81, Har68, Har69, HH71, HHPW14, HZ16, Hod70, Hun82a, Hun84, HK77, IKL+19, Ja84, Jai15, Jaz81, JS82, JM78, KB89, KKG+22, KNY19, KMRZS17, KP96, KPP+15, LR72, LS81b, Lin18, LS86, LT93, MA17, MSY81, MT55, Mar85, MM81, MHG+88, MP65, MP66a, MT19, MM85, Mor73, Mor75, MGLA00, OKSW94, Pap76].

Complexity [ Pap81, PY82, Pap84, PF79, Pip89, Raz16, Rot17, SLM19, SH88, SSMF78, Sc172, SSSU83, SC85, SV85, Sud75, Sud78, TZ16, Tiw87, Tor91, TW79, TS95, Weg77, Weg88, Wi70, XDB83, Yan79, AGHK09, BPC+12, BG01, BR96, BK10, Bu113, BL04b, CSV09, Cha00h, CDT09, DMR08, FCMM00, FHS98, FK13, GLS01, GKPS05, Gro07, Har03, HLP99, JLV00, JS96, KZ13, McA02, MP796, MMHW97, Mul11, NR09, Raz03, SM02, tCL09].

Components [CH14, DST92a, DST92b, HW90, Sam81, CLMW11].


Compressible [JS96]. Compressed [FM05]. Compressing [FLMM09]. Compression [ABDH+20, BZ23, BW94, G885, Kor58, LIWZ21, MY16, RPE81, SS82, Tr79, ABE+02, BFG03, FGMS05, VK96]. Compromise [KG74].

Computability [ABL19, SS63, TNS82, ZW03, HS99]. Computable [ABe68, CG67, Ste83, BT95]. Computation [BKS15, Bau56, BW57a, Br71, CM85, CDRS23, Col71a, Da73, DVSC77, Dy86, EV62a, EV62b, Fiki59, FLPS16, FJ60, Gab16, GS22, Gau61b, GKR15, GHKL11, HS55, Ja80, Kap68, KZ93, KM16, LF80, Lar76, LV57, LY89, LT93, Mac55, MST93, Meg83, MY84, Mor75, Ove66, PS80, Roc94, RVW18, Smi71b, Yao82, AM07, BSSV03, DP01, GN08, In06, Val00].

Computation-Universal [Sm171b]. Computational [AVV97, BT7a, Har86, HH71, HZ16, KS63, KP90, MW84, Par61, PV88, Pra60, RKN75, SK73, Sav72, Sri65, Sri76, TM73, Wil70, Fei03, HLP99, MMHW97, RS00, Bor72b].

Computationally [GS16]. Computations [ABe80, An57, BBE70, Bau85, BL79, BP89, Bl72, Fri62, Gen78, Giv58, G84, HH63, Har68, Hen64, Hen56a, Hen56b, Hun84, JS82, KRR22, KMW67, KM20, MS19, MST91,
ME67, Mát90, NJ57, Pyl64, 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, Co69a, Co69b, Den61, Den58, Den65, EV57, EV62a, EV62b, FH80, Flo60, Flo61a, Fri63a, Fri56, GS83, Gav67, Gel75, Gla57, Gol57a, Gol57b, Gol57c, Gol57d, GL70, GR74, Got54, Ham69, Hol62a, HR63b, HR63a, HY77, Isr57, KS78, Kam80, Kob74b, KSS75, KS77, Lan59, Lat81, LS88, Lei57, LNSW59, LY61, Les58, LS71, Lie59, LR65, LKK83, LM94b, Mae77, Mau66, MC74, MO56, Mil75, Min70, Mos58, Neu54a, Neu54b, Neu54c, Neu54d, Neu55a, Neu55b, Neu55c, Neu55d, Par55, Per56, PPV60, Pri76, RS66, RS67, Rob63, RY91, Row57, SM64, SL68, Sal72, SGR75, SAKS64, TT85, Til58, Tiw87].

**Computer** [Wad56, Wal61, Wil62, Wun67, dG89, Bro03, Val03].

**Computer-Aided** [BT69, GR74]. **Computer-Feasible** [Wal61].

**Computers** [ABV60, BC54, BR54, Coo71, CU59, Dub66, Gol82, Har64, HST76, HI59, Jac54, Lip57, Mul59, NS80, Rub55, Sch64, Sch66, Swi57, Wil68, Wir68a, Wir68b, CRS01, KP02, Lam03]. **Computing** [AGMT95, ASV06, Ano68, Ano74, ASW88, BNN94, BIW63, BCL19, CKM+14, Cha66a, Cha69a, Cha69b, Cor63, CM57, DP60, DL19, DG98, DH59, Elg54, Fra65, Fre82a, Gal82, GF60, Gus83, HS74, HS75, JP84, Jef56, LW63a, LW63b, LS87, LM86, LM94b, OD67, PR08, Ric74, Sho81, Wan57, Wil78, Wil83, Zad72, ALS09, BP03b, CDT09, EM07, FP13, Hoa03].

**Concave** [EGGI92b, VY11]. **Concavity** [DLT94]. **Concentration** [Men15].

**Concept** [Sti73, Svo75, WRCS67]. **concepts** [BGM+98]. **Concerning** [And68a, GI65, Iba72, Lio71, Men65, Ptc67, PT57, Rob74]. **Conclusions** [GM56]. **Concurrency** [BC14, BBG89, DH94, HM54a, Her90, HH94, Klu83, Pap82, Pap85, SVN+13, YDL93]. **Concurrent** [ACHS16, CRR18, DH94, HM54a, Her90, HH94, SVN+13, YDL93]. **Concurrent** [BCW85, GW85, GFL87]. **Confluence** [CHL96]. **Confluent** [Boo82, Hue80, CHL+07]. **Conflict-Free** [LR78]. **Conflict** [LR78]. **Conflicts** [BCW85, GW85, GFL87]. **Confluence** [CHL96].

**Conditions** [AGHR17, Bon70, Bra77, Bri90, Chu61, CD60, Ern69, Gav71, Gla91, HW67, Mad66, Mit72, MRR03, Ats04]. **Conductance** [CGLP18].

**Conference** [Ano57, Giv58]. **Configuration** [GE84, KS78]. **Configurations** [Ehr73, SS13]. **confinement** [BN05]. **Conflict** [LR78]. **Conflict-Free** [LR78]. **Confluent** [Boo82, Hue80, CHL+07]. **Conformal** [Rab66]. **Congested** [DP22]. **Congestion** [CL16, ARV08, AZ08, CN06]. **Congruence** [NO80]. **Congruences** [LV57]. **Congruential** [ADH63, DKRW15, HD64, W677]. **Conjecture** [CMS20, CR86a, CG93, GOS13, KV15, Kor89, KP95, KMR95, Was51, Zhu20, HN07, ZM22]. **Conjunctive** [AGK+17, BFGP20, GKS06, GLV12, Klu88, Mar13, ADK06, CNS07, DS12, GL01]. **Connected** [AK84, DST92a, DST92b, HW90, KA88, Mae77, NS80, Sam81]. **Connected-Component** [DST92a, DST92b]. **Connecting** [LV57].
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Connective [Gin60].
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Consistent [BDFG19, CK79, PW93, Ros71, FKL98, MP10].
Constant [AM94, BSKK+16, BFGY19, BR71, BHT18, BEGH17, CDG+20, CMS89, Ga95, GR20, HMZ13, Hob89, Ho84, LP15, LMN93, STV20, GMP00, KLOW00].
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Constructing
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Construct [BK14a, BBKO21, BAG14, BMR97, BMM18, BR23, CRS16, Das75, EW75, LM94a, Mar13, vD97, Bas99, BDLW98, BK10, Bul06, Bul13, Gro07, ZY03, vD95].
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Data-Oblivious [Goo11]. Database [AV89, BMFY83, BK86, BK87, CM87, CH91a, Fag82, Fag83, FH80, GMSV93, Gal82, GS83, GPV89, Had88, HY84, Jac82, Klu83, Kor83, Lie82, Mai80, MW84, Pap79b, Pap82, Pap85, RT90, Sac85, SDFP81, SDFP87, Sag90, Set82, SK80, VVAG97, Via87, Wil91, Yan82, YDL93, BLR13, MS96]. Databases [Ahi85, BNNS94, Dea89, ES76, GL22, HH84, IL84, Lip81, MH89, Mein79, Rei79, Rei80, Rei86, SU82, TSG85, Bas99, GE01, Kif98, RSG05]. Dataflow [Deb92]. Datalog [Ros94, GK04, HMMSS01, GKP22, KKG22]. Davenport [Niv10, Pet15]. Davidon [Ste67]. Davis [NOT06]. Dead [Kou77]. Deadlines [GJ76b, Mar82, PTW88]. Deadlock [AH92a, CR95, DG84, IAWK83, Kam80, Min82, JSMM03]. Deadlock-Free [DG84, IAWK83, JSMM03]. Deadlock-Freedom [Kam80]. Dealer [Rab94]. Dealing [FCB08]. Debreu [Vaz12]. deBrujin [CDMP92]. decade [Via10a]. Decentralized [BF93, Jaf83]. Dechter [ZYo3]. Decidability [BBK93, BGG17, FL88, GHKL21, Hun82b, Hun84, OPSPW19, SJ80, Ven87, Kif98].

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definitions [BLR10]. degeneracy [AC05]. Degenerate [BGL+22].
[BB94]. Disjoint [BG77, CL16, PS78, AZ06, HW04]. disjunctive [CJJK00].

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Electrostatic [Pel98]. element [AS04, Bu06].

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Extensible [SS06a]. Extractors [Tre01, BKS10, GUV09, SU05]. Extrapolation [TM66]. Extravagant [GMPZ17].

External [Goe61, GL88a, LRY80, RA76, FG99, GHS09]. Extracting [Edm69]. Extractions [HMSS01].


[BBH+87, Eli74, GS69, GI65, HY77, MY79, YL77]. Fill [CEG86]. Filon [Fl60]. Filtering [And65a]. Filters [Blu59, Gau64, HL66, Orn61, Sha66, Wad56]. FINAC [EV57]. Find [AI66, KKT95, Gal906]. Finder [de 86]. Finding [BRK74, CFM10, CT06, Fra58a, FGM88, GNP+93, GT89, Hsu75, IK74, KLP75, La 64, LP79, Man75, MM75, MT69, PKR84, Pag74, PS78, RS94b, RS63, RS99, Sla64, Sla72a, Val15, Wei72, WW73, Yao81a, Yen72, CD08, FKV04, MP91]. Fine [BGM99, MT88]. fine-grained [BGM99]. fingerprint [Tar08]. Finish [GS76]. Finite [AA69, ADO91, Arb61, Bav68, BH65, BZ83, Cha66a, Cha69a, Con57, Cry70, Cry71, CF59, DLN73, Das77, DA68, Dun74, DS92a, DS92b, FT88, Fri62, Gib69, HVL17, HvdH22, Ja'80, JM78, Kam82, KB89, Kar81, KV94a, Kel61, Kne93, KS66, KR67, Liu69, MM81, MS21, MT88, Rit63, RS94c, Roc94, SB82, Sav72, TZ6, Wei72, Win82, Zaf69, ANTSV02, CSV09, MGLA00, OG96, DH94]. finite-horizon [MGLA00]. Finite-Source [Kam82]. Finite-State [BZ83, Liu69, OG96]. First [AM90, BKMZ15, Che17, DP85, DH59, Gab16, GKS17, HN84, Her74, LW63a, LW63b, Man69, MG93, Phi62, Pic64b, Pic64a, PZ19, Rei80b, SK77, SW68, Tso63, Wil84, van72, BG98, BLSS03, BKL+06, DKT13, FG01]. First-Order [AM90, BKMZ15, Che17, Gab16, GKS17, HN84, Man69, PZ19, Rei80b, BG98, BLSS03, BKL+06, DKT13, FG01]. Fishspear [FP94]. Fitting [Aki70, AF58, Ma60, Ma63, SS58, VV63, JMM+03]. Five [But67]. Fixed [AM94, ER80b, EV62a, EV62b, Gro12, KLM+97, LM86, Meg84, OD67, RW63, Wol65, AMN+98, CLL+08, CD08, DJKK08]. Fixed-Connection [KLM+97]. fixed-parameter [CLL+08]. Fixed-Plus-Variable [EV62a, EV62b]. Fixed-Point [OD67, Gro12]. fixed-value [DJKK08]. Fixpoint [AVV97, AM82, SN85]. Flies [Kor89]. Flipping [BHT18, Asp98]. Floating [AM59, CO84, JMMW79, KL73, M067, Tsa74, Wad60]. Floating-Point [JMMW79, KL73, Tsa74, Wad60]. Flocking [Cha14]. Flow [BD81, CT81, EK72, Ehr58, Fa67, GRT88a, GT88b, GW76, HU74, Ita78, KU76, KR77, KS75, KL95, Kon77, Kri64, Laz84, MS11, Mi79, OV20, Rey77, Roc64, Ros79a, Sco58, SM90, SN85, Str83, BL04a, BK09, CK09, GR98, KP03, LR99]. flow-cut [CK09]. Flow-Shop [CT81, KS75]. Flowchart [Hun82a]. Flowcharts [BB85, Yel75]. Flowgraphs [Bak77, Mil79]. Flows [Joh87, Zad72, ARV09, BLR10, CKL+07, KRV09, MHHW97]. Flowshop [PK80]. Floyd [BE91]. Floyd-Hoare [BE91]. Fluid [Har57]. Flutter [Fra58b]. FO [BKTW22, SSV22]. Folk [Haj83]. Fooling [OST22]. fools [Bra10]. Footnote [Gol60]. Forbidden [Lev13]. Forcing [Gai20, JS08]. Ford [FL18, Man79a]. Ford-Johnson [Man79a]. Forest [BHM11]. Forests [SV19]. Foreword [Ano15, KV04, Tar16a, Tar16b, Tar16c, Tar16d, Tar17a, Tar17b, Tar17c, Tar17d, Tar17g, Tar17h, Tar17e, Tar18a, Tar18b, Tar18c, Tar18d, Tar19a, Tar19b, Tar20c, Tar20a, Tar20b, Tar21a, Tar21e, Tar21b, Tar21c, Tar21f, Tar21d, Tar22a, Tar22b, VIA11b, VIA11d, VIA12, VIA12d,
Via13b, Via13d, Via14a, Via14c, Via14d, Via15b, Via15c, Via15a, WK15, Via10b, Via11c, Via12a, Via12b, Via13c, Via13f, Via14b.

Forget [NR94]. Forgetting [FKS95]. Fork [BMT89, DLT94, ZTX21].

Fork-Join [BMT89, DLT94]. Form [BKK84, CHT77, CM83, CM96, Cur59a, Cur59b, DHM65, FJ60, GR74, Gre65, MSW83, McK87, Min70, Pra60, SB82, Wat73, dL89, BP03b, Dar01, FCMG22, Noc79]. Formal

[Apt83, BOG02, Blu66, BK78, Cha74, CS68, Cud70, FKRV15, HR77, LW57, McL84, MNO88, PD98, QH68, Ros69, Yu75, Zei72, HW08]. Formalism [SFR68]. Formalisms [Fis65b]. Formalization [BKK84, CHT77, CM83, CM96, Cur59a, Cur59b, DHM65, FJ60, GR74, Gre65, MSW83, McK87, Min70, Pra60, SB82, Wat73, dL89, BP03b, Dar01, FCMG22, Noc79]. Formal


[BEJWY22, BG15, BS99, CGL+22, HHP93, HS]. Frameworks [HSTV14]. Fredholm [Fis58, Has70, Her74, KK70, SK77, SW68, Two63]. Free [Aho68, ACHS16, AL94, BBK93, Ben80, Bl72, But78, CRGM78, Cry70, DG84, Ell72, FOS14, FW74, Fre82b, GS63, GU66a, GU66b, GL76, GR74, Gor63, GHT2, Gre65, Gre66, Gre69, Gro68, Har67, Hay76, HU66, Huf57, IAWK83, KIT69, Kor89, LR78, LW93, LTV96, Mau69, MSW83, Muy69, MMR15, Nau89, Par66, Pav62, Ros68, Ros70a, Ros76b, Sta82, Sud75, Sud76, AGHK09, BAL+21, BGM+98, DFHT05, DR00, IKL+19, Jay97, JCT98, JSM703, Lee02, SS06a]. Freedom [Kam80]. Freezing [Mol18]. Frege [BBC20, Ha21]. Frequency [FJ60]. Frequent [KMP+12]. Freshman [Sla63]. Frobenius [BGK+22, MS21]. Frontier [Che17, KZH05, GKS04]. Full [AF77, Bra77, EPT18, Sci82]. Full-Text [AF77]. Fully

[DST94, GNP20, GSP99, HKT+20, DI05, HK99, Hdl01]. fully-dynamic [Hdl01]. Function [Ash64, BE62, CF59, FJ60, Gia64, GF60, Gre73, HP72a, HA56, LP15, Luk57, MCK78, MIE57, MP65, MP66a, Nat67, Nau83, Nau89, Net59, PHSU76, Pra60, She57a, She57b, Sho79, Weg69, dV71, FCBO8, GJ12]. Function-Free [Nau89]. Functional

[AMP73, ADS83, BDFF84, BV18, Cur59a, Cur59b, Fri63b, GNP20, GZ82, Hon82, Lom61, MSY81, MP70a, Via87, KT99, RV07].
Functional-Dependency [GZ82]. Functions
[AM85, Alt88, ABB+17, Bas58, Bav68, BAG14, Ben80, Ber69, BHT18, Blu67, Bol79, BM75, Bre76, Bsh93, BT96, CK15, CLW95, Chu65, CC67, CaKMTM19, CvH65, CU59, Dub66, DNRS03, EGGI92a, EGGI92b, Fai85, Fra58a, Fra65, GKR16, GB74, GGM86, GKr58, Har63a, Hay75, Hay76, HL87, Hir58, Jia23, Klo61, Klu82, KSG68, KB81, KT78, Liu69, Mac55, Mar58, McK87, MV15, Pet62, PT57, Ral63, Ran58, RS83, Rei87, Rob74, Rus82, San96, She57a, SS63, Sti81, Ste64b, Sv875, TM66, UT0, Wan74b, Wee66, Weg88, Zha21, dWF58, ADM99, BBB00, BDG13, CL11, IFF01, NR04, YCW99, ZW03].

Fundamental [Klo61]. Further [Har63b, Pag74]. Fuzzy [AJM80, Lee72].

Gage [Per54]. Gallai [SS13]. Gallery [AAM22]. Game
[AIK84, Ber63, Con91, Lai13, LT82, MT21, Nau83, Rei80a, San69, SD69, Tar83, KZ98, Vaz12]. Games [ABS15, AHC19, BGG17, CH14, CV17, Dow23, EV15, HMZ13, HLM13, KV15, ARV08, FGY00, GS07, PR08].

Gaussian [GF60]. Gap [Con72, KV15, Din07]. Gaps [Bor72b, Bor72a, CK09]. Gates [Ben80, But78, Pip89, Ric73b]. Gaussian [ABDH+20, Mar76, SKe79].

Gaussians [LM23]. Gaver [BCPW74]. Gene [ZZ17, ALS09]. General
[BJ66, BW57a, BGN+22, BO56, Bre74, BM62, Cud70, DPW18a, DST92a, DST92b, DST92g, GT91, GP83, Kar68, Lie59, LM23, Por66, RC69, SB82, Sur87, TIt55, Wil77, vRS91, ACR98, BFU01, BGM+98, CW96, DR03, MT10, CI74a].

General-Purpose [BW57a, GP83]. Generalization
[BM82, But67, GR60, HR78, Kral62, MG59, RT69].

generalizations [MMW07, Niv10]. Generalized
[AK70, AS54, Bab75, Bai66, BIW63, BD87, BB61, CH66, CH88, CL62, Cur61, Cur63a, DLL73, DP85, Dye68, EK120, Erd66, GMS09, GLPR21, GS64, GJ82, GSE8, HZ80, LPT73, NS82, Qie67, OV20, Pie64b, Pip64, RP89, Yeh68, Yoe65, MSV07, Noe79, SS06c, ZW03].

Generals [Bra87, LSP82, Lam83]. Generated [BR71, Hou58b]. Generating
[BBK93, CLW95, Eh73, HHHN14, Hob93, LY61, LR77, Mow76, Mu59, MC72, Zer55, BP03a]. General
[AJ76, AU77, ACJR21, AM78b, BL75, VS76, Cha72, CU59, Cov60, Den61, Fis65a, Gib69, GL70, MB56, MS64, Nat67, NE70, PGE75, Pro80, RV78, SU70, Spr92, Van67, Win82, YCW99, BF01, DFS014, Fis90].

Generative [Cor63, GKpKL22]. Generator [GSK59, Gre61, Kro64, Rot60, WR77, SU05].

Generators [ADH63, Boy89, CH88, CH88, CM67, Eil72, Gil63, HD64, MM66, RT69, RW88, Sm71a, TRA71, WR67, INF06, TR01].

Genus [FGI88, IH92, DFHT05]. Geometric
[ABC17, DL19, DS91, Hod70, RA20, Shi10, Aro98, ARV09, BJF93, BGM+98, CS11, GX22, Mul11, OR02, RV07].

gerschgorin [Sm70]. Getting [Lam03]. GFSR [Te87]. Given
[BM92, Fit60, KA88, RG67]. Givens [Cau58, CD94, Jol61]. Global
[BNR13, BN13, GW76, KU76, Kou77, Wil78, AAP96, DR00, vD95, vD97].

Globally [Was80]. go [Ram88, LS80]. Goal [Ne70, GJS12]. goal-oriented
[GJS12]. Goals [LR81, Gra03]. Goes [HZ92]. Going [PZ19]. Golden
[Got03]. Good [Cla79, Raz19, Tar75, KV04]. Gossip
[Hae15, Hae16, GGGK13, KKD04]. **GPS** [Ern69]. **Gradient** [FGHS23, KH64, Pyl64]. **Gradients** [JNG+21]. **Gradual** [LTT22]. **Graeffe** [Bar60, Bau58a, Gra63, Wee60]. **grain** [Koc23]. **Grained** [CD94, BGM99]. **Grammar** [CR86a, GG74, GL76, HS78a, HS78b, Hun82b, Lee02]. **Grammars** [ABL80, Aho68, Bea82, CF20, CS68, Cud70, Dil89, EF89, GH72, Gre65, Hib74, Hun84, Jaz81, KT69, MSW83, MP72, McN67, Mic76, MLS76, Pav72, Ros67b, Ros69, San72, Boy05, EY09, NV02, RS99]. **Grammatical** [HS71, KS63, MSW82]. **grand** [Fei03, Hoa03]. **Graph** [AV20, AGPT16, ACPS93, AK84, AM70, ABE70, BBE70, BDHS12, BLR14, BE97, Bhn94, Che17, CDMP92, CG70b, CFG+17, DM87, DHK19, Fre91, FGM88, GGS89, GT91, GJ66a, GM81, GS93, HMR83, Hsu75, Ja84, JRS+14, KRV09, KV94b, KNY19, LaP93, Leh74, LW93, LB79, MB85, Mar76, ME67, MB83, MHG+88, Mol18, MT69, Pav72, PS78, Pfa72, Sha70b, Sup83, TSOA80, Wan74a, Wei72, Wig83, ARV09, BK09, CEFN97, FGY00, HMR+10, HK99, KMS98, Kor08, SG11, SW01]. Graph-Like [Che17]. **Graph-Matching** [GT91]. **Graph-Representable** [Sha70b]. **Graph-Theoretic** [GS93, FGY00]. **Graphical** [DG71, FN93, Moi19]. **Graphics** [CLRS86]. **Graphs** [ADK17, APY91, Bak94, BHM11, BGL+22, Ber73, BJM79, BP15, BBB+21, CGL+23, CF20, CADMD21, CM93, CDRS93, CNP85, DKB5, DJM+20, DEG+21, EBA72, EPL72, FOS14, GSH95, Gab76, GHL+87, Gib69, GKS17, GSV84, HK74, HKN18, Hsu87, Hsu88, IRT78, JMMW79, Kah95, KT17, Ker71, KPS19, Kow75, LMV16, MTTV97, MR87, Pfa75, PV76, Ram66, Ros72, SD76, SVS22, SL71, Sla76, Str83, TNS82, Wag76, WLS85, We66, ACKM09, ATSWZ00, BKS+10, CGP02, DFHT05, DKT13, DGP07, Gab66, GKS04, Gro12, HW04, KK13, SPK13]. great [Bro03]. Greatest [Bro71, Kal88, MST91]. Greedy [NV95]. Grid [CC16, FLS18]. Grid-Minor [CC16]. Grids [Has21, FV02]. Gröbner [Baa93]. Ground [GNP+93]. Group [Fle65, Glu63, Spi69, Tra66, Wee62, Wee65, We67]. Group-Theoretic [Fle65, Tra66]. Groups [Bar65, Fle62, Lar76, Roc94, DG98, Ott12]. Grow [BC93]. Growth [Gof71, Ked79, Lam82]. Guarantee [Wig83]. Guaranteed [KS75]. Guaranteeing [KP18]. Guarded [BTS15, GHKL21, Ott12]. Guided [CO17, CGJ+03].

half [Bro03]. half-century-old [Bro03]. Halfspaces [DDFS14, Vem10]. Halting [AF67, BM84, CF12, Elt72, Ul69]. Hamilton [EHRS44, Rub74]. Hamiltonian [GH75]. Hamiltonicity [CKN18]. Handling [B056, GM70, GPV89, Lom61, Wal61]. Happened [BZ14]. Happened-before [BZ14]. Hard [AM20, ABD+21, BHR84a, CS88a, CADMD21, ESY85, FPFR22, GSV84, JMM77, LS80, LL73, Mey88, Uqr87, CT06, CGH+05, CSL07, MR08, dMRST20, HL13]. Hard-Core [ESY85]. Hard-Real-Time [LL73]. Harder [HS90]. Hardness [CHO+22, DMOZ22, Kho05, LY94, MS11, AZ06, AZ08, ALM+98, CN06].
[DG21, GP18a, AK98, AB03, SS13]. **Identity-based** [DG21].

II

[BN13, BSZ65, BB64, BW57c, Cha90b, CM60, Cl74b, Drm03, Dun66, DS92b, EGGI92b, HH94, Kel73b, Kob74b, Lam86b, Mae63, McG82, MR60, Mul91, MP71b, RS67]. III [Mae63]. **Ill-conditioning** [MS19]. im

[BGI+12]. **Image** [DST92a, DST92b, HM85b, Ric74, WYCF14, Hoc01].

information-technology

Information-Theoretic [Gra03]. 

DLN73, DHM65, DH56, Erd66, MP70b, Pyl64, Tit55, Cha00b.

Inverse-Ackermann [Cha00b]. Inverses [HC72, FN10]. Inversion [Cru76, DA68, HC72, Mar58, NBC72, Pea67, Pea69a, Roc94, Two63, Wat73, Wee66, Wil61, Zie68, Zoh69, von62]. Inverted [BBH*87]. Invertible [Har63a]. Inverting [CLW95, FK99]. Investigation [SM64, Sri65, TW61]. Invited [Ano15, For16, Tar16a, Tar16b, Tar16c, Tar16d, Tar17a, Tar17b, Tar17f, Tar17c, Tar17d, Tar17g, Tar17h, Tar17e, Tar18a, Tar18b, Tar18c, Tar18d, Tar19a, Tar19b, Tar20c, Tar20a, Tar21a, Tar21b, Tar21c, Tar21f, Tar21d, Tar22a, Tar22b, Via10b, Via11b, Via11c, Via11d, Via12e, Via12a, Via12b, Via12c, Via12d, Via13b, Via13c, Via13d, Via13e, Via14a, Via14c, Via14d, Via14b, Via15b, Via15c, Via15a, WK15, Via11a].

Involving [BL66, Ehr59, Har57, Rac82, dWF58]. IP [Adl05, BFM*19, Sha92, She92]. Irreducibility [Mus78]. Irreducible [HR63b, HR63a, Nat67]. Irredundant [BRK74]. Irrelevant [KW20]. Isolation [CG18, CFGS22]. Isomorphism [Ber73, BJM79, CG70b, Fle62, GHL+87, KMR95, LB79, SD76, Ull76, HMR+10]. Isoperimetry [BS23]. Item [GR20]. Itemsets [KMP+12]. Iterated [Sch74]. Iteration [Bau58a, BÉ91, CV59, Gau59, Gau60, HMZ13, KY83, KT74, Man67b, TW79, Was80].

Iterations [Hou56b, Was81]. Iterative [And65b, Bau78, BR71, BGRS13, CS85, Fis65a, HST76, KU76, Mol67, Par61, She59a, Tor64, Wai67, von56, BGRS13].

J [Nag61]. J. [Bui77]. JACM [Cof03, Fis03, Got03, Hal97, Hal97, Lei03, Mil03, Ros03, Sal69, Jou03, Via10a, Via11a, Via13a].

Jacobi [Cor63, GMvN59, Han62, PT57]. Java [MT21]. Job [FM80, Leu93, MS11, Rus82]. Jobs [Bru76, CAA74, McK87]. Johnson [KN14, Man79a]. Join [BMT89, DLT94, MSY81, NPPR18, Scn81, ZTX21].


Junta [CST+18]. Justification [Apt83].


Kleene [MS21]. Knapsack [HW76, HS74, IK75, Mey84, Sah75, Yao82, Zol78]. Knapsacks [BKS18, ISSS22]. knot [HLP99]. Know [FHV92]. Knowledge [CFG22, DS92b, EFKP22, FHV91, FHV92, FH94, FH98, GMW91, GOS12, HM90, HZ92, HT93, N79a, SK96, BBP95, BLMS97, DNS04, SV03, HZ92]. Knowledge-Based [HZ92]. Knuth [Pfa75]. Koch [RW23]. Kronecker [AK70, SPK13]. Kuratowski [Wil84]. Kutta
labeled [FLMM09]. Labeling [ADK17, FK16, Sam81, ST72, KT02].
Labelling [DST92a, DST92b, DEG21]. Lagrangian [JV01]. Laguerre
[Wee66]. LALR [SSSU83]. Lambda [OR00]. Lambda-calculus [OR00].
Lamport [BZ14]. Language [Bro58, CHT79, FGP64, Flo61b, GHG60, Gra62, Har67, Mau69, MCL65, Nev70, Rem81, VK76, Wir68a, Wir68b, AK98, Cap02, DR00, Lai13]. Languages
[Ang82, BBK93, Boo78, BM62, CB72, CDPP23, CRGM78, DMRW15, ER64b, ER80b, ESvL80, Fai85, Gil66a, GR62, GR63a, GS63, GR63b, GS65, GU66a, GU66b, GH68, GMW91, Gor63, Gre66, Gre69, HS71, HH74, HU66, HR77, Hun82a, KLV95, Klu82, KB76, Kor89, KY83, LW93, Lyn77, MNO88, MH82, NB96, Par66, Ros79a, Ros67a, Ros68, Ros70a, Ros69, San56, Sud75, Sud78, VVAG97, BP03a, BDLW98, BLSS03, BGM99, FMW10, GKO4, KMP00, NV02, Van07, Aho79, Gra77]. Lanky [ES15]. Laplace
[Bas58, CM60, Cru76, DA68, DA50, MP59, Tit55, Wee66]. Laplacian
[AR05, Ber69, CRS01, Far63, Liu69, Reg04]. lattice-based [Reg04]. Lattices
[CDW21, LPR13, Kho05, Reg09]. Law [BS23, Erd66, ACKM09]. Laws
[HM85a]. Layout [Ram86]. Leader [CD21, FL87, GS21, KPP15]. learn
[DKP98, HPRW96]. Learnability
[ABL+22, BEHW89, LMN93, ABCB97]. Learned [LV21]. Learning
[AHK93, ABCH+20, ABL17, BBL+00, BLQT22, CGL+22, DJW14, DHL+20, FCMG22, FKS95, GS92a, GR17, JWW+23, JNG+21, KV94a, KLV94, KR97, LM23, LPR13, Men15, Men19, PV88, Rae9, Val15, BB10, BKM03, BLR13, BGM+98, CBDF+99, CHW12, GGR98, Kea98, Reg09, Tvm10]. Least
[DNL73, GL57, Hube61, Mad66, MP70b, Ose61, Ple74]. left [TKB95]. left-linear [TKB95]. Legality [BBE70]. Leman [KPS19]. Lemma
[AI16, BM82, FGY21, GST16, GJL19, Moin19, AKS12, MT10, HSS11]. Lemmas
[Pet76]. Length
[BGP17, Cer58, Cha66a, Cha69a, Gin58, Gli65, Gou81, KW89, LH90, LW57, NW73, OR90, Pag74, WW73, dL89, GS06, Luc09, Yek08]. Length-Limited
[MLH90]. Lengths [MM84, Wold65, Yen72, LMMN03]. Lenses [ANP+04]. Less
[KT17]. Letter [AM80, GG61, Goe61, Lei91, Liv60, Nag61, WSD59]. Letters
[Er60, PGE75]. Level [HLS77, HR63b, HR63a, ILP97, LW08]. Level-Clocked [ILP97]. Levels [Zaf59]. Lewis [HHR97]. Lexicographic
[AG86]. lexicographically [CDPP23]. Lie [BK72]. Life [Wis54]. Like
[Che17, CC76a, CC76b, GR63b, Koc69, BCH+96]. likelihood [CT06]. Limit
[KKG+22, Mon70, ZTX21]. Limitations
[BRS22, Cha74, HMR+10, KV94a, PV88, Sch64, SH22, SRM97]. Limited
[AACHE15, AACHE18, Cof68, GL88a, Hib74, LH90, PK80, RS66, RS67].
Limited-Entry [RS66, RS67]. Limited-Use [AACHE15, AACHE18].

Limiting [Sch74, Win64]. Limits [NS06a]. Lin [Man79b]. Lindenstrauss [KN14]. Line [BB95, BLS92, CE92, ES81, GS78a, Gri73, HL76, IM83, IL83, JS82, Ka88, LL85, Lef74, Mae77, Man75, MS92, Mor68b, AAF+97, CDRS93, DGS01, GJL21, Par61]. Linear

[Abd71, AM94, ADM+99, AB70, ADH15, AGTG21, ADG15, ABL17, BAG14, BJM97, BLTY94, CD87a, CS71, CG67, Cla95, CLS21, Coh64, Col58, CC95, Cra55, Cry67, DP14, EC68, EH86, EKS20, Fra85, FZ77, Fra60, Gab82, GS78a, Gab82, Gau59, Gau60, Gil69, Gil65, GLH57, GL88b, GW76, Gre66, GR79, GS90, GLW70, HPR15, Har76, HKN18, HS60, HK77, Jon62, Kam87, KLM19, KKT95, KS06, KT19, Kor08, KSS10, LS11, LL78, Lin69, LS77, LKK83, Lov72, LB79, Man75, McC73, MW78, Meg84, MY80, Mey85, Mey84, Mor73, Mor75, Mot65a, NB96, Osb61, Pag76, Pav72, PK87, Pl74, PW92, RV87, Rei71, RG67, RPE81, RMK79, Rot70, SK78, San96, Sho81, Sh70, SC85, Sla72a, Sre76, Sto73, TNS82, Tar75].

Linear [Tho57, TW84, TS81, TM66, TSOA80, Two63, Was80, Wel66, Yan85, Zoh74, AC05, BP11, CAFS21, Coh00, FGMS05, GS06, HW04, Kar00, OR00, RA20, Raz09, Reg09, SS06b, TKB95, VY11, EGGI92a]. Linear-Constraint [BAG14]. Linear-Time [DP14, GS78a, KKT95, Man75, NB96, TNS82, Kor08, KSS10].


Loading [AG73]. Local [AI16, AAPS96, Ak70, AGPT16, AF77, BNR13, BN13, BK14a, CH77, FGY21, FGLS19, GS76, Gri86, GJL19, HSS11, Hue73, Hue74, KL73, KMW16, Moto19, OT95, AKS12, FK13, GHS13, MT10, ZY03, vD97]. Locality [BEPS16, CHO+22]. Localization [ABL17, Gri86]. Locally [BEG22, GS06, KMRZS17, FG01, Yek08]. Locally-iterative [BEG22].

Locates [Hue71]. Locating [Gau61a]. Location [FH80, GSV84, New65, JV01, JMM+03, KKD04]. Lock [ACHS16, SS06a]. Lock-Free [ACHS16, SS06a]. Locking [BS85, FHS13, KS83, Klu83, Kor83, MW84, RT90, TSG5, Yan82, Yar84].

Locks [KS83]. Log [CMS20, Lyn77, HN04, Rei08].

Log-Approximate-Rank [CMS20]. log-space [Rei08]. Logarithmic [AZ06, RV87, Sch88, Cha01, HdlT01]. Logemann [NOT06]. Logic [AM90, AP93, AH94, AV82, BC14, BNR13, BCP20, BFM+19, BÉ91, BK14b, BGGR23, Bry91, BW57b, BW57c, CH91b, CC95, Dav17, Deb92,
Logic-Based [EG95]. Logical [BHK59, CEW58, Eld59, GV81, Hod70, Hol62, H KP84, Ram56, Look-Ahead [San70]. Look-Up [Mac57]. Lookup [Pap87]. Loop [Bli72, GK58, HS56, hum82a, KK74, KM72, Sho81, Swa80, vdLL86]. Loop-Free [Bli72], Loopless [Ehr73], Loops [BAG14], looseness [ZY83, vD97]. Lopsided [KR89]. Loss [Sev74, CKOR14]. Lossless [GS70]. Lovász [AI16, AKS12, GJL19, HSS11, M oii9, MR10b]. Loveland [NOT06]. Low [AH92b, CGL*22, CW17, DFS14, FHS13, LO85, OR07, AM07, CKT10, FKV04, CK95]. Low-Cost [CK95]. Low-Density [LO85]. Low-Distortion [FHS13]. Low-Rank [CW17, CGL*22, AM07, FKV04]. Lower [Ah89, AAHK94, AC23, AH92b, As78, BBH*21, Bl04b, Cha90a, Cha90b, CRTY23, CAMD121, CFG*17, FGR*17, FMP*15, Fr81, Fre76, GH23, GHS13, GW85, GHS09, HHN14, HS78b, J F78, Ker79, Kir81, Kisz91, KMW96, Kun76, LY89, MST91, Mey56, Mor73, KFR84, Raz13, Raz19, RVW18, Sch88, Sho14, Sch70, Shv87, Tro84, Wil14, YY76, Yao81a, AS04, AK10, BBC*01, BS59, Tre54]. LP [CLR16, JMM*03, MSU99]. LP-based [MSU99]. LR [Bea82, Mic76, MLS76]. LRU [OOW99]. LRU- [OOW99]. LSH [CK15]. LSH-Preserving [MK15]. M [DNRS03, Lazy84, OM78, Rid76, Lazy84, OM78, Rid76]. M/M/1 [Rid76]. M/M/C [OM78]. M/M/m [Lazy84]. Machine [Baz57, Blu71, BCLM56, BS76, Bru76, CGL*22, CUR65, Das77, Gau59, Gau60, Gin58, Gin59, GH64, Har68, Hin84, JNG*21, LGB56, Lee61, LEB61, LR65, LV21, Ove66, RW63, Rob65, Röe64, Sm64, Swi57, Was54, Yer65, Zr95, ZL58, AAF*97, BP01, BEP09, CN06, CHW12, GKB6, BS59, Tre54]. Machine-Independent [Bk86]. Machine-Oriented [Rob65]. Machinery [Ano68, Ano74, Wil54]. Machines [AF67, AVV97, ADH63, Arr61, BF67, Bel60, Ber54, BZ83, BL75, Bsh93, Cas71, Coh64, Col710, Coo71, Cur62, Cur63b, Elg54, ER64b, ER64a, ESvL80, FHV92, Far63, Fis65b, FKS95, Gil66b, GF67, Gin60, Gin61a, Giri68, Gl82, GV61, Har63b, HS66, Hib61, HU69, HD64, Iba78, Kar67, Klu66, Lin69, Mey85, OF61, Rei87, RC09, Sav72, SS79, Sch88, Wan57, Wat61, BL04a, BEP09, KPS09]. Macro [ESvL80]. Made [Hae16, BS01]. Maehly [Dun56, Dun66]. Magic
Maximum-Finding [PKR84]. Maximum-Flow [GT88b].
Mechanical
[AAD+93, AG73, ABND95, AGHR17, Bry82, BC73, CE72, CLRS86, EGM16, Flo64, FSU5, Gau61a, Har67, Joa59, JM78, KS78, KU88, Ka671, Lie59, Log78, Mit74, Pul55, RC70, Ray79, SVN+13, Smi79, Taz22, TG82, UW87, Wi82, WC74, Cap02, DHW97, DR00, FG99, GHS09, NR09, SN04].
Memory-Constrained [FK85]. MERCURY [BT69]. Merge
[FB72, HHHN14, KG74]. Merge-and-Shrink [HHHN14]. Merging
[AB70, And68b, BT79, Gil65, Goe61, HD73, Man79b, MBM89, Rei71, So62, YY76, HMR02, MPT96]. Merlin [HM13]. Merenese [Fra61]. Mesh
[AK84, KA88, MMHW97, Mor62, NS80]. Mesh-Connected
[AK84, KA88, NS80]. Message
[ABND95, DDWS93, Elk20a, Paw80, Pol64, SCH72, WH80, BCP+12]. Message-Passing [ABND95]. Messages [MMR15, NS06a]. Meta
[AK70, Al60, AB60, AMR11, BJ66, BI63, Ber54, Ber58, Boj84, But65, But79, Cal59, CM74, CD60, Cor63, Cry71, CV59, DMM65, Dun65, Dun66, DG57, Ehr58, Fli60, Fra60, GC65, Gru63, Gof71, GMvN59, GF60, HH57, Han63, Has70, HHHN14, HHW7, HII59, HP59, HR91, Jen73, Joh61, Joh93, Kei56, Kle67a, Leh61, Lin63, Lot56, Mar59, McL84, Mon68, Par55, Pet62, PT57, PY64, Rab66, RS63, Sal60, Shi69, Sho77, Sh70, Sig67, Ste67, SEY15, Sto64b, Tho57, TM66, TIT4, Wal61, Wan93, War57, Was54, WEE60, WSD59, Wi65b, WS76, Zaf70, ACR98, KT68]. Methodology
[Bry91, Sim77, CGH04, LBNS09]. Methods [BK14a, Bau78, BNN94, BF61, BEL21, Bui79, But67, BL66, Cas75, Cha62, Chu61, CPT94, DLN73, DG71, DG62, DW64, Dye68, Edm69, Fis58, Fra65, Fri73, Fro61, Gil60, GR74, Gor57, GS64, Gur70, Han59e, Han62, HST76, Hen70, Kar68, KT67, KG74, Kro66, Kur62, Les58, Lin69, LFKN92, Mac60, Mac63, MB85, MM75, MR62, Mul59, O’C64, Par61, Sha67b, Sin66, SB73, Tor64, Wi61, Zel68, ORSS12]. Metric
[BKMZ15, FL18, KSU19, JV01, KT02, Lee80]. **Metrical** [BLS92, BLR10]. **Metrics** [CAFS21, KV15, CGT10, ENRS00]. **MGS** [Ple74]. **Micro** [Mer57]. **Micro-Programming** [Mer57]. **Microcellular** [Min67]. **Microprocessor** [BY96]. **Microprogramming** [Gla56]. **MIDAC** [Coh55, Gra55a]. **Middleweight** [MT21]. **Midpoint** [GR73, Lot56]. **Mild** [LWZ21]. **Mildly** [CDW21]. **Milne** [Kei56]. **MIMD** [LKK83]. **Mimimax** [VV63]. **Min** [BSP82, DHK+17, GT88a, Yan85, LR99, OR02, SU05, SW97, Chi86]. **Min-Cost** [GT88a]. **Min-Cut** [Yan85, LR99, SW97]. **min-entropies** [SU05]. **Min-Max** [BSP82]. **min-sum** [OR02]. **Mini** [DR03]. **Mini-buckets** [DR03]. **Minima** [Ber69]. **Minimal** [BF67, BL79, Cha72, CT81, CR56, DM81, DDS87, EHR84, EW75, FM70, Gav83, Gin60, Hib61, Hon87, Hsu75, Hwa79, Jaf90, Nat67, Pag74, Pra60, dV71]. **minimality** [vD95]. **Minimax** [CF59, Fra65, Sha70a]. **Minimization** [BHR84a, CMNP18, Law64, LY94, MP65, MP66a, Sch74, Ste67, AZ08, CN06, FFM08]. **Minimize** [BDF81, GS76, GS73, BL04a]. **Minimizers** [Jia23]. **Minimizing** [AGL00, CC76a, CC76b, Jia23, KP03, Knu61, Nat69, IAWK83]. **Minimum** [Bay72, GT89, IAWK83, Joh87, KKT95, Kar00, IW57, Mai80, MT69, MR08, OR90, PW93, Sch63, Sev74, SL15, Sla64, Sup83, Wag97, Cha00b, CHL01, HdlT01, KS96, PR02, RS09a, RS66, RS67]. **Minimum-Cost** [GT89, IAWK83, Sla64]. **Minimum-weight** [OR90]. **Minor** [CC16, DFHT05]. **Minors** [FLS18, Gro12]. **Miss** [FE76]. **Missile** [Orm61]. **Mixed** [ADU72, ADH63, BBD+15, BCMP75, BNNS94, BH65, CM61, CD60, HD64, IOT19, KM72a, ASV06]. **Mixed-Criticality** [BBD+15]. **Mixtures** [ABDH+20, LM23]. **ML** [KTU94]. **Mobile** [ABF17, AP95, YUKY17, MN05]. **Modal** [Got95a, HS91, MST93, McD82, TK91, DP01]. **Model** [BBG89, BKTW22, Bra77, BK71, CM85, Cha90b, DM87, FHV91, FLSY74, Gia64, GH86, GN94, GB92, GHKL21, Grie86, GPV89, Her74, HY75, Hof77, HY84, Kle66, Kobi13, KR76, KSS75, KSS77, LST1, Lov68, Lov69b, Lov69a, Mai80, Mor68b, Muk68, Par79, Par80, San88, Sch72, SEY15, TSG85, Wak69, Wi17, YLC76, YLS82, ALS09, BB10, BKL99, BKW03, CGJ+03, GJ12, HKM+02, KVV00, LPW02, MSS01]. **Model-Based** [Gri86]. **Model-Theoretic** [FHV91]. **Modeled** [BN71]. **Modeling** [Kob74b, Nel87, TG82, YDL93, Zel72, GE01, MMHW97]. **Models** [Adi71b, BBE70, Bay72, CMS89, CK68, CPT94, DVSC77, Gav67, GL71, Gel75, Gri73, HP90, HP72b, Hem64, KM72a, Lie82, Mac77, ME67, Maf90, MW84, Moi19, Tow80, Win82, LBNS09, PS09, RS00]. **Modern** [Bau58a, RW19]. **Modification** [Fil60, GKO95, KT68, Ste67]. **Modified** [BC74, But65, Gau61a, Joh61, KT67, Sha67b, Win65b, Zie68]. **Modular** [BS265, MS89, RZ65, Ros94, Sto70]. **Modularity** [APY91]. **Modulators** [Bla55]. **Module** [BHK90, Gus63, Wan93]. **Modules** [Mam66, SH21, de 86]. **Modulo** [NOT06]. **Modulus** [Leh57, Smi71a]. **Moments** [Alt62, MM84]. **Monadic** [AMP73, GK04, VBNB17]. **Monitoring** [BKMZ15, Swi57]. **monitors** [CSV09]. **Monogenic** [Hoo66b]. **Monoids** [BMT92, MT88]. **Monotone**
Multiwrite [Por66]. Mutual
[BFG+99, BJL+82, Lam86a, Lam86b, RZ19, Sta82].

Names [ABF17, BF61, LY61]. Naming [BY73]. Naqvi [Bri90]. narrow
[BSW01]. narrowing [AEH00]. Nash [Bab16, CDT99, Vaz12]. National
[Mey65]. Natural [Cha69b, CHO+22, MV15]. NC [AV20, CM93, MT88].
Near [AG17, ABDH+20, CPSZ21, CC04, CAFS21, DJSW19, Elk20a, Fra65,
GJ76a, HKN18, KLM19, KT19, LS11, RA20, Rub15, Sha70a, Cha01, Coh00,
Kar00, SVV09]. Near-Linear
[HKN18, KT19, CAFS21, RA20, Coh00, Kar00]. near-logarithmic [Cha01].
Near-Minimax [Fra65, Sha70a]. Near-Optimal
[AG17, Elk20a, GJ76a, LS11, ABDH+20, CPSZ21, CC04, KLM19, SVV09].
Near-Quadratic [Rub15]. Nearest
[CK95a, MTTV97, AMN+98, AMM09, Cha10]. Nearly
[BBL95, CS85, DDFS14, DMOZ22, ES17]. Necessary
[Bon70, Ese60, Rob71]. Need [CCL23]. Needed
[DDS87, GW85, AEH00, HPRW96]. Negation
[BT15, Ros94, Dar01, FCB08]. Negative [GT89, KV15, BG96].
Negative-Type [KV15]. Neighbor [MTTV97, AMN+98, AMM09, Cha10].
Neighborhood [Sup83]. Neighbors [CK95a]. Neighbours [BK14b].
Nested [Aho69, BBG89, GPV89, AY13, BGJ10, TS10]. nesting [AM09].
Net [HPR15]. Nets [ADO91, Arb61, CEW58, CM57, CLL+21, DG84, GK94,
Gil60, Jel56, Koc23, LR78, MM81, Ric73b, Ric73a, SD62, AKN+08, Rub22].
Network [Awe85, BPP+16, Cun85, DPRS89, EK72, EKLS20, FT87, FK85,
Hae16, IW71, K578, Lam82, MC87, Mul78, NS82, Pol64, SM81, Sur83,
Tow80, Wak68a, Wak68b, AAPS96, BPC+12, GKPR07, Noc97].
Network-Oblivious [BPP+16]. networking [ANV13]. Networks
[AHS94, AKE+12, BM79, BM85, Bar16, BCMP75, BB95, BP89, BS89,
But78, CH77, CM83, CDRS23, CM96, CK95b, CLW95, Co87, CG86, CD21,
Dad88, DLT94, DCKT92, ES86, FH80, Haj83, HP90, HFP84, Huf77, IS78,
IW71, Job77, Job87, KT90, Kob74a, Kob74b, KLM+97, KM20, MM84,
McK87, MY84, MV15, MM86, Mow70, MP75, OR90, PKT90, Pip89, Pot17,
RV87, RL80, RL81, RTW94, SB82, Tur72, Tiw87, TW88, Van78, Weg69,
WW73, YL76, YZ78, ZT21, dL89, ABNC+96, AFGZ05, BCP+96, BM96,
Dar03, FPS98, JSM93, KP02, KLOW00, MPT96, OG96, vD95].
Neumann [CM61, Muk68]. Neural [ADO91, Arb61, SD62, OG96].
nervous [Val00]. neuramata [SW98]. Never [EH66]. News
[Alt57a, Alt57b, Alt57c, Alt57d, Ano54a, Ano54b, Ano54c, Ano54d, Ano55a,
Ano55b, Ano55c, Ano55d, Ano56f, Ano56g, Ano56h, Ano56i]. Newsletter
[Ano56a, Ano56b, Ano56c, Ano56d, G057a, Gol57a, Gol57b, Gol57c, G057d, G057e,
G057f, G054a, G054b, G054c, G054d, G055a, G055b, G055c, G055d].
Newton [Bo84, SEY15, TW79, Zel68]. Newtonian [EKL10]. next
[BK79, FMW10, Gra03, MC03]. Nicholas [Yer65]. No
[DV14, FCMM22, FK19, KRR22, Röe84, TSG85]. No-regret [FCGM22].
No-Signaling [KRR22]. No-Wait [Röc84]. No-Waiting [TSG85].
Node [WW73, Yen72]. Nodes [EBA72]. Noise
[ABL17, BKW03, BKN14, BGM+98, CBDF+99, Kea98]. Noise-tolerant
[BKW03, BGM98, Kea98]. Noisy [SH22]. Nominal [Gab16, LP14]. Non
[CPY17, CST+18, DPW18b, IKM17, MS92, Ukk82, HP07]. Non-adaptive
[CST+18]. Non-Clairvoyant [IKM17]. Non-FIFO [MS92].
Non-Malleable [DPW18b]. Non-Monotone [CPY17], non-probabilistic
[ZZ17]. Nonclairvoyant [BL04a]. nonclairvoyantly [KP03]. Nonclausal
[AM90]. Nonconstructive [FL88]. Nonconvex [JNG+21].
Noncooperative [KL95]. Noncounting [CRGM78]. Nondeterminism
[AP86, HM85a, XDB83]. Nondeterministic
[Flo67, GH68, Gri68, GS90, HS71, Iba72, MT85, Mât90, SMF78, SN85, STE03].
Nondistinct [Bur76]. Nonequilibrium [Kob74b]. Nonhomogeneous
[WSY+19]. Nonidentical [HS76, IK77]. Noninteractive [GOS12, BLR13].
Nonlinear
[And65b, BJ66, BL19, Boj84, FR63, GS90, Kac79, KH64, Klo61, Mad66,
Man67b, Moc71, Mow70, RR92, Sch88, Shr70, TI70, Was81, Zel68, EY09].
Nondistinguishable [LP15]. Nonmonotonic
[BNNS94, MST93, McD82, TK91, DFP02, McD82]. Nonnegative
[CS84, LM86, WW73, Yen72]. Normalization
[WW73, Yen72]. Nonnested [ESvL80]. Nonnormality [Loi69].
Nonnumerical [Bra67]. Nonoblivious [FNSS92]. Nonparametric [BGJ10].
Nonpolynomial [Sha67b]. Nonpreemptive [CG93]. Nonpriority [Mit72].
Nonstandard [BB77]. Nonsymmetric [Hou58c, Mor60]. Nontrivial
[DV14]. Nonuniform [GJ76b, PK87, Wil14]. Nonuniqueness [GSV15].
Nordsieck [KT68]. Normal [Bun71, FHS13]. Normal-Form
[Gre65]. Normalization
[CLW95, Lam82]. Normalized
[WW73, Yen72]. Notes
[Adi71b, Ano56e, AJM80, Cal59, Cas71, Cln81, Col58, Dev66, Dev68, Fik59,
Gla56, GF60, HM72, Iba72, Joh73, Kam89, KP71, Kra62, Lot56, Mey69,
MP70b, Mor73, Pic67, Pri76, Ros71, Ros70a, SB82, San72, Sar83, SF80,
Sud75, TM66, Ull72, WW73]. norms
[Gre61, Lyn69]. Nothing [GMW91].
Notes
[Alt57a, Alt57b, Alt57d, Alt57d, Ano54a, Ano54b, Ano54d, Ano55a, Ano55b, Ano55c, Ano55d, Ano56f, Ano56g, Ano56h, Ano56i].
Notion
[MP71a, Vaz12]. NOTIONS
[GMV86]. Nowhere
[GKS17, SSV22]. NP
[AR05, AS98, AM20, Bak94, Coo03, GJ78, GPP+19, GMW91, Got95a,
GMS09, GI79, GS84, HHR97, HL13, LS91, Mul11, MR08, Röc84, dMRST20].
NP-Complete
[Bak94, GI79, Röc84, GPP+19]. NP-Completeness
[GJ78, MS91]. NP-Hard
[HL13, AM20, GS84, MR08, dMRST20].
NP-hardness
[GMS09]. NQL
[Sch78]. Null
[Rei86]. Number
[Abe68, AA169, AM85, ADH63, AM78b, Ben80, BKST78, Boy89, CLRS86,
CH86, CH88, CM67, DL19, DJM+20, GR20, Gra63, GSK59, Gre61, GI79,
Har63a, HD64, Kan65, Ked79, Kro64, LV57, LP73, MM65, NR04, Rot60, SKM18, ST74, Smi71a, TRA71, Van67, Van74a, 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].

**Numerical** [And65a, ABV60, Boo65, Bui79, But65, CBHH61, CW67, Cas76, CM61, Col58, Cra54, Cru76, Cry67, Dou59, DA68, Ehr58, Ema63, Fl60, Fra58b, FR63, Gil60, Gl65, Gra55b, Her74, HW67, HJ61, Hou56a, Jon62, Kro67, Kro73, MY84, Mil73, Mil75, MR59, MR60, MR62, Moc71, Mor59, Mor62, Orn61, Phi62, Rab66, Rah69, Ske79, Spr92, Sta56, SW68, Two63, Usm66, Wee66, Wer79, Wil59a, Wil71]. **Numerically** [CLW95].

**O** [CAA74]. **obfuscating** [BGI+12]. **Obfuscation** [BV18]. **Object** [AK98, KLW95, VVAG97, Yak76, BN05, BY96, FG10, ZS99].

**Object-Creating** [VVAG97]. **Object-Oriented** [KLW95, BN05].

**Objective** [CaKMTM19, Plu76]. **Objectives** [Doy23]. **Objects** [AI16, CRR18, CD87b, Com68, AGMT95, FKL98, JCT98].

**Oblivious** [AKL+23, BPP+16, CCMS22, Goo11, SDS+18, GO96]. **Observation** [Ber75].

**Observational** [AGHR17]. **Obstacles** [RS94a, SR94].

**Obstruction** [AGHK09]. **obstruction-free** [AGHK09]. **Obtain** [Cla79, Col87].

**Obtaining** [Glu63, HR63b, HR63a, Mon68, Pet62]. **Octave** [Neg66].

**Odd** [CSSS20, RMK79]. **Odd-Even** [RMK79]. **Off** [AGPV90, BKT67, Dal73, Dou59, KT68, PU89, Pip78, Rei80a, BPC+12, BSSV03, CS99, KL70].

**Off-Step** [BKT67, KT68]. **Office** [BB61]. **Offs** [DEL80, Ja'83, Sav84, Adl05, Dl05, HMR83, LT82].

**Ogden** [BM82]. **old** [Bro03]. **Omega** [MC87].

**On-Line** [BB95, BLS92, ES81, GS78a, LL85, Man75, MS92, AAF+97, CDRS93, DGS01].

**Once** [AHK93]. **One** [BHT18, BS76, CIV88, Coo66, FNFSZ23, Fis65a, FLP85, GG67a, GH68, Ham69, HS71, Har68, HHPW14, KT74, LP15, Lip57, Neg66, Sel72, SL15, SEY15, Yer65]. **One-Counter** [SEY15].

**One-Dimensional** [Fis65a]. **One-Normal** [Coo66]. **One-Pass** [Sel72].

**One-Plus-One** [Lip57]. **One-Point** [KT74]. **One-Register** [BS76].

**One-Shot** [HHPW14]. **One-Tape** [Har68]. **One-Third** [Neg66]. **One-Way** [BHT18, CIV88, FNFSZ23, GG67a, GH68, HS71, LP15].

**Online** [ABL+22, AP95, BHH19, BSZ06, CS11, CvH65, DJSW19, DHL+20, FHTZ22, HKT+20, MSV07, NR09, Sei02].

**ONR** [Neu54a, Neu54b, Neu54c, Neu55d, Neu55a, Neu55b, Neu55c, Neu55d].

**Ontology** [BKK+18]. **Ontology-Mediated** [BKK+18]. **Open** [BCMP75, GS76, GK58, Win82, Red03]. **Operating** [SM64]. **Operation** [Co69a, Co69b, Heh77, MC74, Sch64, Wee62, HK99].

**Operation-Preserving** [Wee62]. **Operational** [HK55, RV80, RZ19].

**Operations** [Ata94, BK77b, Doy62, EV57, Erc60, GR63a, KW66, Oli67, Par55, RP66, Sk70, Wis54, AD01, Cha01, FV02]. **Operator** [Con72, Flo63, Hue71, Hue73, Hue74, Jon62, TW79]. **Operators**
optical [ABNC+96]. **Optimal** [AAJS17, ABC17, AG73, ADU71, AJ76, ADK17, AGPT16, AKL+23, ACW91, ACK08, BILW20, BZ23, BH89, BBB95, BL79, BCIH+96, BGH+95, Boj84, BLS92, BEGY22, BL75, BFKL79, CCF88, CGL+23, CE92, CF12, CJLW22, CS88b, CD94, Cun85, DDFS14, DL07, DJSW19, DM81, DMZ22, DRY16, ES17, ES15, Elk20a, FGL77, FK16, FB72, Fri73, GNP20, Gal95, GJ76a, GS21, GL88b, GLH22, GS16, GX22, GLW70, Hor78, HY77, IK74, ILG87, Ker71, KN81, KL95, KA88, KT74, LH90, LS11, Laz84, LP79, LS87, LS88, Lel74, Man79a, Mor83, NN80, NPRR18, PTW88, PGE75, RS66, RS67, Riv78, Ry91, SKM18, SU70, SL71, SL15, ST87, Sta70, TT85, Tar08, Tar83, TW84, TWS80, TS81, TG96, Wil91, Yao85, AGH00, ABDH20, CKOR14].

**Optimal** [CPSZ21, Cha00a, CC04, CHL01, FGMS05, H˚as01, KP02, ˇSVV09, NV95]. **Optimality** [Bol79, DP85, FB72, Pap79a, Rei72, Tay93, Yi12, YW73, OOW99]. **Optimisation** [WSY+19]. **Optimization** [AV88, AG73, BRS22, BFGP20, Bea72, Bea73a, Bea73b, BMR97, BG77, BR15, BEL21, Ear74, Fai85, FMP+15, Fra66, FT87, GMSV93, HM13, HS90, JNG+21, MS18, RC70, Rot70, Shi69, You77, BFG03, CHW12, SSS96]. **Optimized** [Den61, GC65, GG61]. **Optimizing** [Gor56, ILP97]. **Optimum** [CCF84, Cha65, Cra57, GM79, Gel79, KR89, MBM89, Wol65]. **OptORAMa** [AKL+23]. OR-dispersers [SSZ98]. **Oracle** [BFG03, CHW12, SSS96]. **Oracle-efficient** [DHL+20]. **Oracle** [BBS86, CGL+23, LS86, Tho04, TZ05]. ORAM [SDS+18]. **Orbit** [COW16, Dye68, KL86]. **Order** [AM90, AAJS17, BKMRZ15, CBHH61, Che17, CR56, Con57, Cra54, Cra57, Erd66, Fis56, FLO83, Fre61, Gab16, GW23, GKS17, Gru70, HN84, Kob13, Kro66, KT74, LGT14, Man69, MG93, MM75, MR62, Mov67, MP71b, NM90, Pet15, Pic64a, Pie73, PZ19, Rei80b, Wer79, van72, BG98, BLSS03, BKL+06, DKT13, EG00, FG01, GKS04, JR07]. **Ordered** [BG98, Fai85, MY79, AT07, BG01, SS06a]. **Ordering** [BZ14, CDP93, EBA72, MB83, Rei71, Ros71, Sla72b, WH73]. **Orderings** [BD94, JR07]. **Ordinal** [BY73, Sri76]. **Ordinary** [BGP17, BKT67, Bui79, But65, Cas75, Cas76, Cha62, DG71, Gla65, Gra55b, Ham59e, Kro67, Kro73, MR62, Mor62, Pic64a, Rah69, Rah70, Usn66]. **ORDVAC** [You55]. **Organization** [CLR86, EV62b, G869, HY84, KMW67, Low68, Moc56, Pea69b, Win65b, EV62a]. **Organizations** [Gau59, Gau60, WC74]. **Organizing** [AM78a]. **orientable** [DL07]. **Oriented** [Ga62, KL95, Ne74, 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** [Sob62]. **Other** [BBE70, Boo82, Ehr73, GK84, JK78, VV17, Aro98, Gro07]. **Out-of-Kilter** [Sin86]. **Outerplanar** [BJM79]. **Outline** [Hol62b]. **Outlines** [Hol93]. **Output** [Cof69a, Cof69b, Fer60, Gil66b, Hof77, HR63b, HR63a, Leh74, MS59,
SM81, DK59. **Output-Buffer** [Hof77]. **Overdetermined** [Abd71, GLH57]. **Overflow** [EV57, Erc60]. **Overhead** [LS71]. **Overlap** [CAA74]. **Overview** [HH71]. owned [DR00]. **Ownership** [BN05].

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Precedence
[ADU72, Col70, Flo63, GH73, Har60, KY83, Mar59, MP72, TPH86].

Precedence-Based [TPH86].

Precision [Bla55, Bre76, Cha66b, YS76, YLS82].

Precondition [KKMO18].

Preconditioning [SS17].

Predicative [Hoa78, Man69, Sla70, VK76, van72].

Predicates [KS66].

Predicting [CEG86].

Prediction [BAL+21, CW67].

Predictor [Al60, Cha62, CK65, GS64, Ham59e, HC63, Kar68, Kro66].

Predictor-Corrector
[Al60, Cha62, CK65, GS64, Ham59e, HC63, Kar68, Kro66].

Predictors [KT67].

Preemptive
[BBD+15, CG93, GS78b, GJ80, HLS77, LL78, Mar82, MC70].

Preference [CMT20].

Prefetching [VK96].

Prefix [BP89, LF80, PGE75].

Premises [BG96].

Preparation [Sco58].

Presburger [Sho77].

Presence [ADLS94, DLP+86, DLS88, GE84, LMS85, PS80, RS94a, BFG08, CBDF+99, DW04, FL02].

Presentations [Ros70a].

Preservation [GU66b, AD69, Ros08].

Preserve [GR63a].

Preserving
[Bav68, CK65, KL+97, Ram03, Ram88, Wei62, Zei72].

Presidential [Car57, Hou57, Hou56c].

Pressburger [SJ80].

Prevention
[BCL56].

Price [GT23, Rou15].

Priced
[CL11].

Pricing [KUB+15].

Primal
[AK16, BBN12, Mul78, Nip90, ST73, DPS08, JV01].

Primal-Dual
[AK16, BBN12, JV01].

Primal-Simplex
[BL78].

Primality
[AB03, GKL99].

Prime
[DP75, Sni76a].

Primes
[DP75, Fis65a, Fra61, HS68].

Primitive
[AK98].

Primitives
[KL86, Sta82].

Principal
[CLM11, Hal07].

Principle
[Lee72, Rob65, HKM12, Raz04].

Principles
[ADU71, Ano79, Gra77, HJV01].

Priori
[EC64].

Priorities
[Adi69, RA76].

Priority
[Adi71a, Bab75, DL70, FP94, KK74, Leu93, NT93b, Sim84, Cha00a, MSU99, Tho07].

Privacy
[CKOR14, DJW14, HK+22, BLR13, EFW10, GY00, JRS09].

Private
[ABL+22, CKG98].

Probabilistic
[AAHK94, AS98, BGB12, BZ23, BKK14, CHS15, Con91, CM78, CY95, EPT18, Ell72, FKK11, GJ78, GL22, IM83, Kar94, Ko90, KB81, MK60, MW84, NS06b, Pit89, Rac82, Sch80, SEY15, Adl05, CSV07, DS12, HP07, MPR98, RSG05, Tar08].

Probabilistically
[Kam89].

Probabilities
[AM80, CR86a, EC64, ME67, Wei62, ALS09].

Probability
[AFR919, CC67, FH94, FH98, Gav67, GL71, HT93, OD67, She65a, She65b, Wil70, YW73, PSZ13].

Probe
[GN81].

Probing
[BBS90, MY80, PK87].

Problem
[AF67, AAM22, AHU76, AMOT90, BGP84, BMPT91, BMN15, BJ66, BMT92, Bel62, BH74, BBE+21, BCS92, BEF+21, BN62, BM84, Bre70, BC73, Can62, CG70a, CF12, COW16, CD60, Coo66, CNP85, CH84, Cur63b, CLL+21, DFS14, Den58, Di 69b, Di 73, Dill9, DST80, DM62, DG57, ER80a, Elr58, Ell72, EG82, ET76, ES81, FOS14, Fei84, FN93, Fre83, Fri63a, GM79, GG78, Gav83, GS75, Gil63, Giv57, GT88b, GHS75, GYY80, GF80, Grif86, GHL22, GI79, GI81, Gus83, Har76, HRS88, HW76, Hir77, HP59, Hoo66a, HS74, Jaz81, Joh71, Kan80, KL86, KW85, KIM81, KR77, KS75, Kur62, LSP82, Lam83, Lam86a, Lam86b, Lin18, LR81, LW75, MM81, Men65,
Mey84, Mic76, MP91, Moc71, MS16b, Net59, Oya87, Pag74, PW93, PB89.

**Problem** [QH68, Rei80a, RKN75, Sah75, San69, Sch74, SM90, Shi80, Spr92, STV20, Tai79, TW61, TTK66, TS74, Tsi70, Ukk82, Val15, WF74, WC74, WC76, Wri75, Yao82, You55, Zaf69, AZ06, BFJ+03, BKW03, Bul13, CLL+08, DGS01, GG13a, Hal07, KS96, Kho05, ORSS12, SV03, Sei02, SS06c, SM02].

**Problem-Solving** [EG82, QH68].

**Problems** [AIK84, AC23, ABS15, AK84, BIJK18, Bak94, BK14a, BH89, Ber54, Ber63, BHR84a, BM18, BR23, BH65, BR54, BCLM56, Chi86, CM61, CADMD21, Co58, CC95, CKV90, Cry70, Cry71, Cud70, CFG+17, DJSW19, DH56, Dun65, Dun66, EC68, EK72, Ehr59, EF75, Esc60, FMS97, Fre79, FG79, GT91, GMSV93, GL71, GR63b, GC65, GH72, Gur85, GSV84, HPR15, Har57, HH63, Har69, HZ80, HL13, HM85b, HS86, HS87, HJ61, Hou58a, Hsu88, HR77, HS78a, HS78b, Hun82b, Hun84, IK75, Iba78, IL83, IRT78, Ja’83, Ja’84, KLM19, Kan83, KV15, Kir81, KS74, KNY19, Kou77, Lla58b, LM94a, LO85, LR65, LR77, LZ77, LY94, Mai78, MS18, MT85, MS11, McCo3, Mey88, MS21, MTZ60, Mot94, NJ57, PY82, Ram80, RWM94, RP89, RKN75].

**Problems** [Rot70, SG76, Sav84, Shi69, Sla63, ST72, TNS82, Tar81a, Tar81b, Usn66, Val75, Was71, Wei91, WW18, Yan79, AS04, AR05, Aro98, ALM+98, BSSV03, BK10, Bul06, CK09, GW95, GG13b, Gro07, GMS10, HLP99, Hoc01, JV01, KT02, KPR04, KSS10, LMW02, Lib01, MGLA00, Red03, Ste03, Val03].

**Procedural** [Ros79a].

**Procedure** [Bar60, BV84, Ber73, Com68, CR56, DP60, FLSY74, Fri62, Fri63b, Gin67, GH59, KT69, Kow75, LR77, Lov69a, Mad66, Mat81, Men19, Mou65b, PPV60, Rub74, Sch61, Sha70a, Sho79, von56, NOT06].

**Procedures** [aki70, And66, And65b, Bhu71, Cas76, GR60, Har64, HC63, Joy76, JM60, LW93, LW57, Lom62, Lov72, Mac57, Mae60, Mos58, NO80, Sla64, Smi84, Sir76, Wun67].

**Process** [Bar60, BN71, BJL+82, Car58, FLP85, GGG+17, Gra63, Smi79, BGJ10, MGLA00].

**Processes** [Apt83, BBK93, Bau58a, BR71, BHR84b, CDP14, EY15, GS92b, Koc23, MM79, She59a, BP01, CSV07].

**Processing** [BLT93, BW91, BKS17, Blu85, Bry82, CW67, CN95, CAA74, Fox70, GHG60, GM61, HB21, HM85b, Imi91, Kie66, Lom62, McG59, NT19b, Oet57, Orm61, Pap87, Pea67, Pea68, PGL76, RS66, RP66, SL68, SS79, Tre54, GHS09].

**Processor** [AK84, CMT70, CG93, FMI80, Gab82, GS78b, HY75, KM72a, Kne93, Llo82, Pri76, SC80].

**Processor-Sharing** [CMT70].

**Processors** [DJS81, FK85, GJ76b, Gen78, GK84, HS76, IK77, KA88, LL78, Pea69b].

**Produced** [Boy89, Two63].

**Producing** [MO56].

**Product** [BKK84, CHT77, CM83, CM96, DLN73, DHM65, HM13, Jai15, McK87, SB82, Wee65, Wee67, dL89, Noc79].

**Product-Form** [CM83, CM96, McK87, SB82, dL89].

**Production** [Man67a, Mc56].

**Products** [Erd66, Kam89, Mor97].

**Program** [AGOW66, Ber63, Bra78, Bra67, BM62, BGGGR23, Cha75, CB72, ER64b, Fri63a, Gor56, Gus83, HC88, HR63b, HR63a, Hun82a, Hun84, Kel73a, Kel73b, Log78, Log79, Lov77, Ram88, RDS81, Rit64, Sch74, SFR68, Sla63, SB68, Smi82, SH21, Sum77, Tit55, TG82, Wan80, Weg76, DNS05, DPSV08, EKL10, Vaz12].
Programmability [Por66]. Programmed [Boy57, Ros69, MS59].
Programmers [Row57]. Programming [Por66, Boy57, Ros69, MS59].
Programmers [Row57]. Programming [AM94, Ano79, AV82, BNN94, BHK59, Bel60, Bel62, BS59, Bon70, CK79,
Cla79, Cla95, CC95, CB72, DEL80, EC68, ER64b, EGGI92a, EGGI92b, Fei84,
FN93, Fox70, Glu63, GMM81, GB92, GB65, Gor57, Gra77, Gra62, Har76,
Hel79, Hol62a, Hun82a, Kan80, Kan83, KH64, KB67, LS11, LL78, LR77,
Lip57, McL65, Meg84, Mer57, MH82, MTZ60, Nev70, Pap81, Rem81, Rut55,
Sch61, Sri65, Sri76, SR60, Tii58, TS74, VK76, Wir68a, Wir68b, YL57, Yer66,
GW95, KMS98, La113, Mye99, SS06b, Sku01, GK59].
Programs [AP93, ADH15, AK16, ADO21, BL90, BL79, BK95, BKK14, BIZ18, BD77,
Cha66a, Cha69a, Cha69b, CLS21, Deb92, GMSV93, GJL21, Gi81, Gur85,
Heh77, HL76, Hog81, IM83, IL83, Isr57, JM77, JM78, Kal88, Kob13, Kow79,
Lee61, Man69, MP70a, Mat81, Pag74, Phu76, RV80, RS66, RS67, Ros94,
SD69, SJ80, Tsi70, Weg88, Wei66, You77, vRS91, AB05, BN05, BG12,
BV04, CW96, SS06b].
Proof [Apt83, ALM*98, BD94, BV84, BG15, BM84, Cha70, CC93, Dav77, FLSY74,
GMW91, GL70, GP18a, Haj83, Kow75, LFKN92, Mau69, MH89, PPV60,
Raz16, Sha88, She92, SH21, Zhu20, HN07, LMW05, MT10, OOW99, Raz03].
proof-of-compliance [LMW05].
Proof-Relevant [SH21].
Proofs [BD94, BB77, CHO+22, GMW91, GKR15, Hås21, HZ92, KRR22, MV15,
Nou83, TC21, AS98, BSW01, BY96, FGL+96].
Propagated [Att57].
Propagation [BCLM56, CF20, CMT20, CO17, Gra55b, MMW07].
Proper [Di73, Fik59].
Properly [BLQT22].
Properties [ABL80, AMP73, BBE70, BKMZ15, Bol79, CLTZ18, Cha62, Coh64, DLT94, FHV92, Far63, Gin60,
GZ82, GKS17, Her90, Hib62, Hoa78, Hod70, Hue80, LR72, LR78, LW93,
Man69, MP70a, Mar13, Mon70, MP71a, MP71b, PS70, PS83, Ros68, Sel72,
VV17, WS76, BKL+06, Cap02, CHL96, DKT13, FG01, JCC97].
Property [BB58, GGR98, KBI+17, KNY19, Set74, Set75, Toy87, dS58, JRS09].
Property-Directed [KBI+17].
Proposed [Fis58].
Propositional [BK14b, CH91b, HS91, Raz03, Raz16, Sag80, SDPF81, SDPF87, SC85, van72, EM07].
Prospects [GV61].
Protection [Sau88, GO96].
Protein [Sha67a, BER06, Shi10, XB06].
protein-protein [BER06].
Protocol [Bra87, SDS+18].
Protocols [AGPV90, BT85, CJLRW22, CMS89, GS21, HZ92, KS83, MS92, MS16a, TL95,
Aba99, AB05, AAF+01, BOG02, KKD04, MP98, PD98].
Provable [ADG15].
Provably [ADF+16, BGM99, LS95, You77].
Provenance [GUK+16].
Prover [Win82, DNS05].
Provers [de 86].
Provide [Wil87], providing [BN01].
Proving [And81, BM75, BBEG18, Cha70, FL88, GNRS92, Hen79, HR91, KBI+17,
Lov68, Lov69b, Lov69a, Nev74, Ove74, Pet76, Rob63, Sho77, Sla67, SB68,
Sla72b, Sla74, Sti73, Wan93, WS76, WRC65, WRC87, Dic73].
Prune [HPR15].
Pseudo [BB58, Boy89, BL66, Cer58, Cov60, Gre61, Gru70, HP72a,
IW71, Kle66, KM72a, KT90, Kob74a, Kob74b, KR76, Leu93, Mae77, MC74, OM78, One75, PKT90, Ras70, TPH86, Van78, ZTX21, Noc79. **Queues** [Adi69, Adi73, BCMP75, BKK84, Cho80, CI74a, FACP81, HM72, HB21, IS78, JMG93, Oma77, PTW88, RA76, SD83, Sim84, Tar72, Tho07]. **Queuing** [BL90, CM96, CLW95, CG86, DCKT92, ES86, GT23, Gla91, GM92, Haj83, HP90, Hsu84, Lam82, McK87, MY84, RL80, RL81, RTW94, SB82, SM81, Sur83, Tow80, TW88, dL89, BKR01]. **Quotients** [GS63]. **R** [Bui77]. **R.** [ZY03]. **Race** [BS89]. **Radio** [CD21]. **Radius** [LM86]. **Radix** [HI59, Mac66, Mat82]. **RAM** [AKL+23, SDS+18]. **Ramakrishna** [Mul11]. **RAMs** [DR00, GO96, PMH09]. **Ramsey** [BKS+10, KNY19, MSM85]. **Random** [AI16, ADH63, AP86, BYG08, BC93, BB58, BB90, Boy89, Bsh93, Cer68, CO17, CDRS93, Cov60, CM67, Di 69a, DFK91, ER46b, FPPR22, FJ60, Fus90, GS99, GW23, GGM86, GSK59, Gre61, HD64, KK13, KMR95, LW21, MM65, MY79, Mey85, Mol18, Mos54, Rei87, Rot60, SNPT13, SS79, Sch88, Smi71a, Smi84, Sto64a, TRA71, TRE73, Tra63, Van67, Wen67, Zha21, ANP07, Ats04, BV04, BEP09, CGH04, CFM10, GHS09, Hoc01, KT02, NR04, Pee03, Reg09, Ven10]. **Random-Access** [ER46b, MY79, Sch88, Tra63]. **random-sampling-based** [Ven10]. **Randomization** [ADG15, dG89, CSV09]. **Randomized** [AT11, BBN12, BGSS20, Bra87, BGRS13, Goo11, HK99, KKM018, KKT95, KR93, KZ93, MR98, MC87, Asp98, AC08, BSS03, FHS98, VH06]. **Randomness** [BCM+21, MS16a, GUV09]. **Range** [AC23, Cha90a, Cha90b, CK65, Fre81, Gra63, WL85, CO04, HKM+02]. **Ranges** [MST93]. **Rank** [BLSRZ14, CMS20, CW17, Lic23, Lov16, Raz13, AM07, CKL13, CGL+22, FKV04, SI13]. **Ranking** [BAG14, YW73, AT10, ACN08]. **Raster** [CLR86]. **Raster-Graphics** [Hob89]. **Rate** [ADG15, Bau58b, BSKK16, KED79, KMRZS17, Cha00a, KSY14]. **Rate-independent** [CDRS23]. **Rates** [Bry82, DW64, JM60, MM86, Sta56]. **Ratio** [AGT72, FE76, CL11]. **Rational** [Bas58, GH23, Hen66b, Jia23, Kun76, Luk57, Mae60, Mae63, Rail63, Sphi61, Sto64b, BT07, Vaz12]. **Reach** [ADLS94]. **Reachability** [BEF+21, CLL+21, DKM+18, Tho04]. **Reaching** [DL+86, PSL80]. **Reaction** [CDRS23]. **Reactive** [VV12, PM06]. **Read** [AHK93, CCF84, HV07]. **Read-Once** [AHK93]. **Read/Write** [CCF84, HV07]. **Real** [BLT93, CW65, Col71a, ES17, EV62a, EV62b, FMNP19, Fis65a, FMR72, Gal81, GH68, GMV59, Hei71, Hol62a, Isr57, La 64, LS81a, LL73, MS19, Man67a, MC70, Oya87, Ros67a, Ros68, Rub55, Sch64, TW61, Ukk82, Wan74b, Yak76, von56, Bas99, KTT99]. **Real-Time** [BLT93, Col71a, Fis65a, FMR72, GH68, Isr57, LS81a, Man67a, MC70, Oya87, Ros67a, Ros68, Rub55, Sch64, TW61, FMNP19, KT99]. **Realistic** [CMS89]. **Realization** [CEW58, Gli66b, PPV60]. **Really** [AH94, ES15]. **reason** [KR97]. **Reasonable** [Doy65]. **Reasoning** [ABK16, BNR13, BN13, FH94, FH98, GS92b, GS93, KKMO18, KJJ03, NR95].
Opp80, Wan93, BMSS09, DFP02, FH01, HP07]. RECAL [CG86].

Recognition [Alt62, Ble66, Chu65, CC67, Doy62, DW64, EC64, GS78a, Gla57, Gre66, Gri86, Har67, HS68, Kel61, Lyn77, MF63, McA93, O’C65, DR00].

Recognizes [Hue73, Hue74]. Recognizing [GSH89, Hsu87, Joh71].

Recompression [Jez16]. Reconciliation [ZZ17]. Reconciling [MR10b].


Recoverable [TL95]. Rectangle [GL88b, MP86]. rectangular [FV02, Zwi02]. Reccurrence [Cra55, Cra57, KMW67, Kar94]. Recurrences [DS13, HK77, Kun76, Rou01]. recurrent [OG96]. Recursion [IW91, JM78, Sch74, Fue90, Pit06, SP07].

Recursive [AM82, BL79, Bhu67, BD77, Di 69b, EY09, EY15, Gau61b, GB74, HN84, HL66, LR72, Nau89, RV80, SS63, Tra69, JR07]. Recursively [Cul79, ERR81, ER80b, GR63b, Opp80]. Reduced [Col67, DG57, Has70].

Reducibilities [Hom87]. Reducibility [GB69c, GB70, JMMW79, Lad75, Lyn75, AK10]. Reducible [CH91a, HU74, WLS85]. Reduction [AAJS17, ACP89, Bra67, CH90, Cur62, Gin59, Gra63, GH72, HWB56, IOT19, Lio71, LR81, RW88, Wei55, Wil59b, ZL58, AFN04, BC05]. Reductions [DHKN21, Hue80, HS78a, Hs78b, PS81b, RMK79, Wil87, Lib01].

Redundancy [Sch63]. redux [Via13a]. References [DS78]. Refinement [AGHR17, Mad66, Mol67, Bro97, CGJ +03, MHHW97]. Refining [XDB83].

Refutation [CS71]. Refutational [HR91]. Refutations [HW74]. Regards [EV57]. Regenerative [IS78, IL79]. Regime [FGYZ21]. Region [AAI86, BNR13, GSV15, MP91]. Register [BP01, BS76, CH86, CH88, HKMW66, LP73, RT69, SAG94, You58].

Register-machine [BP01]. Registers [Mow67]. Regression [CW17, Shr70, Siri76, Wal61]. Regret [AG17, FCMG22]. Regular [ABB +21, BLR14, BE97, Brz64, BC69, CDPP23, DKRW15, FU82, GH64, Gin67, HV95, Kahl95, Mye92, OF61, Sal66, ACKM09, ACM02, BCG07, BYG96, BP03a, KLS05]. Regularity [Val75]. Reinforcement [Cun85].


Relating [BLSRZ14, DA68]. Relational [AV88, AV89, AVV97, ANV13, BK87, DMLW98, BLO0, BC81, CP84, Fug83, Gal82, GH86, GPV89, IL84, Klu82, Ma80, MH89, Men79, Re86, SU82, SY80, SDP88, SDP87, AL05, GE01, WR03]. Relations [BDFS84, Col70, FHS13, Gil66b, Gl65, Har74, HU68b, Iba77, KMW67, Kar94, MW86, McA93, NB95, PF79, SH21, BG98, BLSS93, KMP00, KJJ03].

Relationship [Ben82, BW94, LBB67]. Relationships [Dav90, WM74, KT02]. Relative [Ber75, KMR95, LF88, Sup83, JRS09].

Relativizations [XDB83]. Relativized [Ko90, Rac82]. Relativizing [LS68].
Ham57b, Ham57c, Ham57d, Ham58a, Ham58b, Ham58c, Ham58d, Ham59a, Ham59b, Ham59c, Ham59d, Ham60. Revised [DHM65]. Revision
[DPW18a]. Revisited [EH86, Min82, Szp90, ZZ17, CGH04]. Revisited* [BCP20]. Revisiting [ADG15]. Revocable [Unr15]. Rewrite
[BGK+22, GNP+93, HWW90]. Rewriting
[BKK+18]. Richardson [Fra60]. Riemannian [CGOS13]. right [MLS76]. right-context [ML76]. rights [Hal00]. Rigid [GNR92]. Rigorous
[BFM+19, KMP+12]. Ring [ASW88, Fit60, FL87, Wan93]. Rings
Robust [ABDH+20, BEJWY22, CLMW11, DFSL14, FK15, HKM+22, Jay97, MS16a, Rab94]. Robustly [ABND95, LM23]. Robustness
[BFGY19, BS23, FNFS23, Ron15, Sur83]. Role [RW88, Sal70]. Romberg
[And66]. Room [KR76]. Root [Leh74, Lov16, Mou65b, Wec60].
Root-Squaring [Wee60]. Rooted [Gre73]. Roots
[BJ66, Brz67, DSS22, MM75, Mou65b]. Rosser
[MNO88, DKRW15, Ros73a, Set74, Set75, Sha88, Toy87]. Rotational
[Hou55b]. Rotations [PT57, Zer85]. Round
[Dou59, KL70, LP15, Ras70, SD83, BPC+12, CS99, GS22]. Round-Off
[Dou59, KL70, CS99]. Round-Robin [Ras70]. Rounding
[BGRS13, DRY16, GKS06]. Roundoff [BR71, KL73]. Rounds
[BYCH217, Bra87, HSS18]. Route [Pol64]. Routine [Bas65, Lyn69, YL57].
Routines [Eld59]. Routing [BB95, BBBL95, CK95b, DEP10, GK94, GN94, GL88b, HAJ83, MP86, NS80, PU89, Tow60, Upf92, ABNC+96, AGH90, AFGZ95, AAF+97, BOG02, BRSU97, BFU01, HW04, JSM03, RT02]. row
[vD95]. row-convex [vD95]. RS [ER64a]. RS-Machines [ER64a]. RSA
[BF01, HN04]. Rules
[GNP+93, GHKL21, HW90, Nau89, RA95, UV88, MR10b]. Rumor
[CGLP18, Hae15]. run [WB97]. run-time [WB97]. Runge
[But67, But79, BL66, Car58, Cas75, Cas76, Fro61, GR60, Grn70]. Running
[Got54]. Runs [GNP20, TRA71, Wei55]. Runtime [BFR+22]. Runtime
[KKM18]. Russians
S [FHO72]. S-Semigroups [FHO72]. S.P.M. [Kle66]. Saddle [JNG+21]. Safe
[Yan82]. Salesman [Bel62, BH74, CNP85, FN93, GJ78, MTZ60, MS16b, PB98, SV19, STV20, Ar98, BFJ+03]. Same [CCSS14]. Sample
[ABDH+20, CBD+99, GW21, MY16, RC86, Wi91]. Sample-efficient
[CBD9+99]. Samples [BR82]. Samplesort [FM70]. Sampling
[AG17, Bay72, CGL+22, Dav77, FGYZ21, FM70, GJL19, RV07, ACKM09, BYG08, CMYZ12, DLT07, ŠVV09, Ven10]. Sampling-based
[CGL+22]. SAT [BSKK+16, FGYZ21, GST16, NOT06, PPSZ05]. Satellite [Dye68]. Satisfaction
[BK14a, BBKO21, BMR97, BMM18, BR23, CLRS16, GMV86, Hon82, LS81b, Mar13, BK10, Bul06, Bul13, Gro07]. Satisfiability
[DV14, FK15, HZ16, Pla04, Sch78, ANP07, BFG08, FLvMV05, GW95].
Savage [DFPP02].
Scaffolding [HRM02].
Scalable [KS11].
Scalar [Was81].
Scale [ABDCBH97, DK65, EKLS20, Kau71, MS18, Pea69b].
Scale-sensitive [ABDCBH97].
Scaled [FL74].
Scaling [BFGY19, GT91, Gia64, Lam82, Ske79, ZTX21, BK07].
Scan [One75, RR64].
Scanning [Bau58b].
Scenario [CSV07].
Scene [CF20].
Schaefer [BP15].
Scaffolded [Cof69a, Cof69b].
Schedules [AC81, CT81, DVSC77, Man67a].
Scheduling [AZ05, BLT93, BBD+15, BL99, CG93, DJ81, FK85, Gab82, GJ6b, GS76, GS7b, GJS8, HS87, HS76, HLS77, IK77, KMI7, KM72a, KN81, KSS75, KSS77, LL78, Leu93, LL73, Llo82, Mar82, MS11, MC70, NJ57, PTW88, PK60, Ras70, Rei68, Ry91, Sah76, SC80, Sev74, She67, AFGZ05, AAF+97, BNBYF+01, BLO4a, BGM99, CN06, KMP09, MSU99, SSS06, Sku01].
Schema [ADLM14, GS10, Hel89, FN10, JV01].
Schemas [AMP73, GS83].
Schemata [GG74, Kel73a, Kel73b, Log78, Log79, Rut64].
Schematic [San88].
Scheme [FK16, KU80, Lie59, Up92, YW73, Zaf69, Col00, DR03, KLOW00, RS09a, SS06b].
Schemes [AHPW19, ABDH+20, BHM11, BFMY83, BK86, BK87, CM87, CH91a, CAFS21, Edw54, Fag83, FLS18, GH73, HM85b, Hun82a, Hun84, LRY80, MY80, Mon70, MY16, RS77, Sag91, San88, Up84, Ar98, KSS10, OR02].
Schinkel [Niv10, Pet15].
Science [Ham69, Min70, Sal72, Bro03, Val03].
Sciences [Ano68, Leb56].
Scientific [Gol71, O'C65, Sal71a].
Scott [LP14].
Search [AM78a, BM83, BMS5, BC74, Bur76, DP85, Dev86, DG71, EC68, Fal62, FLS19, FKR19, Fre82b, Fre85, Fri73, GC65, Hen70, HJ61, KZ93, KN19, LaP93, MB85, MT93, Mey84, MM75, Mil75, Nau83, Por66, Rub74, SD69, ST85, SMC79, Tar83, Vit83, We172, Wil84, dCS77, de 83, AT07, BYG08, BFG+99, Drm03, FG99, KZTH05, Kor08, MP10, MR98, Res03].
Searchers [Doy61].
Searching [AC23, Bab63, BT57, Cha90a, Cha90b, Dav90, GNP20, GM81, Gon81, Hib62, HY77, MHG+88, Sta70, AMN+98, AMM09, BYG96].
Second [DH59, Dum65, Dum66, FLO83, Has70, LW63a, LW63b, Pie73, EGG00, GKS04].
Second-Order [FLO83, Pie73, EGG00, GKS04].
Secondary [GS73].
Secrecy [Aba99, AB05].
Secretary [BIKK18].
Secrets [Rab94].
Secret [Via14a, LV09, VV09, Via10b].
Secure [ABF17, DDWY93, GS22, GHKL11, KOY09].
Securely [MS16a].
Security [AW08, Can20, Chi86, LS77, Rab89, Rei79, WYCF14, Aba99, AB05, HO4, LMW05, LW08, May01].
Segment [Gro07].
Segmentation [Den65, ES76, HP76, KPR04, Hoc01].
Segmented [CAA74].
Segments [CE92].
Selected [Ja84].
Selection [CM89, DM81, FG79, GM79, GS69, JK78, Kir81, NeV70, Row57, TWS80].
Self [AM78a, Cas71, DW04, JRS+14, Kra62, LR19, ST85, von66, AK10].
Self-Adjusting [ST85].
Self-Consistency [Kra62].
Self-Describing [Cas71].
Self-Organizing [AM78a].
self-reducibility [AK10].
Self-Reproducing [von66].
Self-Stabilising [LR19].
Self-Stabilizing
Semaphores [Sta82].

Semi-Automated [GOBS69].

Semi-Automatic [DL56].

Semi-Decision [Frit63b].

Semi-Definite [JS82].

Semi-Implicit [dS58, AT11].

Semi-join [BC81].

Semi-Markov [BN71].

Semi-supervised [BB10].

Semialgebraic [AC23, BCL19].

Semantically [BFGP20, Doy61, FCB08, GK68, HR91, KP80, MR87, RV80, Sla67].

Semantics [BG70, Gab16, GTWW77, GHKL21, LP14, MT21, Rey77, ST80, SN85, VK76, vRS91, vW96, Lai13].

Semidegenerate [KK70].

Semidefinite [AK16, GW95, KMS98, Sku01].

Semigroup [BMR97].

Semigroup-Based [BMR97].

Semirings [JS82].

Semiautomated [BC81, BN71, Cas76, DL56, Fri63b, GOBS69, dS58, AT11, BB10].

Semilineral [Ros70a].

Serape [Sta82].

Serial [Cov60, Meg83].

Serializability [Pap79b, Set82, Yan84].

Series [AS54, BK78, CBHH61, Cru76, Hen56a, HY75, Min57, SL71, Spi61, TNS82, dV59, YCW99].

Series-parallel [SL71, TNS82, YCW99].

Set [Abd71, AHPW19, Ari94, BRK74, BKST78, BBE+21, CBHH61, CF59, FOS14, GW90, Hsu88, KW85, Kir81, KLP75, Lew78, MS21, Pac10, Rei72, Rit63, SLM19, SK73, Tar75, Tv84, WH73, WRC65, Zoh74, AFN04, Bul06, CeLT00, CLL+08, Fei98, FCB08, GK96, GG13b].

Set-Manipulation [Aja94].

Set-theoretically [FCB08].

Sets [AAJS17, AGPT16, BBH21, BAL+21, Bra67, Bro64, BCL19, CK95a, Cha69b, CH91b, Chc17, CS83, Cul79, Di 69a, ERR81, ES17, GNP+93, Gin61b, GH64, GH76, HW74, KW20, Lyn75, Mar76, Mat82, MP66b, PS81b, Ros70a, Ros94, RW23, Sch68, Sla72h, WLS85, dV71, AT07, KSW09, SSS96, WR03, Zwi02].

Settling [CDT09, CST+18].

Several [Ber69, KSS75, KSS77, NT93b, She59a, Wil62].

Shape [CDOY11].

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

Shared [AAD+93, BJL+82, CK68, ES76, EM16, KUS88, KS83, KM72a, KN81, KR74, BRK78, BKST78, BBE+21, CBHH61, CF59, FOS14, GW90, Hsu88, KW85, Kir81, KLP75, Lew78, MS21, Pac10, Rei72, Rit63, SLM19, SK73, Tar75, Tv84, WH73, WRC65, Zoh74, AFN04, Bul06, CeLT00, CLL+08, Fei98, FCB08, GK96, GG13b].
Kne93, KW66, Ras70, Tau22, AGMT95, BF01, Cap02, DHW97, FKL98, HV07, JCT98, Klen72a, SN04. **Shared-Memory** [EGM16, Cap02]. **Shares** [KPPW18]. **Sharing** [Adi69, AA69, Adi71a, Adi71b, AGOW66, ABND95, Bab75, BNT71, Cof68, CMT70, FMI80, Fra69, HP72b, KM72a, NBC72, Rab94, She67, WYCF14, GKPR07, RS09b]. **Sharp** [Pet15]. **Shellability** [GPP+15]. **Shellsort** [Koo11, JLV00]. **Shift** [CH86, CH88, LP73, Mow67, RT69, Yol58]. **Shift-Register** [RT69]. **Shifting** [BE62, BSP82, Jen73, PV76]. **Shop** [CT81, GS76, KS75, MS11, Röc84]. **Short** [BSW01, BEGY22, CDW21, ES15]. **Short-Circuit** [BEGY22]. **Shortest** [ADF+16, AMOT90, BMPT91, BBE+21, BLTY94, CGS15, DP22, Elk20b, Fre91, GYY80, HKN18, Joh73, Joh77, MP91, OR90, OV23, RS94b, SR94, Wag76, Wan23, WW73, Yen72, AHPSV97, AMS05, BSH00, DL07, DI04, Kho05, PSSZ13, Tho99, Zwi02]. **Shortest-Path** [OR90]. **Shot** [HHPW14]. **Should** [Yao81b]. **Showing** [Dil89, Jaz81]. **Shrink** [HHHN14]. **Shrinkage** [IMZ19]. **Shuffles** [RVW18]. **Shunning** [BCP20]. side [Gro07, XB06]. side-chain [XB06]. **Sieving** [Wun67]. **Sifting** [Mac66]. **Sign** [BM92]. **Signaling** [KRR22]. **Signals** [BGG17]. **Signature** [MMR15]. **Signature-Free** [MMR15]. signed [HP99]. **Significant** [Kan65, KMP+12, Man79b]. **Silence** [GM20]. **Silver** [CDE+00]. **Similar** [AC81]. **Similarity** [Doy62, Wil59b]. **Similarity-Invariant** [Doy62]. **Simplex** [AM85, DHM65, Mul78, ON68, ST04]. **Simplicial** [DG98]. **Simplicity** [Cha69b]. **Simplification** [Bre70, Cav70, Hir58, IL83]. **Simplified** [Lov69a, She92]. **Simplifiers** [Sla74]. **Simplify** [DNS05]. **Simplifying** [BN01, Chua61]. **Simpson** [Lyn69]. **Simulated** [SH88, SVV09]. **Simulating** [ADO91, Bay72, BB61, Bely91, FM72, FM79, GM61, HA56, IS78, IL79, IS79, Jae83, Mos58, PM71, Rub55, Wad56, Zei72, GO96]. **Simulations** [HS66, KA88, LS81a, Nic93]. **Simulator** [Cur65]. **Simultaneous** [CBHH61, Rei87]. **Single** [BLP09, BE62, BNM+21, Brn76, BJ+82, Car58, DCTK92, Elg54, Fra65, HKN18, RR64, RS94b, AGL00, BL04a, BP03b, CKL+07, KRV09, Tho99]. **Single-Class** [DCKT92]. **single-commodity** [CKL+07]. **Single-Ended** [Bai66]. **Single-Exponential** [RS94b]. **Single-Scan** [RT64]. **Single-Source** [HKN18, Tho99]. **Single-Step** [Car58]. **Single-value** [BLP09]. **Singleton** [HS21]. **singly** [BAP06]. **singularities** [Pel98]. **SINR** [AEK+12]. **situation** [PR99]. **Size** [BP89, CCSS14, Cha75, FE76, GL76, GLV12, Mor62, RV87, Rid76, Rob71, Wol65, Raz90]. **Size-Time** [BP89]. **Sizing** [AG73]. **Skeletons** [Mon68, Mon69]. **Skewering** [MCK78]. **Skip** [JRS+14, JRS+14]. **Sleep** [Leu93]. **Slepian** [BZ23]. **Slotted** [Tob82]. **Slowing** [Clo87]. **SLR** [ML76]. **Small**
[BIZ18, Cla95, Hås21, RC86, KSW09, SM02]. Small-depth [Hås21]. Smaller [AM85]. Smallest [Gin58, Man75, MB83]. Smallest-Last [MB83]. Smooth [Aki70, Eda22, ES17]. Smoothed [AMR11, BR15, ST04]. SMT [BBEG18]. Snapshots [CG18]. SNOBOL [FGP64]. Sockets [BFM19]. soft [Cha00a]. Software [GO96, McL84, WB97]. Sojourn [BKK84, Kne93, McK87, MY84]. Sojourn-Time [MY84]. Solitude [AAHK94]. Solution [BJ66, Boj84, BKT67, CG70a, CG67, CM60, CM61, Col58, Cry70, Cur63b, Don59, EC68, Fis56, Fis58, Fra60, Fra58b, FrE63, Gau59, Gau60, Gla65, Gra55b, HST76, Her74, HW67, Hoc65, HP59, HJ61, Hou58a, Kac79, Kar68, Kro67, Laa58a, Lan59, McC73, MR59, MR60, MR62, MP59, Mou65a, Phi62, Phu76, RGG67, RKN75, SB82, Shi80, Sta56, Sto73, SW68, TW61, TW84, Two63, Usm66, Was81, You56, Zoh74, vdLL86, CR86a]. Solutions [Abd71, BGP17, BH65, DLNT3, DDFS14, Ehr59, FGYZ21, KIM81, Laa58b, Lam86b, LV57, MO68, Osb61, Pap84, Sig67, SL71, You55, Noe79, MW84]. Solvability [AF67, Coo66, Di 73, GH64, MRR03]. Solvable [BK14a, CC95, Fri63a, HZ80, LZ77]. Solve [BC81]. Solver [San69]. Solvers [ADG15, SK78, CCM12]. Solves [Sla63]. Solving [AV60, ADH15, Ber54, BV04, BBE18, BB94, CHT96, CLS21, CR56, CD60, Cry71, Ehr58, EG82, FOS14, Fri73, Gai83, GC65, GSV84, Has70, Hen70, IOS5, Leh61, LKK83, MS18, Mey85, Moo67, NOT06, QH68, Ram80, Rot70, SK77, Tar81a, Tho57, War57, Was71, RWM94]. Some [AIK84, Adi71b, AM70, Ble66, Bui79, Cau58, Chu61, Coh55, DH56, EHR84, Ear74, EF75, Fei03, FL74, FW74, Fre79, Gen78, GR63b, Hås01, Har64, Hib62, Hoa78, Hu69, IRT78, Ja’83, JSB2, Kap68, Kar67, KP90, Lio71, Lov72, Mai78, Man67b, MS74, Mit74, NJ57, Par61, P881b, PR99, Rei72, RT88, Rob74, Rut55, ST74, She67, SD69, Sri65, SR71, Tar83, TM73, Tsa74, Ukk82, Van67, WIl71, WM74, vDS89, P171, S171a]. Sometimes [EH86, Rei86]. Sort [GH86, NV95, RV87, Sob62, VH06]. Sorted [Wa88, Yao81b]. Sorting [Beu70, BN62, Col87, CS88b, DRS89, Flo60, Flo61a, FMT0, Fri56, Goe61, GK06, Goo11, Hib62, Hib63, H159, Hor75, Hor78, IS56, Leh57, Liv60, Mac66, Man79a, MBM89, MP75, Nag59, Nag61, NS82, NV95, Tar72, FCFM00, FG05, HP99, KLOW00, Tho07]. sorting-complexity [FCFM00]. Sound [Rei86, SAKS64]. Soundness [Bau85]. Source [AAJS17, AFGZ05, HKN18, Kam82, Lov77, Sch64, Tho99]. Source-to-Source [Lov77]. Sources [Par79, Par80, Kle99]. Space [AMM09, BG15, Con91, DEL80, DM81, DG62, ET76, GNP20, GS21, GS90, HHPW14, HSTV14, HPV77, Hor78, Ja’83, LT82, LS80, LED76, Log79, Lyn77, McC76, P89, Pip78, Raz19, Rei80a, Sav84, YUKY17, ATSWZ00, BSSV03, CRS01, FHS98, FLYMV05, Rei08]. Space-Bounded [Con91]. Space-Economical [McC76]. Space-Efficient [HSTV14]. Space-Time [DEL80, Log79, Sav84, AMM09]. Spacefilling [PB89]. Spaces [HHHN14, KSU19, MPM71a, MP71b, Smi71b]. span [VJ00]. Spanner [AB17]. Spanners [ES15, FRK15]. Spanning
[Hwa79, KKT95, PY82, SL15, Sup83, ACK08, Cha00b, CHL01, HdlT01, PR02].

**SPARKs** [EFKP22]. **SPARQL** [GUK16]. **Sparse** [AHPW19, BBS86, BSV20, CEG86, EGGI92a, EGGI92b, FKS84, Gri86, GLW70, Joh77, Kam87, LS86, Lyn75, TY79, Wag76, CE00, CFM10, DKT13]. **Sparsifier** [KN14]. **Sparsification** [DV14, EGIN97, YA13]. **Sparsity** [CW17]. **Spatial** [CFGS22, KKD04, BKL06]. **Special** [MW86, ZL58, LV09, VV09]. **Specifiable** [Hul84]. **Specific** [Pet62]. **Specification** [AV89, BFM19, Ehr82, BSV20, CEG86, EGGI92a, EGGI92b, FKS84, Gri86, GLW70, Joh77, Kam87, LS86, Lyn75, TY79, Wag76, CE00, CFM10, DKT13]. **Sparser** [KN14]. **Sparsification** [DV14, EGIN97, YA13]. **Sparsity** [CW17]. **Spatial** [CFGS22, KKD04, BKL06]. **Special** [MW86, ZL58, LV09, VV09]. **Specifiable** [Hul84]. **Specific** [Pet62]. **Specification** [AV89, BFM19, Ehr82, BSV20, CEG86, EGGI92a, EGGI92b, FKS84, Gri86, GLW70, Joh77, Kam87, LS86, Lyn75, TY79, Wag76, CE00, CFM10, DKT13].
Doy23, EY15, Gil63, HMZ13, HY75, Hof77, Igl76, Nel69, Sch72, Shi69, EY09, FPS98, GE01, MSU99, SPK13, SS06b]. **Stochasticity** [JNG+21].

**Stock** [Hal99a, Hal99b]. **Stopping** [DRS90]. **Storage** [ADW68, BCW85, Bau58b, CCF88, CM74, CC76a, CC76b, CR56, DL56, Eli74, Fra69, FM70, FB75, GL71, GH68, GL88a, GM73, GM75, GS73, Gup79, GM70, Hof84, HWB56, Kar67, MW78, Men65, PRR74, PK80, RS67, Rob71, Rob74, Ros74, Ros75, Sni79, Tra63, TS81, YW73, AKMS11]. **Store** [Col71a, Rob71]. **Stored** [ER64b]. **Storing** [FKS84, Sin86, TY79].

**Straight** [GJL21, HL76, IM83, IL83, JS82, Kal88]. **Straight-Line** [HL76, IM83, IL83, JS82, GJL21].

**Strain** [Per54]. **Strain-Gage** [Per54]. **Strand** [Her74]. **Strassen** [CGS15]. **Strategic** [GT23]. **Strategies** [DP85, EG82, HWW90, HR91, Joy76, Mul78, Sch72, Tay93, Wan80, BLP09, CBDF+99, CC04, SSS96].

**Strategy** [ADU72, Ber63, FB72, HMZ13, LS87, WRC65, AEU00]. **Strategyproofness** [BBEG18]. **Stratification** [Ros94]. **stream** [Ind06]. **Streaming** [AD17, BEJWY22, FNFSZ23, HKM+22, PMH09]. **streams** [CMY12, SGP11]. **Strict** [Set82]. **strictness** [SRM97].

**String** [BGK+22, CP91, FGP64, Gal81, Gal95, HSTV14, LW75, Man75, RPE81, SMK18, WF74, WC76, FG99, LMW02, Mye99]. **String-Matching** [Gal95]. **String-to-String** [LW75, WF74]. **Strings** [HS21, BLSS03, EGG00].

**Strong** [BE97, BGN+22, GJ78, Jai15, CHL96, SW01]. **Strongly** [CM93, HMZ13, OY20, Wee65, Wee67, IFF01]. **Structural** [Gla91, Ros68, Pit06].

**Structure** [AGOW66, Bav68, BDFS84, BGK+22, Bot62, BM62, CB72, EV62a, EV62b, Gre65, Har63b, Hay75, Lad75, Lon62, Ram88, WYCF14, Wee62, Wei66, Zel72, ARV98, AM09, Cha10, FN10, FG99, HS99, MT88]. **Structured** [BB85, DEL0, GPV89, HL76, HY77, NV02]. **Structures** [BHR84a, Bru76, FLO9, Fre83, GUK+16, JT75, Kow79, LED76, LRY80, Oeh63, Opp80, Pf72, Ros79b, Sta70, WS76, WL85, vO93, AACH12, BL00, Fre99, FG01, Shi10]. **Structuring** [Bak77, Gil68]. **Students** [Til58]. **Studies** [LR65, Sal73, van72].

**Study** [BM83, BF61, CvH65, DVS+C77, IWS55, MF63, O’C65, Ras70, Rei79, Ros83, RKN75, YR64, JS96, LBNS09]. **Sturm** [Ort60].

**Sub** [CDG+20, KMRZS17]. **Sub-Polynomial** [KMRZS17]. **Sub-quadratic** [CDG+20]. **subalgebras** [KJ03]. **Subclass** [GF80, NB95, SW82]. **subclasses** [DKT13]. **subconstant** [MR10a]. **Subcubic** [WW18].

**Subdivision** [MP91, CE00]. **subdivision-based** [CE00]. **Subexponential** [ABS15, BBB+21, DFHT05, Yek08]. **Subexpression** [DST80]. **Subexpressions** [AJU77, PS80]. **Subgradients** [Eda22]. **Subgraph** [Ull76, Yan79]. **Subgraphs** [BGL+22, Wi84]. **Subgroups** [Cha16].

**Subinterval** [Ric74]. **Subject** [Ano95b, Ano98c, LS65, O’C65]. **Sublinear** [Bar16, BSKK+16, CGL+22, CHW12, Elk20b, GS90, KSY14]. **sublinear-time** [KSY14]. **Sublogarithmic** [HSS18]. **Submodular** [DV16, FNFSZ23, IFF01]. **Subnetworks** [Dad88]. **Suboptimal** [Glu63]. **Subpolynomial** [DG16]. **Subproblem** [de 86]. **Subquadratic**
Mey65, MS59, NBC72, OM78, Par79, Par80, Paw80, Pen65, PS70, QH68, Rah70, RG67, RY91, SM64, SC80, SK78, She59b, SAKS64, Sto73, Swa80, Swi57, Two63, UW87, Wan78, Yer66, BG96, Cor03, HHR97.

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