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Title word cross-reference

#13843 [Coo81]. #2759 [HN79]. #BIS [GSVY16, JKP20]. #BIS-Hard [JKP20]. #BIS-hardness [GSVY16]. #CSP [CCL16, CLX17]. #P [LS13].  
#P-Complete [LS13].

#BIS [GGJ16]. #P [Sto85]. (1 + \(\varepsilon\), \(\beta\)) [EP04]. (1 + \(\varepsilon\)) [FFKP18]. (2 + \(\varepsilon\)) [AGH17]. (2, 1) [Sch16]. (2n - 1) [Çam03]. (8, 5) [Bro99].  
(\(\alpha\), \(\beta\)) [Efr05]. (\(\Delta + 1\)) [BEK14, CLP20].  
(\(\leq k\)) [Cha00]. (log \(n\))2 - \(o(1)\) [GH98].  
(N, +) [RS07]. (MOD\(p\) - MOD\(m\)) [GT00]. 0 [CKR04, KKR09, Lip78, MS04, SSSS11, Shi79b]. 1 [BG81a, BP02, CM13a, HHH05, Lip78, McI74, MS04, SSSS11, Shi79b]. 1.5 [BMK07]. 1.6 [GL87]. 1.998 [Xia13]. 1/2 [KMZ18, BFNS15]. 1/8 [Tho18]. 12 [KS17a]. 2 [BHK97, CHKZ03, DH13, Fre97, FG82, GR05, GI92, GLW82, Häsl98, Häsl14b, HHH05, HJW85, IKW12, Kap00, KC96, KMW75, KN08, KS17a, KP98, LW98a, La 00, LW80, MPRS79, NZ01, STP94, Sit14, Ste97, YS93, ZH05]. 2, 3 [RS78]. 2 - 3 [BH81b]. 2 - \(o(1)\) [GMPT10].  
2.5n [Pau77]. 2(log \(n\))\(O(1)\) [KS17a]. 2 \(\times n\) [AT77]. 3 [AES99, ASS16, ABS07, AK97a, AK11, AS97, BHI+13, CF86, CPPW12, Efr12, GI93, GN16, GLW82, GKK16, Her14, Hwa80, La 00, MPRS79, Pel94, SS12a, Sch13, SCY00].  
3 \(\times 3\) [JM86]. 4 [FLMS15, GB82, Jac90, KMSV13, KS17b]. 4n [Zwi91]. 5 [BDD+16, HCD89]. 8 [ENZ00].
\[ X + Y \ [JM78]. \ X_1 + X_2 + \cdots + X_m \ [JM78]. \ Z \ [MW99b]. \]

* [IQ19]. *-Algebras [IQ19].

- Adic [Lau83, Loo83]. - Approximation [BDD+16, BFNS15, ENZ00, MRT07, NZ01, FL12, Swe99]. - Approximations [NR13].
- Dimensional [AES99, HJW84, KM75, Pfl83, Schro84, Vai88, DL90, HJW85, LW80, Yoo82]. - Discrepancy [AKOT03]. - distributed [Fus88]. - DNF [SBH04]. - Dominant [HTC13]. - Edge [GG12, G192].
- Edge-Connected [GI93, La 00]. - Edge-Connectivity [Fre97]. - Embedding [FFKP18]. - Extension [CRK04, KKM19].
- Vertex [CVV03, FL12, CKT93]. - Way [BP02, Fab77, KY07].

0.2ex

1/6 [AM05]. 13 [FJ90b]. 14 [Lan91, Lon88, SWCP96]. 16 [Vai90]. 17 [Col93, Kad91].


3-Colorability [KLR03]. 3-Dimensional
3-Stage [CG07b]. 3CNF [BSHR05].

5-Independent [TZ12]. 57 [HN79]. 58 [Coo81].

6 [HN79].

7 [Coo81].

8 [HH80]. 80h [HH80]. 85c [FJ90b]. 86d [Lan91]. 86m [SWCP96]. 87h [Lon88]. 87c [FJ90b]. 88d [HH80]. 85c [FJ90b]. 86d [HH80]. 85c [FJ90b]. 86d [HH80]. 85c [FJ90b].

= [Mei13].


Acceptance [Saf06, KR88]. Accepted [Boo72a]. Accepting [Mor82]. Acceptors [BNP74, FG82]. Access [BAG01, BLR+15, DK15, DKPR96, DGLV10, HLR96, LL92, PY91, SZ76, CDR86, IP87, KVP88, KMST87, Lan85, Lon88, SV84, Wil86]. Accesses [BP20]. accessing [Wil89].


Acknowledgment [GJKP04]. Acknowledgment-Based [GJKP04].

ACM [AGK+99, AIM16, Bab06, CDG11, CR17, DKL18, EvMP12, FGKO08, IKM+12, MS16, PKS+13, SK18, VNA20, AKS09, Vit85b].

Action [ABR90]. Acyclic [BKS92, Dur10, HPT99, HP99b, HL96, Pro86, TY84, TY85].

Acyclicity [BRV16, GP04, TY84, TY85].

Adams [AM13, TZ17]. Adaptive [BTT97, AF01, BN89, CLP16, CS03b, CG94, DKKP99, FRV10, Gam03, LW98b, LZ00, Mes10, SRR95, GMR88]. Addendum [BX92, TY85]. Adding [CM13a]. Addition [DL80, DLS81, FR75, FK90, KK77, Thn99].

Additional [Mer01]. Additions [BC76, Kal95]. Additive [ABP18, ADL18, BKN10, GK98b, LS13, Pro76, Ris85].

Addressable [MO74]. Addressing [HS75, Yao78].

Adiabatic [AvDK+07, ATS07]. Adic [Lau83, Loo83].

adjacency [ACM84b]. Adjoining [PSW90, Ra96].

Adjunct [Lev76].

Adjusting [KS20, ST86]. admit [Tom82].

Advance [Fis05]. Advanced [FRS03].

Advantage [Amb16]. Adversarial [AB04, AKU05, AKK08, BGL04, BE17, Gam03, LPS04, MNS11].

Adversary [ACH10, Mac97].

Advice [AD14, CEEP16, HS03, KT94].

Affine [BSK12, BSRZ15, BGWZ20, HL14, MRRS07].

Affordable [FK00]. Again [KPS94].

Against [KQT99, AN93, AL18, CW04, CS03b, Fis05, GMR88, TS11, Wat09].

Agents [DDD11]. Aggregate [CP12].

Aggregation [CTX10].

Agnostic [FGKP09, FGRW12]. Agnostically [KKMS08].

Agreement [AK97b, AF01, CFCH+00, DS83, DGP07, FM97, FBGSV15, GGP11, GM98a, HNO+20, HMW01, MRRS07, SZ00, TPS87, WBZ13].

Ahead [Smi76]. Ajtai [Mic04].

Algebra [BPSV04, BT83a, BKO88, Hal75, HR87, HS87, St079].

Algebraic [AL18, ALRS98, AEZ20, BAG01, BOC92, BCE95, CC86, CCC+13, GSY95, GK98b, Har09, HHH04, JB90, Lan85, Pri86, PM03, Rei86, Ren92, Rie99, Rie02, Sen09, SH96, Yao91, Yun79, vzG84, ACM84a, ACM84b, GJS82, Lan91, Len87].

Algebras [BS00, Blä04, Bslh94b, BJK05, Che08, CS07,
Algorithm
[AT77, AFB94, AM96, Amb07, ALW08, AV09, AS10b, ABH98, AR98b, Bak86, BHI+13, BDG19, BBR89, BMKM07, BFG03, Ber76, BKH98, BC00, Bod96, BDD+16, BS14, Bra98, BT94, BFP89, BCM+15, BD06, BCG92, BA10, CFJ+10, CL77, CBBG05, CW75, CKT99, Cha92b, CMS18, CH95, CHM96, CVV03, CKS17, mCL04, Cla88, CP05, CO10, CSSS89, Col94, CFCH98, CPPW12, DKLR00, DDY16, DHR20, DK15, DR95a, Dow90, DLR95, ET93, Eft16, EW03, EK05, EiC17, ESY17, EL86, Eve75, ENZ00, FL12, FKSV02, FBL03, FW74, Fil19, FIN20, FV13, FR94, GP90, GM91a, GKS98, GMSV15, GW77, Gär95, Gaz91b, GL80, GM91b, GHW10, Gol08, GJS19, GR16, HL05a, HC99, HU75, HT98].

Algorithmic
[ACOH+10, AMT07, AHLM07, BKL99, CR00, DD13, DR14, FGS85, GR11a, Hal08, HV20, HNR08, KV10, KV12, Kol18, LLRS01, RTL76, SMW07, SW10, She20, The02].

Algorithms
[Aar03, ABW18, AIK19, AG94a, AS90, AW01, AS05a, AP06, ANFSW20, AOST94, ACC+11, AAEvZ12, Alb98, AS05b, AAT97, Amb16, AK97b, AS17, AW97, AKK08, AALM90, ABHK11, ABD+07, ABP19, AF01, Aur87, ABSD+98, BR08, Bak97, BCS08, BB12, BGNV18, BN04, BGNR08, BRR04, BK10b, BHL18, BCN+20, Be090, BCK+07, BH98, BS93, BDK00, BMS13, BGSW19, Bro78, BGKP99, BM02, BGK+08, BDH+05, BT05, BY98, CLX17, CR04, Cha10, CGH13, Cha98a, CK09, CKR01, CG05, CL05, CHK10, CS18, CKL+09, Che97, CN85, CT90, CCH+16, CCS2, CS03a, CMS14, CL09, CM94, CK04b, COS99, CV18, CSA76, CP16, CLM+20, DKK+19a, DDH+09, DG05, DV15, DHH96, DS94, DKR96, DS83, DH04, DKOm06, DKOm0b, DKOm0c, DKS89, EGH07, EG05, En099, FHL08, FW98].

Algorithms
[FBGSV15, FFK+98, FM03, FW76, FKTV08, Fra91, FKH78, FS89, FNR15, LGK82, GT89, GG12, GI92, GS17a, GPT00, GK07, Gav92, Gav72b, GI92a, GLM+99, GMR98, Gie95, GHSZ08, GKK90, GNS09, GPT92, Gol95, GJL97, Gop89, Gra94, GM00, GKS90, GQ17, GLN02, GPR91, GMFB87, HLJS14, Hal02, HPQ17, HT84a, HKM08, Har20, Har90, HKSS17, HL86, HN94, Hol73, Hol74, HR73, HM99, IL04, IKS10, IQ19, J98, IYW16, JC91, J080, JT10, JNS06, JK82, JK20, JS93, JDU+74, KKL09, KQT99, Liu81, Lub86, MN88, MNS85, May84, MD73, Meg83b, Mil88, MT87, Mye85, PST88, Ryt80, SW85, SWCP96, Sch88, Sch78, SS81, Sha79, SCH92, Shi79a, Shi80, SW89, Sys81, TV88b, TV88a, VR89, dG83, BKPS06].
[AAK^+06, Mai79, YR92].

Ancestor-Controlled [YR92]. Ancestors [AHU76, HT84a, ASSU81, SV88]. AND-OR [ACR^+10]. AND/OR [GL95, MSS04].

Angular [ACK^+99]. Anisotropic [BWY15b, BRLW19, CNVW08, CNVW10].

Annealing [BSVV08]. Annual [AGK^+09, AKS09, AIM16, Bab06, BBS13, BSO14, CDG11, CR17, DMY91, EvMP^+12, FGKO08, HIMW16, IKM^+12, KR520, LMOT14, MS16, MV18, PKS^+13, Rou15, SK18, VNA20]. Anomalies [Cha89].

Anonymous [SY99, SY06]. Answer [BKN09]. Answering [Cha86, Ull16]. Anti [ESV20]. Anti-Concentration [ESV20].

Any [ACR^+10, Auss10, HNO^+09, Hai13, LH00, Bie90, HILL99]. Application [AFB96, ABD^+07, AV09, Asa87, AKOT03, Bak97, BXL06, BGVO0, BGSO7, BvMr^+00, CGJ87, COS2, Dye86, Gav72a, GS00, GR17, HOS00, Maz76, NSH^+08, Ram94, Sch98a, ST13, SOAD09, ASSU81, AKPW95, BX92, PCHM85, Pla80]. Application-Controlled [BGV00]. Application-Specific [GR17].

Applications [AS90, Aga92, AAS97, Aaos97, AES99, ASO5a, AGo^+14, AEZ20, Aur87, BCS10, BYGNR98, BG09, BBR04, BSG06, CGH^+89, Cha06, CHP20, CC07, CRS95, Cha98b, CC99, Che09, CLLO5, CSL19, CPS16, CRS14, Coh16, CV88, DHRR97, DKS513b, DN07, DSO0, EN19, ELRS03, FM03, FMS10, FPW07, GR02, GYV96, GKK^+09, Gel75b, Gip20, Gla85, GV05, Han96, HPM06, HN10, HC99, HRZW20, HS90, IM85, Iq19, JIR13, KL09, KRS12, KM97b, KLP96, KLL^+15, KPST94, KR78, LP77, LLRS01, LT0, LATV17, MTZC81, Mic04, MR91, NN03, NSV94, NR13, PW11, RSN4b, RW00, RS66, SS11b, SJ05, Sro06, T212, Ver97, AB79, AK88, BCD^+89a, BCD^+89b, CW83, EW86, Fed87, Fre85, GGT89, GI80, Iba78, IKM85, LW80, EOS86]. Applied [GR93, HM73].

Applying [DG93]. Approach [AT98, ABF94, BLMW11, Cha86, Cha98b, CPT96, Duv91, EC95, GR17, GPV94, KS97, KKR02, LV95, LNRW10, LZN6, MS01, Pre81, PM03, Sub94, WY07, Cha88, Gus88a, HS88]. Approaches [EGOS07, FG85].

Approaching [KMP14]. Approxiability [ABF^+99, BK11, CG10, DFHS08, JKK06, KTW99, KMSV98, Tre00, Von13].

Approximate [AC09, AA89, AS10a, AF03, AdFM18, AR98b, Bar18, BK10b, BSRZ15, BLR80, BP15, BUV18, BT20, CR10, CNVW08, CNVW10, CJ14, Coh95, CV88, CH02, DY10, DMR09, DKM06c, EN19, EKR01, ENRS99, FFT20, FKS02, FMS10, FMdR10, Fri90b, GP90, GYV96, GS73, GLPS12, GHS02, HP99a, HPK13, HK11, HKN16, IJK90, JP05, KS96b, KKM^+11, KOR00, LPSR09, LP13, Mat91, Mit99, Nat91, Nat92, Nat95, NTTZ16, OPS04, Rei99, RZ12, Sch98a, SY12, TU93, Vid16, Wad78, Vid20].

Approximately [BDG99, CDR10, DFJ98, ELRS17, GGJ16, KM13]. Approximating [AN06, AO12, AHP08, BNGNS01, Bar18, BDKR05, BI06, BT15, CM99, CG12, CRT05, CGYZ06, CT00, CV14, Cis18, CLFS97, CEF^+05, Dkm06a, ERS20, EP09, FMS02, FHKS02, GG10, HPK15, JS89b, KRY95, KR05, KN05, LS16, LNWO19, Man08, MR12, NS00, NSH^+08, Nut10, RRRS09, Ren92, SV18, TY97, VA00, VVYZ07, Ren89].

Approximation [AS98, AW01, AAEVZ12, AM04, ALW08, ABHK11, AK03, AHIK10b, AS10b, AR98b, AABV98, BRS08, BCS08, BCS10, BYGNR98, BBR04, BKG16, BHL18, BCNWO9, BPU92, BMMK07, BK15, BGG^+19, BCK^+07, BDD^+16, BSW14, Bra98, BKVL11, BFN515, BA10, CRK04, CGL97, CMN10, CK05, CHK10, CS18, CM01, CV03, CS03a, CAKM19, CAdVdM21, CFF^+12, CKST99, DDR11, Dkm06b, DLR95, EW03, EK05, Elko6,
Approximation [Man95, MHSR98, MBCV98, Mit99, MW99b, MR07b, MRT07, MRR15, NZ01, NSS00, PW04, PR17, QS06, RV98, RR04, RB91, SHK12, SSW94, Sri99, SVV12, SF11, SS12b, Swe99, TSSW00, Vel85, WJG00, WLL99, YYI12, Zim98, AKR95, CNS82, GL87, Hal75, HS88, Lag85, Mur87, Pro88, Sto85].

Arithmetic [AIK14, BHH95, DL91, DKSS13a, DSY10, Ebe89, GKKS16, Hoo90, KLSS17, KM75, KS15, KS17b, KS19, MVW04, RSY08, Sh09, AB79, BJ89, GJ82, HH79, HH80, MRK88, Ren89]. arm [AK88]. Arm [ACBG+17, BSS14]. arms [HJW85]. Arrangement [AMS11, CEG+93, EiC17, HP00b, SSSV01, Shi79a].

Arrangements [AdBMS98, AMS98, AES99, AS05a, EOS86, ESS93, Mat91, PS91, Rie99, Rie02, EW86]. Array [AHHP00, Kos75, Kn88, RL88]. Arrays [AB98, Bo76, CMS97, FH11, GV05, IJ87, Lou83, MM93, Ros75a, Ros75b, Sei77, Bak78b, IP87]. Arrow [Jai07]. Arthur [CCM+19, KLN19, San09]. Ary [Rus78, Tro78]. Ascending [NP97]. Aspects [BL99, Cy93b, GJR11a, Hal08, LLRS01, MS76a, RTL76]. Assembled [SW07]. Assemblies [CGR12]. Assembly [AKK+09, ACG+05, CD17, Dot10, SW10]. Assertion [Mis77]. Assertions [AM80]. Assignment [DR06, ELRS03, FKR95, FS07b, JR20, Sot13, Wal79, AL88]. Assignments [CVY19, KB76, Gus88b]. Associate [BP90, Bro90, Bsh94b, FS87, Har85]. Associativity [LL00]. Assumptions [AHR96, CLP16, FLS99]. Asteroidal [CO89]. Asymmetric [FKR95, FS07b, FSS13, Sch04a]. Asymmetry [She18c]. Asymptotic [Chi76, CKL98, CW82, Gav72a, GK96, KMST87, KS00, MM83, Sze93, Tsa92, Fat74, Mit85, Sto79]. Asymptotically [CSW98, HM91, HP98, Bit82]. Asynchronous [AG91, CIL04, CN99, CP05, FYO+15, HS06, JT73, Ma05, MPS92, MMSA93, MRRT08, Nis94]. Asynchronously [DPV15]. ATM [SV00b]. Atomic [AR98a, DGLV10, GHK12, Hav04, LAB01, WS91]. Atomicity [GLLON18]. Attack [CS03b]. Attacks [AL18, Wat09, GMR88]. Attribute [May81, RU81, Alb85, Eng86]. Auctions [Ala14, GK18, KQ199, LB17]. Augmentation [ET76, FGG08, Gus87a, HR93c, SV18, FJ81, Vel85]. Augmentations [RG77]. Augmented [CCKM13, GM82]. Augmented-Set
[CG07a, CR05, FS07b, HSV05, KRS10b, KS06, MW99a, MRS18, SG04, Wad76, AAvK+13, CKP19, FRW88, HR78, PCHM85, VW85b, ZS89]. Beyond [BPS07, KP00a, Ver09, PR14]. Bézout [BG96, BG95a]. Bi [Kal85b]. Bi- [Kal85b]. Bias [ACG+16, HO14, NN93]. Biased [BST85]. Biclique [AMS11]. Biclustering [WLL08]. Biconnect [HR93c, RG77]. Biconnectivity [Hen00, TV85]. Bicriteria [FFFV19, GKPS08]. Bidding [KQT99]. Bidimensionality [FLST20]. Bifactor [BA10]. Big [FSS20, Sto79]. big- [Sto79]. Bilinear [BlÄ04, Bsh94b, GS12, HM73, JÁJ79, JAJ80, JM86, PR14]. Bin [BBGR08, BCS10, CGJ78, CGJ83, EL08, FL86, GPT00, IL98, RT89c, RH78, RT93, Rot16, Sve03, Mao93, Mur87, RT89d, RT89e]. Bin-Packing [CGJ78, GPT00]. Binary [AGMV00, AH89, Ara86, BYCDM92, CG97, CP18, LCC90]. Blocking [BD93]. Blow [RRW01]. Blow-Up [RRW01]. Blue [AS90]. BMMC [CSW98]. Boas [Wil00]. Bodies [KN08]. Body [And99]. Boltzmann [BFKV11]. Boolean [Kad91, Aar03, BS76, BNT98, BT15, Blu94, BH97, BEM10, CHG+88, CHG+89, CSW98, CK96a, CK91, DKR96, DG09, EP98, FMP82, Fr86a, GMP90, GM91c, GM92, GLV13, HR97, HW02, HS90, Kad88, KMS18, Kut91, LWY20, LW18, MI97, MII99, MP77, MTV10, Pau77, Pra75b, Prs97, Vai86, Vio20, Zwi91]. Bootstrapping [BST95]. border [BC87]. Both [IKK+11, CHPW98]. Bottleneck [EKS00, WL95]. Bottlenecks [Sch79]. Bottom [BJK+94, CCH98, Jor87, SW76]. Bottom-Up [Jon87, SW76]. Bound [AG94b, AM05, BBGR08, BDG19, BHK+19, Blu94, BG92b, Bsh89, BT20, CR10, CR12, Chi76, CKL98, Cyp93a, Elkö6, Ezr16, FKR95, Gil98, GM98, GJP04, Gra90b, HR03, Jre88, Kan05, KLX10, KLSS17, Kla07b, KRT17, KM98, Lin84, LP13, Mac97, Mehl77, Pau77, Pra77, Pra90, Pau98, Ram94, Rao11, RSY08, RV01, SS11a, Sch81a, Ste97, VZ13, Wal98, Cha84, Gra88, Kal85a, KK86, Lie89, NMA88, Zwi91]. Boundary [PT02, BH87]. Bounded [AB19, BKN10, BKO10, BFG+19, BH98, BNP74, BL93, BEG+02, BGK+18, BS19, BV+00, BL02, BLOF, BOBP+04, CFLY11, CG12, Cha92a, CGL97, CKLW01, CJL03, CXY04, CGZ06, Che05, CW07, CDR10, CSS09, DFS08, DFK+19, DGI+10, DS97, DMW05, DSY10, DPU88, Ezr16, FRR+14, FKKP18, FRN15, Gal77, GKRdW09, GKL13, Gra74, GM91c, HLV18,
HB94, Hit07, KS11, KMSV13, iKK18, Kel06, Ko91, KR02, LS13, LMS98b, LL90, LPPS17, Lu14, MS99, Mer02, MSZ11, NT05, NR73, OW91, Pat13, RS03a, Sag88, SS12a, SZ76, Wag90, vMP19, HJW85, KF80.

Bounded-Curvature [GKL13].

Bounded-Degree [CSS09, LMS98b].

Bounded-Depth [BOBP + 04].

Bounded-Difference [BGSW19].

Bounded-Error [GKRdW09].

Bounded-Genus [Lu14].

Bounded-Quantum-Storage [DFSS08].

Bounded-Round [BGK + 18].

Boundedness [HW93, Mar99]. Bounding [CI98]. Bounds [Aar06, ABP18, AG91, ASSS16, AOT89, Alb99, ABS07, ABC + 13, AvMSS12, A095, AHHP00, AdBES14, ACHAI16, AGM13, ACH10, ACHP19, Aza92, BNK + 89, BE98, BFL06, BC91, BPS07, BB116, BAG01, BGLL09, BD14, BKR500, BDFP86, BGK + 18, BKS15, BOBP + 04, CW04, CK17, CG10, CEEP16, CW94, Cha94, Cha98b, CKFX07, CLS19, CFHM20, CS80, Col94, CPZ295, CH97, C5W98, CG07b, CK96b, DP94a, DvM06, DDM + 94, DMM97, EPA99, Eri99, EP98, FX15, VF16, FGLS14, FLMS15, Fre76, FL83c, GR05, GI10, GG91, GG92, GG75, GMWW17, Gaz91a, GMP98, GGT05, GadHW96, GIS77, GP18, GM18, GKS08, GTO0, HHRS15, HST97, Her14, Hit07, HY20, Hya76, IKKP19, Ja80, JTT00, JMP11, JDU + 74, KKP93, KKH04, Kel06, KLL + 15, Kha07a, KRT17, KR05, KRO9, KM75, KMR298].

Bounds [Kut02, Lan14, LMO8a, IWY20, LM99, Maa97, MST91, McD88, McI74, Mul99, MW20, NH90, PS97, PY91, Par77, PD06, PT09, Pta11, PVZ16, PS12, PSWvZ17, Q506, RSS09, RS03a, RKS12, RC03, RZS02, San09, SWK09, SLW + 98, SBI04, SvSE03, Srl96, Shp03, Sim97b, SS95, SF11, Tom92, Vio12a, Vio20, Wil13, Yao80, Yoo91, Yun79, Zha09, dBBKB + 20, AARV21, AV87, BD86, CGJT80, CR80, CDR86, Cun86, FMP82, Frl81, FrI87a, Gol81, IlI89a, IlI89b, KRR94, Mao93, Sta80, Wil89, Zel88].

Box [BP15, CKPR02, CPS16, DR14, HIK + 11, Vin04]. Boxes [AES10]. Boyer [AG86, Col94, GO80, Ryt80, Sch88, TU93].


Cables [GJ00]. Cache [ABD + 07, BGV00, BDFC05, LL00b]. Cache-Oblivious [ABD + 07, BDFC05]. Caching [BBN12, KK00]. Calculation
calculations [Sto79]. Calculus [ABSRW02, DCDp98, FLN^+15, Wad76, Wad78, vT04]. Call [LMSPR01, Hen80, Oya93]. call-by-name [Hen80]. call-by-need [Oya93]. call-by-value [Hen80]. Can [ACR^+10, Baz09, CGG01, DFHS08, KLN^11, Koc92, MNS10, Ram96, SW19, CBH84, DL80, Htz82b].

Chaining [Cha94, DDMM05, VC85]. Chains [BH75, CDG^+06, DLS81, FW98, Ktt02, Thu99]. Challenge [AMT07]. Change [BFP89, HN02].

certificates [CKT93, FK89]. Certifiably [Zuc19]. Certificate [Pra75a].

Candidate [GGH^16]. Certain [Zuc19]. Centrifuge [Rhe87]. Centers [GMP99]. Centre [Dye86, MT83].

Certifiably [Zuc19]. Certificate [Pra75a].

Catastrophically [BG98]. Categorical [YH90]. Category [Lut90, SP82]. Category-theoretic [SP82]. Catenable [BST95, KOT00]. Cauchy [CDM^+16].


Cellular [CPY89, DSO2, ELRS03, IJ87, Kar92, IKM85, Ron82, YI83]. Center [Tho05]. Centers [BGK99]. Centre [Dye86, MT83].

Chosen [BCHK07, CS03b, RS10c, GMR88]. Chosen-Ciphertext [BCHK07, RS10c]. chosen-message [MGR88]. Chow [OS11].

Chromatic [FLS04, HSV07, McD79, CG73]. Chromosomal [WW06]. Church [Ott86].

Cipherertext [BCHK07, CS03b, RS10c]. Circle [Kel06, Hsu85]. Circuit [AG94b, AGvM^+18, AM05, AvMSS12, AIK^+20, AIKW15, BFL06, BH12, BMPT97, CCH98, CW04, CH85, FY96, GJT76, IR78, Jac90, LR86, MW20, RY96, San09, Ven92,
Vio14, Wil18, GB82, KS85]. Circuit-
[FY96]. circuit-size [KS85]. Circuits
[AGKS15, ASSS16, AHM+08, AKW90, 
AKI14, BHC86, BP90, BT15, DR95a, DS07, 
DSY10, FRR+14, GGH+16, GH98, GK98a, 
GK98b, GT00, GKS16, Has14a, Hao90, 
IPS97, ILPR81, Jol75, KMSV13, KW98, 
KS17b, KS19, Md76, MVW04, MTV10, 
MT99, PRS97, Rs03a, RSY08, Re86, RT90, 
RT92, Ros18, SW93, SSt2a, She09, She18a, 
She18c, Shp09, Tar73, Val02, Vio07, MRK88, 
Rap89, SV84]. Circular
[APS93, Cha98a, DHH96, LSW90, Tuc80, 
VP03, Has85, Has95, Mn88, Sch92]. Circular-Arc
[Cha98a, DHH96, LSW90, Tuc80, Hsu85, Has95, Mn88, Sch92]. circulation
[Bet89]. Circumference
[CXY04]. Circumventing
[BBM13]. cities
[CP84]. Class
[Hz77, Khn05, Mt78, Ms08b, Qs06, Rs77b, Vég16, Ye90, Yun79, Kms83, Lp83b, TC84]. Classes
[Bas72, Bg98, Bn99a, Bb80, Bl84, Boo91, 
Bl99, BvM00, Bs03, Cs99, Cd72, 
Ck99, Dur10, Fl94, Gas87, Ig77, 
Imm87, Js08, KAI79, Kv10, Kv12, Kll90, 
Lut90, Lut03, Mac99, Mo90, Nat92, San09, 
Sxb83, Sie04, To92, Ven92, Wgn90, Bn78, 
Gg86, Rs81, Tt89, Vt89, Wey79]. Classical
[AA18, Byjko8, Dru15, Gel75a, 
Ksd10, Sg04, Sz08, Ss99b]. Classically
[Val02]. Classification
[C06, Cm16, Dn73, Ho02]. Classifiers
[Gmp00]. Classifying
[Bjko5]. Claus
[Sve12]. Clause
[Bp93b, Mmr95, Sa88]. Clauses
[Gal77]. Claws
[BDK00]. Client
[Ahk07]. Client-Server
[Ahk07]. Clique
[Abw18, Am05, Bg86, Bx91, 
Bkh+19, Cck+20, Cr05, Cpp16, Fgls10, 
Fgls14, Gav72b, Gp04, Kho06, Pu84, 
Ros14, Bx92, Has85]. Clique-Width
[Cr05, Fgls10, Fgls14, Gp04]. Cliques
[Akh73, Er820, Frs+20, Gav72b, Ks96a]. Clock
[Ahr96]. Clocks
[Bns18]. Cloning
[Kkw04]. Clos
[CG07b, Dhk98, Ldhx99, Nv03]. Closed
[Ck12, Ggl+13, Kmo8, Ls75, Inm88, 
Kmst87, My91]. Closeness
[Fly94]. Closer
[Ck96a]. Close
[Cla88, Grs98, Ks96b, Kpv14, Ms10, Pm89, Pj94, Sa85]. Closest-Pair
[Grss98, Ss98]. Closure
[ARV21, Bn99b, Bgj+12, Bn85, Bu09, 
Gkv06, Kmpht14, Ty91, Uy91, Sch78, 
Tom82]. closures
[BN78]. Cloud
[Blnz15]. Clustered
[Psz17]. Clustering
[Ac11, AaelvZ12, Bl16, Cc0404, Ch09, 
Chxl17, Fss20, Gk+12, Lnr10, 
Psz17, St13]. Clusters
[Cjm+06, Pn03]. CM
[Ls19]. CM-Orders
[LS19]. CMSO
[FTV15]. CNF
[Iwa89]. CNF-satisfiability
[Iwa89]. CNFs
[AB07]. Co
[Ekl16]. Co-location
[Ekls16]. Coalgecs
[Cs83, Pn88]. Coalitions
[An93]. Cocomparability
[Cdh13, Ds94]. Code
[Bgh+15, Fr80, Re80, Cw83, Mrk88]. Codes
[Adl18, Ae15, Al07, Bsgk+10, 
Bv18, Cglo, Cvg13, Ds07, 
Dgy11, Efr12, Fr78, Gy96, Ggr11, 
Ghh+17, Hrzw20, Hl04b, Ijko99, Jw80, 
Klr19, Ky09, Ks13, Kou82, Lar89, Mei09, 
Mei13, Ml00, Mn01, Pr99]. Coding
[Bshg+06, Be17, Cl13, Dfvw99, Dg93, 
Gmy12]. Coefficients
[Bgs07, Gan95, Lp78, St74, Fr87b]. Coffman
[Bt94, St00]. Cographs
[Cps85]. Cohomology
[Cen12, Gq17]. Coin
[Acg+16, An93, Ck17, Ho14, Ht17, Lt82, 
Ptw11, Rs02]. Coin-Flipping
[An93, Ht17, Rs02]. Collapse
[HH98, HHH05, Kwp98]. Collapses
[Hn09, Kv102, Og19, Kad88, Kad91]. Collapsibility
[Che08]. Collecting
[Abhk11, Avb98]. Collection
[Lar77]. Collections
[Bbd+86, Lsh05]. Collective
[Rs02]. collide
[Akr95]. Collision
[As90, Pj94]. Collision-Free
[Pe94]. Collisions
[Hhr15]. Collusion
[Gkw20]. Color
[Vp03]. Colorability
[Klr03].
Colorable [AK97a, KS17a]. Colorations [FW76]. Colored [KRSV08]. Coloring [AK97a, BX91, BEK14, CLP20, CFK+07, CH82b, CPPW12, DMR09, Gav72b, GKP04, GHS02, GHH+17, HMR98, Hol81a, KS17a, NV03, PS97, Scg98b, BX92, GKS82, MT84].

Colorings [BDGJ99, CV10, Eft16, ELRS03, GJ16, GLLZ19, Mol04]. Colours [GMP05, HMR98, KS17a]. Colouring [HCD89]. Column [BDMI14]. Column-Based [BDMI14]. Combination [DFHS08]. Combinational [HS79, Pau77, Zwi91]. Combinatorial [Ala14, AFNS09, AR02, BATS11, CL79, CS05, DHR20, DR06, EK05, EGH07, FG16, FW98, FW74, GS00, GRMZ13, JWW80, Lar14, LL00a, LB17, Mei09, Mur95, OPS04, SH96, SC79b, KP82, SS86b, ZR79].

Combinatorics [ADL18]. Combinators [YH90]. Combined [BGWZ20, MRRT08]. Combining [JNS06]. Comilexity [Iga77]. Comments [AI77, Fat74]. Commit [GHKT12]. Commitment [CK17, WS91]. Commitments [HNO+09, HHS15, LPS20, PR08a]. Common [AHU76, CHK03, HT84a, JLV95a, KMR87, ASSU81, MS84, Nor99, SV88].

Common-Face [CHK03]. Communicating [BOPH14, BK08, GR85]. Communication [ACT00, BGK13, BHY93, BYJK08, BBCR13, BTY94, BPS07, BH12, BNT+19, BE17, BGK+18, CR12, CCM+19, CFK+21, CKL98, CD18, DF92, FKN95, FX15, GKRdW09, GKK+09, GH17, GJL97, Goo99, GP18, GPW18, GPW20, HHS15, HR93a, HS03, Hu74, HY17, KLL+15, Kla07a, Kla07b, KOR98, LPPS05, LT91, NW93, PES6, PU87, PVZ16, PR20, PRS97, RT10, Shc12, She16, She18b, SZ08, Val8, WS91, dW03, AMS84, CG88, EMC85, HCAL89, Vit88].


Completeness [ABP19]. Completable [ACT00, BGK13, BHY93, BYJK08, BBCR13, BTY94, BPS07, BH12, BNT+19, BE17, BGK+18, CR12, CCM+19, CFK+21, CKL98, CD18, DF92, FKN95, FX15, GKRdW09, GKK+09, GH17, GJL97, Goo99, GP18, GPW18, GPW20, HHS15, HR93a, HS03, Hu74, HY17, KLL+15, Kla07a, Kla07b, KOR98, LPPS05, LT91, NW93, PES6, PU87, PVZ16, PR20, PRS97, RT10, Shc12, She16, She18b, SZ08, Val8, WS91, dW03, AMS84, CG88, EMC85, HCAL89, Vit88].
Complexities \cite{ACG05, HHRS15, dW03}.

**Complexity**

\cite{ABSRW02, ABHRW04, ANIM96, ABKPM09, ARS97, AFL08, ABL00, AF03, ACHP19, ABSD98, BGKL03, Bes72, BDKR05, BNT98, BLS84, Boo91, BCS94, Bra15, BGK18, BT10, BT80b, BL99, BD78b, Bsh94b, BFvMT00, BFL02, BJK05, Buer00b, Buer00a, BC03, BLMW11, yCLZ00, CLX11, CR12, CM13b, CGR12, CP19, CBGW13, eCY91, CG07a, CK12, CT90, CK95, CCC+13, Col94, CHP95, CH97, CK91, CLLS96, CW82, CZ06, CM16, DJP+94, DGP09, DO04, DGR99, DFG13, DF92, DFVW99, DHHM06, DG07, DRTC21, DS90, DF88, DG98, DG109, Efr05, Ej99, EI15, FK95, FHS96, Fre93, Fre76, FL94, GGP11, G91].

**Complexity restricted** \cite{KT94].

**Complexity-theoretical** \cite{KY10].

**Compliant** \cite{FHS96}. component \cite{Ham83].

**Components** \cite{FRT93, GI93, Gaz91b, HT73, KNP99, Kei85, La00, Pac74, SW99, Kao93, NS80, vzGS98].

**Composable** \cite{CLP16].

**Composing** \cite{GJ85}. composite \cite{FS86a].

**Composites** \cite{CP19b, Gop08}. Composition \cite{BLR15, DKM06c, GV05, Loh06].

**Compressibility** \cite{BL02, HN10].

**Compressible** \cite{CKL13}. compressing \cite{She18b].

**Compressing** \cite{BST95, CLM+20, Dru15, FFFV19, FNV13, GS91, KM99, Lu14, RS08, SS05a, SR97, Yac98, Yao85b].

**Compressions** \cite{KLST00].

**Computation** \cite{AvDK+07, ABO08, ALM97, ABT21, AL10, Aza92, Ben89, BG95a, Bis78, BCL75, CKM+14, CCM+19, CP12, DS76, GR02, GR05, GP96, GGL98, HK+11, HTS03, HHT97, HR97, HS75, HS82, HS84, IKOS09, IKK+11, KW97, LC89, LS90, MS08a, MN01, MW93, NS94, Reg96, Reg04, RT92, Sav74, SW19, Sei77, Sim97a, Vaz97, Wra78, Yao91].
BKRU94, CKT93, KS91, LW88a, Sch79].

Connectors [Pip78, Ngo05]. Connects [RW05]. coNP [BCMW17]. Conquer [CKL+09, LR89, ACG89, SR83].

Consecutive [ABH98, Kou77, SW94, Vel85]. Consecutive-Retrieval [SW94].

Consensus [AT98, ACH10, CIL94, DDR07, GHKT12, HY87, Jay98, KWY98, MR02, Rup00, SWK09, AW96].

Consequences [KW98]. Considering [EW12]. Consistency [AFL08, ACFW98, FRS03, GS00, GS17b, RSL84, SWPL11].

Constant [ABN15, ABO08, AIKW15, BMKM07, BOG92, BKPY18, BH80, BP90, BSW14, BM99, CSV84, CKS09, CL19, CVY19, Chu16, CGG+97, CGH+98, CDG+06, DSS90, EN19, FR06, FSS20, GKK16, GMM09, HH81, HO14, HW93, Koc92, LW98b, MOOY02, Meh18, MBCV98, MR08, Pap01, PP08, PPR09, Rao09, Re99, SW93, Sav01, She18a, She18c, Sie04, Vio07, WROM86, YY12].

Constant-Competitive [GGK16].

Constant-Depth [She18a, She18c, Vio07].

Constant-Factor [BMKM07, BSW14, MBCV98].


Constant-Time-Maintainable [HW93].

Constrained [AMS84, AW01, ABL+02, BJM00, CW98, EMSV12, GW95, HL04a, HL05b, MR07b, QS06, Sve11, Dev12].

Constraint [BYGNR98, BK16, BP20, BL00, BMPP19, BGW20, BM14, CCPV11, CM13b, Che08, CVY19, DR13, FV98, FH06, GS17b, MS07a, Mol03, MS07b, Vio04].

Constraints [Ado77, BC10, BJK05, BD06, BH13, CFW93a, EHRP17, EHJMO0, GG75, GJ75, GMN09, GL95, GGM11, HLL95, JL77, LNSS09, LP03, LS97, MS04, PT87b, SLC91, SU05, WL95, Ja85]. construct [LR88b]. Constructibility [Gef91].

Constructible [KKPV07]. Constructing

Cook [AdBMS98, BPWY99, EW86, Fri86a, GLN02, HRY13, HP99a, HP00a, HSS09, KM00, LP95, LS18, Cohl98, HY88, JM96b, Yao82, EOS86].

Construction [ABCP98, BATS11, BFU94, BFSU98, Cha00, CW83, CH03b, ES05, HPM06, HO02, LPSP05, Mei09, ML00, PR99, PR00, Plo76, RS10a, DMT88, MR80].

Constructions [BCF+14, EP04, GKKT05, HIK+11, Lau83, NN93, PR08b, GS03, Kla84, KMZ87].

Constructive [AEZ20, LM15, MY91, PPS00, Rot17]. contain [JK83]. Containment [CKS02, CvdM00, SH85].

Containment [BKPY18, CVZ14, CadHS00, GMR98, RU98].

Context [AP72, Boo72b, GL77, Gli03, Grah73, Gre74, HR78, JM96a, Kos75, Sav73, SS77a, Tai80, HCS83, Hum89, ORW85].

Context-Free [AP72, GL77, Gli03, Gre73, Gre74, HR78, Kos75, Sav73, SS77a, Tai80, HCS83, ORW85].

Context-Sensitive [BJM00, CW98, EMSV12, GW95, HL04a, HL05b, MR07b, QS06, Sve11, Dev12].

Contexts [LSV07]. Contingency [CDG+06, CDR10].

Continued [Jus92, Str83]. Continuous [CCWZ18, DDR07, Dun73, FPP11, HY20, LM82]. Contracted [AP07]. Contracting [MS08a]. Contract [MR91].

Contractions [CCH+06, Kao98, Sch13].

Contracts [DRTC21]. Control [BBR04, FMS05, JT73, KP85, KCH82, LMSPR01, Pap83, PY87, SW10, HR87].

Controlled [BGVO0, YR92]. Convergence [Ald75, CP05, CP08, EHS+19, FRV10, GM00, RT89a, RT89b, RT96].

Conversion [Réè85]. Convex [AS96, ABL+02, AFB96, AS97, AST97, BD92, BDD+07, BY98, Cha84, Cha92b, CHW13, CMS14, DHR20, EW03, Eri99, GKL13, GAOPL+21, GHK91, IS90, KRS10a, KM97b, KN08, KS86, PR99, Pfa83, PT92, RS92, Rot17, Sha87, Vég16, ES88, ES91, MD73, RS94a]. Convexity [PGR03]. Cook [Sol76, dB84].

Cook-Reducible [Sol76]. Cooling
Cuts [BK15, BD93, CEN12, CKRV15, CX18, DJP+94, GSV99, KYN07, KM97a, KPST94, LSW90, PB83a, SV95]. Cutset [CHM13, MR14]. cutsets [Sha79]. Cutting [BEGJ00, KKN15]. Cuttings [HP00a, KS05]. Cycle [BFKV11, DS94, FMS02, HKM08, IS90, Man08, Tho97, Hor87, SCH92, Sys81]. Cycles [BFKV11, DS94, FMS02, HKM08, IS90, Man08, Tho97, Hor87, SCH92, Sys81]. Cyclic [SI87, Ata82]. Cylinders [ECM03]. Cylindrical [ACM84a, ACM84b, Pri86].

d [Kap00, NS08, AK11, BHI+13, BMK07]. Daily [CKLW01]. Dantzig [KY15]. Dart [CFSZ02]. Dart-Free [CFSZ02]. Data [AAK+12, AHS92, ABL09, AFG+14, And99, ALRS98, BRS08, BJS97, BV93, Bl18, Bit79, BST95, CJM+06, CGW94, CTX10, DOR80, DHR97, FFFV19, FKS02, FKM+09, FSS90, Fre85, Fre97, Grs98, GPV94, HU75, Hen00, IJ94, JR13, KMR88a, KV86, Ken76, KKV91, KKW04, KS20, LWY20, LM82, LNW91, LKS97, LP13, LRWY99, MS87b, NSW11, PT07, Ros80, Ros82a, Ros72, Scc07, Sed87, SR97, TV99, Vio12a, Wi85a, Yac98, BT83a, BT80c, Cha88, Don79, Fre84, FSS90, Fre81, Gss88a, RDS1, R83].

Data-Structural [BST95]. Database [BMSU81, CM87b, HW93, KKPV07, NTZ16, Sag88, TA99, CBH84, Hub86, RSL84]. Databases [BRV16, GKV06, LSH05, MW95, HITK79, IJK85]. Datalog [FV98, Mar99]. Davis [BKP02]. Deadline [CLT05, LP03]. Deadlines [FR94, BD78b, GJS81, Sim83]. Deadlines* [GJ77]. Deadlock [CG94, Gol78, TUS1, TS81, Yan82]. Deadlock-Free [CG94, TUS1, TS81].


Definitions [ACFW98, Ven92, Car84, Coh83]. Degeneracies [EC95]. Degree [ASS16, ACOH+10, BKN10, BFG+19, BCH97, BGD99, BT20, CFLY11, CXY04, CKP86, CSS09, DF18, DPPU88, Fei06, FR15, GHH+17, Has88, HB94, KSI11, KRY96, KB76, KL03, KR02, KR05, KP98, Kun74, LNS89, LS13, LMS98b, LPT98, Mlo4, MR08, Mur95, Sak90, Sch81a, Sen05, She13, Tom92, CMST85, KMZ87, Mi88]. Degree- [ASS16]. Degree-Bounded [BKN10, FBN15, KR02]. Degree-Driven [LPT98]. degree-three [Mi88]. Degrees [AS86, CJL03, CGZ06]. Delaunay [BWY15b, BFRV15, CD03, CW98, LM12, Xia13]. Delay [AFHB+00, AHR96, AH08, Lar89, Ron82]. Delays [LS10, RU98]. Deletion [AHS92, Asa87, KD79, MSV87, Yan81b, Yan81a]. Deletions [Ber16, Meh82]. Delivery
[CM99]. Demand [BNL04, BN10, Smi76].

Denotational [Wad76]. Dense
[Bar18, DFJ98, GM91a, GR11a, GRS16, Kho06, SU77]. Density [ABS07, BH77, BH13, mCL04, DHN02, Fri90a, HPK14, HPQ17, KM81, LM94b, LZ00, Mor82, RS99].

Dependence [CHHKM17, CKS17]. Dependencies [BH81a, FMUY83, BV84, CV85, FT83, HITK79]. dependency [FT83]. Dependent [BNMSS98].

Depth [AAK90, ASSS16, AHP08, BCH86, BPU92, BP90, BT15, Bor77, BCG17, BOBP+04, CSV84, CP19b, CLS19, Coh95, CH85, DS07, DSY10, FLMS15, Gar74, GH98, GM91c, GKK16, Has14a, JS05, Kao95, KMSV13, KLSS17, KS15, KS17b, KS19, MP77, Pio04, RS03a, Rei86, SW93, SS11a, SS12a, She09, She18a, She18c, Shp09, Tar72, Vio90a, dOS94, DB08, Hag90, HY88, JM96b, Smi86, VW85b, IP97]. Depth- [ASSS16, FLMS15, KMSV13, SS12a, ASSS16]. Depth-2 [BT15, She09]. Depth-3 [SS11a, Shp09].

Depth-First [AAK90, Kao95, Hag90, Smi86].


Descending [CJ14, NP97]. Descent [AK90]. Description [FW74, GHSZ08, FL83b]. Descriptions [GW93b, JL77, SS77a]. Design [Alb90, AAZ16, ADK+08, BKN10, BCG17, BK11, Bro99, BT80c, CEK18, Cha86, CFLY11, CHS10, CS03b, DIL+03, DD13, DR14, EGO07, FR15, GKL14, GKR12, KKL04, LNS09, LS13, LPT98, MPM08, Tet99, TS81, YRK92]. Designing [CRV10, CCH+16, CS19, Fus88, GMP00, ACG89].


ARS97, Chv77, Eve75, McD79, Pat13, Rup00, BOFKT88, CG73, Ksm93].

Determinism [DF92, GGM12]. Deterministic [AM96, AHMP87, BEG17, BN99b, BHI18, CG13, CKP19, CK13, CCRM86, CD18, DK15, GR506, Gas87, GLPW16, Gli03, GPW18, GS02, Gre74, HH72, HB94, Hon82, IKS10, JPPZ08, KYN07, KZ07, KMSV13, KP04, LS02, Mac98, Mal05, MV13, MRS8, PR17, PPR00, SV12, Vis91, AA88, FG82, Gur82, KR88, RH78].


Diagrams [AdBMS98, AMT07, Aur87, BRLW19, CHLX17, HPK15, IIM85, KS03a, LW80, LD81]. Diameter [ACIM99, HLCW91, KN08]. Dichotomies [GM09]. Dichotomy [BKN09, BP20, CCL13, CG16, CCL16, CM13b, DR13, GGJT10, HNO+20, LN06].

Dictionaries [AO95, Pag01]. Dictionary [MNR90]. Difference [BGSW19, FKV02]. Different

[AKR96, BW05, HR93a, Har80, JKS84]. Differential [UV18, Dav86, NTZ16, Ull16].

Differentially [BN14, FX15]. Difficult [Gol78, SC79b]. Difficulty [Fis05, GMP00].

Diffie [MW99a]. Diffusive [Cha15]. Digital [AKOT03, Dc04, FS86b, KPS04, KS00, LST99, Pr09, GMR88]. Digits [Che05].

Digraph [Fin20, KRY95]. Digraphs

[A776, BKN09, BDMT98, BF03a, CDTT95, HR73, HC99, KIe74, VTL82, HL96, CDTT95].

Dihedral [Kup05]. Dimension
[AM96, AHLM07, CKM+14, DSS18, Ezr16, FFKP18, Hit04, Hit07, KMSZ05, KRS12, KW93, Lut03, Sny92, Bak88b].

**Dimensional**

[AES99, AKS14, ABF94, AB98, BDD+07, Cha05, Cha92b, CKD95, CGH+98, GP96, HPM06, HPK13, Har99, HJW84, Kar92, Kac99, KW75, KS03a, KOR00, LR86, LC90, MW99b, Pfa83, RS92, Sch04a, Va88, BS83, CGJT80, DL90, EW86, ES91, Gol81, HJW85, IJ94, JDU+74, LW80, RS94a, Yao82].

**Dimensionality** [BGK16, GOS+11].

**Dimensions** [AS96, AAS97, AST97, BCR80, Cha00, DKK+99b, Eri99, HP99a, Jus92, LS02, LM08b, MV00, MS97, ZS02].

**Diophantine** [CC82, Ili89b, Lag85].

**Direct** [DDG+17, IJK09, IJKW10, IKW12, JT86, KˇSdW07, She12, VC85].

**Direct-Product** [IKW12].

**Directed** [AAK90, AGU72, ADS86, Bak78a, BKN10, BBRS98, BE98, BKS92, Ben95, Ber16, BKM+17, CHM13, EK05, FR06, FS13, GM78, GIP20, HKK+07, HKM08, HPT99, HP99b, Joh75, KMS18, NZ01, Ned99, Pac74, PPSS04, RZ08, Rod10, RZ16, Tar73, Tar74, Kao93, KS93, Sch94].

**Direction** [BV99, FR98].

**Directions** [GLPW16, T´ot03].

**Directly** [MO74].

**Dis** [AAZ16].

**Disclosure** [AARV21].

**Discounted** [BCK+07].

**Discounted-Reward** [BCK+07].

**Discrepancy** [AKOT03, CFK+21, Ezr16, Lar14, LM15, Rot16, Rot17].

**Discrete** [AAKSI4, BV06, BRLW19, Bra98, Che05, CCC+13, DHR97, FOS08, FA77, GR93, GKM18, Hal08, Iba73, LY05, MW99a, MMP87, Pfa83, PR20, PM03, Sho97, LW88b, MR96, Mor80].

**Discretization** [RW00].

**Discretized** [BGGM98, disc].

**Dissection** [Kun93].

**Dissemination** [BSH94a, SCH81c].

**Distance** [AAKS14, AP72, AK10, AO12, AWZ00, BI18, BGSW19, CR12, CW07, CHKZ03, DM88, DHP13, DHR97, HLL95, KMR09, MMP08, PR14, Ros18, WWW87, PE86, ZS89].

**Distance-hereditary** [DM88].

**Distances** [ABF+99, DTCR08, DN04, FSM+09, Mar08, LW86].

**Distinct** [PT07, RRSS09, Nos82].

**Distinctness** [Amb07, BFadH+87, BDH+05, Yao94].

**Distinguisher** [Tho18].

**Distinguishing** [Gel75b, Hie10].

**Distortion** [ABN15, ACKS15, CKPT19, Fil19, KRS10b].

**Distributed** [AG94a, ANIM96, ALMZ99, AK09, BD81, BEK14, BBR04, BCN+20, BEG17, BFG+07, CLP20, CT90, CFPS12, CDDS89, De 10, DGP07, DGLV10, Elk06, FR03, GKP98, GKK+18, GKPS08, GM92, Har20, Hie10, HY17, Jaf85, KPS95, Lin92, LPSR09, LWRY99, MW93, NR95, PS97, PR00, SHK+12, SY99, SY06, TPS87, CBH84, Fus88, IR96, RS85b].

**Distribution** [BS15, Blu94, BJ99, CFGM16, CK04b, FR8+20, HK07, JS05, JLR5b, LM94a, PU89b, RRSS09, RT96, HT82b].

**Distribution-Free** [Bhu94, FRS+20, HK07].

**Distributorial** [Sch04a, Wan99].

**Distributions** [ACOH+10, CRS15, CK09, FOS08, GK18, LV91, Nat92, SNS18, Val11, Vio12b, Wat14, BCG20].

**Dissociation** [KMSZ87].

**Distributivity** [BK10a].

**Divide** [CKL+09, DY75, LR89, SR83, ACG89].

**Divide-and-Conquer** [CKL+09, LR89, SR83, ACG89].

**Divide/Sort/Merge** [DY75].

**Dividing** [HT73].

**Divisibility** [Pla78].

**Division**
[BCH86, BP93a, MP05, PR20, RT90, Lic87, Lic89, dG83]. Divisions [Rev75]. Divisor [KMR87, Nor89]. Divisors [BMS86]. DNA [KW94]. DNF [ABK+98, Baz09, BJ99, HY87, SBJ04]. Do [aBC08]. Document [NN17]. Does [AH08, Bis78]. Doesn’t [SS12a]. Dog [DHP13]. Dogleg [Szk99]. Dogleg-Free [Szk99]. Domain [BP20, Blu94, SP82]. Domains [FOS08, GHSZ08, JKN08, Yao91]. Domatic [FHKS02]. Dominant [HTC13]. Dominating [BJ82, CCK+20, CL19, COS99, FT06, RLDL96]. Domination [Cha98a, DM88]. Dominators [AHLT99, BGK+08, Tar74]. Domino [Gr¨a90a]. Double [BST95, CHH02, JV75]. Double-Ended [BST95]. Doubled [EMS03]. Doubling [CLNS15, HL96]. Drawings [AABC+17, CDTT95, DLV98, EGS03, SSSV01]. Driven [APG+14, DIM97, LPT98]. Drugs [DLL+03]. Dual [ANFSW20, BEG02, GKS08, J08, KRTV18, KR05, KS20, RV98, HS88]. Dual-Bounded [BEG+02]. Dual-Type [JV85]. Duality [AS05a, Aza87, BSRZ15, CFKX07, GK18, GM18, HM73, HSV05, Pro78]. Duplication [Bak97]. Duplications [AP07]. Dutch [Bit82]. Dyadic [Wir79, Zwi91]. Dyck [Lie03]. Dynamic [AAK+12, AHS92, ABL09, AFHB+00, AKK08, ABOK20, BGS15, BGS18, BCCK19, BH18, BKK+04, CHK13, Cha06, CPR11, CN18, CCFM04, CJ92, CPT06, CG83, CDTT95, CKM10, CMS00, Col00, CH05, DK15, DHIP07, DKK+94, DKKP99, FT97, Fre97, GI92, GRS05, GRSS98, GT98, HSS01, Hen00, HK01, HKN16, HR03, IL98, JS20, KS96b, Kap00, KLM+17, KMV91, LW98a, LWY20, LNRS92, LL95, Li89, Lou83, LP13, Mei79, MT99, Mor06, NN14, RZ08, RZ12, RZ16, Ros82b, SV00a, VZ13, CKS85, Man86, PT89]. Dynamical [MP05]. Dynamically [Bit79]. Dynamics [BBM13, Mol04].
Mac98, MZ08, Mai79, MR80, MSV06, MR88, Mor80, NN93, PR93, PT07, PR06, PT92, RY96, Ram96, Reg96, RT88, RS99, SF90, SV00a, TV99, Tam98, TV85, Th99, TN95, TA99, TC84, Tuc80, WJG00, XLXJ09, adH86, BHV99, CL79, FJ90a, Gus88b, IP87, MNS85, Mur87, SJ81, Sys88, WE80.

Efficiently [BWY15a, DHW98, FHS96, FGK05, KM00].

Eigenvalue [Kel06, Tre12, Hal75].

Eigenvalues [BP98].

Eigenvectors [BRV18].

Eighth [KRS20, AGK+09].

Elastic [LM94a].

Election [AG91, BN00, GHW10, HP98, RSZ02, Sin97, AAG+89].

Element [Amb07, BFadH+87, BDH+05, CRS95, Che08, JM78, Yao94].

Elementary [Gro03, Joh75, Kon75, Tar73].

Elements [Bea91, Hwa80, Maz76, PT07, RRSS09, Nos82].

Elimination [Fra91, HR73, Kle74, Oht76, RTL76, XLXJ09].

Elliptic [Sho92].

Else [BT83b, GM87, MN87, Pig91].

Elusive [HW04, Tri94].

Embedded [CCE13, CadVdM21, ZH05].

Embedding [ABN15, AKR18, Cha91, EFN18, FFKP18, Lou83, Tam98, WC90, CS89, Tam87].

Embeddings [AHPY13, AL07, BCLR92, BGLL99, CGD+09, CMM10, CT99, CHK03, ECM03, KR09, LNRS92, Mer02, MS08b, VW85a].

Emde [Wil00].

Emptiness [Er00, SS11b].

Empty [BFvRV15, CDL86].

Enclosing [ZS02].

Encoding [AIKW15, Gel75a, Gel75b].

Encodings [BCG+18, HKL00].

Encryption [AS16, BF03b, BCHK07, BV14, CS03b, GGH+16, LATV17].

End [KOR98, SU09].

End-to-End [KOR98].

Energy [AIK+20].

Entangled [KRT10, KKM+11, Vid16, Vid20].

Entities [EKLS16].

Entropy [BDKR05, KM99, Rao09].

Enumerability [KS01].

Enumerating [BKPS06, KR95, MD76].

Enumeration [Akk73, JV75, KW97, KV10, KV12, Sel78, Tar73, Val79, WW75, Gus88b].

Enumerative [The02].

Envelopes [AAS97, KS03b].

Environment [Hen80, Man86].

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Envy [CGV11, CFF+12].

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EOL [MSW78].

Epsilon [HY17].

Epsilon-Approximations [HY17].

Equal [CJST07, Sed77].

Equal-Length [CJST07].

Equality [BC10, BB80, ST94, BV84, Pet83, Pig91].

Equality-Test [Pig91].

Equation [KOR98].

Ended [BST95].

Energy [AIK+20].

Ensemble [FG92].

Entangled [KRT10, KKM+11, Vid16, Vid20].

Entities [EKLS16].

Entropy [BDKR05, KM99, Rao09].

Enumerability [KS01].

Enumerating [BKPS06, KR95, MD76].
[AK10, CS09, Fei06, GJ13, KKL+93, SS17].

Estimation [ACIM99, CDK+11, DKL+00, FN07, GM09, HPK+14, TZ12]. Estimators [DKK+19b, LS75, Hum89].

Euclid [Tre00]. Euclidean [AHPY13, ANFSW20, AKS14, CHP08, Che09, CAYM19, Col74, CEF+05, DHR20, Dye86, HT82a, HS99, KR07, KS03a, NS00, Sak90, SCY00, SPLK98, SS95, SR83, WP03].

Euclidean-Norm [DHR20].

Eugene [Ano95]. Euler [CS18, CHH02]. Eulerian [GH73].

Evaluate [B¨ur00b, Lip78, PS73]. Evaluated [ACR+10]. Evaluating [ASU75, BS76, DR95a, Rev75, SU77].

Evaluation [AL10, BS76, BMPT97, BGK+08, BCRW13, Chi76, Gan95, GJ82, Jaj79, KM75, NP06, Pip80, RU81, Rei99, Yao76, DL80, Hya79, MRK88].

Evasive [Yao88]. Evasiveness [CKS02].

Even [FR80, Ned99, Sed78, ZH05]. Event [Che12, Kin86]. Events [IISI05]. Eventual [HMW01]. Every [AS08b, GHM+11, NS13, Pra75a].

Evolution [WW06]. Evolutionary [AK97b, BPWY99, CCG01, CK01, FT97, KW94, Kao98, KLST00].

Evolutionary-Tree [FT97]. Exact [ADG+11, Amb16, BGGM98, CHPZ95, CH97, Dot10, FKTVO8, GG91, GG92, GKS93, K96b, Sny92, Bak78b, Fri87b].

exact-match [Bak78b]. Exactly [Che76, Ko89]. Examining [Wil00].

Example [BJ99, Epp03]. Examples [GM92, Sim97b]. Exchange [Cam03, EL86]. Exchangeability [Lie89]. Excluded [GM15].

Exclusion [BHK09, GM01, KMR98]. Exclusive [DKR96, FW90, HS02, KR88, Mit85].

Exclusive-Write [DKR96, KR88].

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Exegesis [GMS81]. Exhaustive [Wil13].

Existence [ACG+16, AMT07, BCPR16, BFU94, DMT88, GKL93, Kun74, dB84]. Existentially [FS20]. EXP [BvMR+00, Fu95]. expanded [FS89].

Expander [BF03a, BFU94, CLL13, Fri02, Gil98, JKP20, KS97]. Expander-Based [KS97]. Expanders [BK07, FGRV14, KPS13], Expanding [Ala14, Kla84]. Expansion [BFK+14, Chi77, HPQ17, KS11, KPS13, KLL17, MS17, Pat13, Loo83]. Expansions [FS92, KMST87, MM83]. Expectations [Jac72]. Expected [AF03, AMMW07, CH82a, Go08, GS87, KU99, Nic88, Sch90, Sze93, Wal79, AW96, Bio83, MT87, Mye85, Sch88, Sch78, Yao85b].

Expected-Case [AF03, AMMW07].

Expensive [BK11]. Explicit [KRS12, MS08b, RS10a, Kla84].

Exploration [HIKK01]. Exploring [AH00].

Exponent [ABL09, Has98]. Exponential [BLYK08, BNS18, BPP99, CCK+20, CKP19, Che89, DHR20, FT06, GKRdW99, GKK+09, KLSS17, MV13, PS12, Saf06, dBBKB+20, BORW88, He84, RC79, Sta80].

exponential-time [BORW88].

Exponential-Time-Hypothesis [dBBKB+20]. Exponentially [CKS17, ES15, Leu98, HR86]. Exponentials [GSY95].

Exponentiation [Sti90, Yac98].

Exposure [KZ07]. Exposure-Resilient [KZ07].

Expressibility [Imm89, Mol90]. Expressing [KKPV07].

Expressions [ASU79, BS76, GGM12, KM75, MMN14, MNS10, SU77, AB79, ASSU81, GJ82, Sag83, SH85]. EXPTIME [CGGR16, GGM11]. EXPTIME-Complete [CGGR16, GGM11].

Extend [Che01]. Extended [MGHK09, SL94, FL83b]. Extendible [Bo76, Ros75a]. Extending [HHH05, Bak78b].

Extension [CKR04, Dur10, GJW18, KKMR09, PS97, Sch81a, Sri06, Lic87, Lic89, Pro78, SSC85].

Extensions [MTV10].
BEW80a. External [AV03, Pro92, VZ13]. Extinction [ESY17]. Extra [CLL08]. Extractable [BCPR16]. Extracting [BL04, BEG17]. Extractor [DPVR12]. Extractors [BSRZ15, CGL20, CRS14, Coh16, DORS08, DLWZ14, DW11, GRS06, KZ07, Ra09, TS11, Vio14]. Extrapolation [LR88a]. Extremal [BDIG85, McI74]. extreme [MD73]. Extremely [AWY18, Sie04]. Eyes [GGL +13]. f [Ngo05]. F. [AI77]. Face [Bie90, CEG +93, CHK03]. Faces [AMS98, BM88]. Facility [ASS17, AGK +04, BA10, CG05, CS03a, MYZ06, Tho05]. Factor [BMKM07, BSW14, FGG08, GMM09, KPV14, KH83, Koc92, Mic04, MBCV98, NS00, Xia1, KMS83]. Factored [Bac88]. Factoring [BMS86, BCGW93, Lan85, Lan91, Len87, NRR02, PST88]. Factorization [AGKM16, BGS07, Duv91, GL80, KMSV13, MSS18, SZ76]. Family [Esw75, FSA9, PA79, PA80]. Fan [CCH98, KMSV13, KS15]. Fan-In [KS15, CCH98, KMSV13]. Fanin [SS12a]. Farms [CKV10]. Fast [AC09, ACIM99, ADK04, BLS97, BBR04, BGRV98, BG95a, BG96, Bra98, BGSW19, CHS12, Chi76, Cla89, Coh89, Csa76, CK01, DL91, DKSS13a, DK15, Dow90, DKM06a, DKM06b, DKM06c, DHR97, DLR95, DGLV10, DS00, Ebe89, ES81, ENRS99, Fed87, FA77, FRV10, GS80, GM98b, GPST92, GKS90, GLN02, GMFB87, HM91, Han96, HP06, HT84a, HKL00, HN94, HM99, KW97, KNP99, KL15, KVLP88, KU11, KMP77, Kru92, KT77, LP94, LL90, MS91, NNS98, NGM97, Oht76, Pan80, PR93, PR94, PM03, SJ1, SST7b, ST80, JS19, TPS87, Val82, VSBR3, Vis91, XLXJ09, Yac98, BOFKT88, GT87, G87, GB87, GT87, GB87, GU87]. Fathers [BIW06, IMM +10, Vio07, CP84, VSBR85]. Fewer [GMP05]. Fibonacci [GR93]. Field [SS12a]. Fields [BW05, BCR16, BMS13, BK90, Che05, Cus98, Eps79, GKS10, GKS90, HSS13, KAM05, KR06, KY09, Lan85, Rab80, RS08, Sem09, Sho92, Str76, vzGSS03, Lan91, Len87, Lic87, Lic89, SL80, vzGSS98]. FIFO [BGL04]. Fifth [AIM16, CR17]. Fiftieth [BBS13, VNA20]. Fifty [KRS20, BSO14, CR17, DMK19, HIMW16, LMOT14, MV18, Rou15]. Fifty-Eighth [KRS20]. Fifty-Fifth [CR17]. Fifty-First [LMOT14]. Fifty-Fourth [HIMW16]. Fifty-Second [BSO14]. Fifty-Seventh
[DMK19]. **Fifty-Sixth** [MV18].

**Fifty-Third** [Rou15]. File

[CH87, CGJL85, NR95, Whi90]. files [Wil85b]. Fill

[BT01, FKTV08, FV13, NSS00, BT01]. Filled

[Pan00]. Filter

[DCdP98]. Filtering

[Cha86]. final [BT83a]. Financial

[CKLW01, Zuc19]. Find

[BCN+20, Hor87, MNA88, SW79]. Finding

[AHU76, Alb85, A177, Ata82, BY86, B91, Bea91, BH03, Bod96, BDIG85, BGKP99, CHH02, CW98, CLY06, CL09, Epp98, FBGSV15, FRS+20, Fri90a, FRT93, GM78, Gab07, Gal80, GSV99, Gaz91b, GM82, HJL14, Had75, HHR15, HOS00, HT84a, He93, Hi008, HR93c, IR78, Jh75, KYN07, KKP93, KVV92, KS94, KPST94, Kre90, MM02, MW95, Mv92, NS80, Ned99, NT05, Oht76, PR02, RDL19, SV95, Sch98a, Sch94, SW99, Spi73, SP75, Tar74, T777, Tho97, WW13, vzGSS03, BX92, GMG86, HJLS89, KIM81, KS91, MN88, MN85, Pro88, SV88, SSY82, Sha79]. Fine [CS99]. Finger

[CMSS00, Col00, DN04]. Fingerprinting

[BUV18]. Finite

[Acc94, ADG08, BBP00, BMPT97, BCR16, Boo78, BP02, BK90, BGW00, BJK05, BCL75, Che05, CCC8, CN99, CHPW98, CK94, Cus98, Dur10, DSR90, GHS208, GKS10, GKS90, Hen88, Iba73, Jac72, Kam05, KY99, KR78, Len98, PV98, Rab80, RT10, RS91b, RS80, Se90, Sen90, Sh92, STR76, Web93, Yao91, vzGSS03, AM80, BS86, Che86, ERV81, FG82, GR85, II89a, Lie89, PS81, R189, SL80, SSS08, SH85, vzGSS98].

**Finite-State** [DS90]. Finite-Valued

[Web93]. Firing

[CDDS89, DHM12, GK12b]. First

[AAK90, ABI97, Coo74, FR75, Kao95, KMPHT14, KKPV07, PST00, PVV98, RT98b, RS07, Tar72, Car84, KTX93, Gra84, Hag90, HY88, Sni86, IKM+12, LMT14].

**First-Order** [ABI97, KMPHT14, KKPV07, PST00, PVV98, RS07, Car84, Gra84]. Fit

[Mao93, RT89a, RT89b, RT96]. Fitting

[ABF+99, AC11, HPW04]. Five [KS19].

**Fixed** [AFB94, ASU75, AM96, Bie90, CKM+14, CCK+20, CHM13, CFH120, CAVdM21, CLP+19, DF95, EKL10, EY10, FBGSV15, FG01, GLP75, GKS93, KS03a, LP17, MR14, RS94b, RS99, SOAD09, VHT09, WBZ13, WW87, BS87, NHL82].

**Fixed-Head** [GLP75]. **Fixed-Parameter**

[CHM13, CLP+19, FBGSV15, FG01, LP17, MR14, WBZ13, DF95].

**Fixed-Points** [SOAD09]. **FixedPoint**

[MS76a]. **Fixing** [GRS06, KZ07]. Flag

[Bit82]. Flat [DW85]. Flatto [ST00]. Flip

[By12]. Flipping

[ABF94, ASU75, AM96, Bie90, CKM+14, CCK+20, CHM13, CFH120, CAVdM21, CLP+19, DF95, EKL10, EY10, FBGSV15, FG01, GLP75, GKS93, KS03a, LP17, MR14, RS94b, RS99, SOAD09, VHT09, WBZ13, WW87, BS87, NHL82].

**Floor** [He99, MST91, YS93]. **Floor-Plan** [He99].

**Floor-Planning** [YS93]. Flow

[AC82, APS74, AOT89, AOST94, AALR02, AAE13, BPS10, BBR04, BSM14, BKM+17, CLE08, CKS13, CH95, CHM96, Cohn95, DD81, ET75, EIS67, FMS05, GYM96, GKO7, GKK+18, GMF87, GUS90, HU72, HU75, HRR20, IS79, JAC90, KKKP94, IKK18, KTW99, KNPST94, KS91, MRO80, R82a, S87b, V16, CM98, GGT89, GUS83, HJ85, KKK86, LY89, AR98b]. flow-time [KK86]. Flows

[BY15, CEB12, CKRV15, CDR10, F07a, MNS85, MNS86].

**Flushing** [Var00]. **FOCS**

[BB13, BSO14, CR17, DMK19, HIM16, KRS20, LMT14, MV18, Rou15]. **Focused**

[AIK19]. Folding

[BGSW19, FW07, RL88].

Follow [BPS07]. Fool [Baz09]. Fools

[DGJ+10, HL18]. Forbidden

[AFN07, MS07a]. Forcing

[HSV07]. Forest

[CHJ18, FKL10, GW95, HLP17, KLX+Z08, NSH+08, PR02]. Forests

[H028, WBZ13].

Forgetton [DSS08]. Form

[AHM+08, Ben77, VL00, BLR80]. Formal

[AW76, BJ00, BV84, FL83b, K93, KL02, LV95]. **Formal-Language-Constrained**

[BJM00]. **Formation**
[FYO+15, SY99, SY06]. **Forms**
[ABP19, BG84, Bsh94b, Gie95, GL77, HM73, Jás79, MV75, MSW78, MSW81, Sav74, Ili89a, Jás80, KB79]. **Formula**
[AT00, ACR+10, BCGR92, CLS19, DDPY08, Fid85, GMWW17, Kla07b, KRT17, Kal85a].

**Forms**
[ABP19, BG84, Bsh94b, Gie95, GL77, HM73, Jás79, MV75, MSW78, MSW81, Sav74, Ili89a, Jás80, KB79]. **Formula**
[AT00, ACR+10, BCGR92, CLS19, DDPY08, Fid85, GMWW17, Kla07b, KRT17, Kal85a].

**Formulas**
[ART09, ASSS16, AHM+08, Baz09, BOC92, BH95, B295, CD16, Che76, COF14, DL15, GKS93, Hás98, HW02, HS90, KLSS17, KS15, LL00b, LTW18, Ros18, RV01, FMP82].

**Formule**
[CL94, GM91c, Lic82, Ren92, Fri86a].

**Formule**
[CL94, GM91c, Lic82, Ren92, Fri86a].

**Formulae**
[CL94, GM91c, Lic82, Ren92, Fri86a].

**Formulae**
[CL94, GM91c, Lic82, Ren92, Fri86a].

**Formulas**
[ART09, ASSS16, AHM+08, Baz09, BOC92, BH95, B295, CD16, Che76, COF14, DL15, GKS93, Hás98, HW02, HS90, KLSS17, KS15, LL00b, LTW18, Ros18, RV01, FMP82].

**Fortieth**
[CDG11].

**Fortieth**
[CDG11].

**Forty**
[AIM16, DK18, EVM+12, KIM+12, MA16, PKS+13, SK18]. **Forty-Fifth**
[AIM16].

**Forty**
[AIM16, DK18, EVM+12, KIM+12, MA16, PKS+13, SK18]. **Forty-Fifth**
[AIM16].

**Forty-First**
[IKM+12].

**Forty-First**
[IKM+12].

**Forty-Fourth**
[MS16].

**Forty-Fourth**
[MS16].

**Forty-Seventh**
[MS16].

**Forty-Seventh**
[MS16].

**Forty-Sixth**
[FRS+20]. **Forty-Third**
[FRS+20].

**Forty-Sixth**
[FRS+20]. **Forty-Third**
[FRS+20].

**Fr´echet**
[AAKS14, DHP13]. **Fractals**
[AAKS14, DHP13].

**Fractals**
[AAKS14, DHP13]. **Fraction**
[Chi77, Jus92, KT77].

**Fraction**
[Chi77, Jus92, KT77].

**Fractional**
[Bi06, GKP+13].

**Fractionality**
[IKK18]. **Fractals**
[LC89, Str83, CC86]. **Fragmentation**
[Rus77b, CS85]. **Frame**
[CS04].

**Fractals**
[LC89, Str83, CC86]. **Fragmentation**
[Rus77b, CS85]. **Frame**
[CS04].

**Fraction**
[Chi77, Jus92, KT77].

**Fractional**
[Bi06, GKP+13].

**Fractionality**
[IKK18].

**Fractional**
[Bi06, GKP+13].

**Fractionality**
[IKK18]. **Fractions**
[LC89, Str83, CC86]. **Fragmentation**
[Rus77b, CS85]. **Frame**
[CS04].

**Frame**
[CS04].

**Frameworks**
[AAvK+13, App13, AIKW15, AL18, ALRS98, Aza92, BH81, Bas72, BRV18, BBD+86, BCR16, BT15, BMY15a, BHIK97, Bra08, CS16, CPS16, CK91, CFLS97, CK94, Dev02, DRST14, DK96, Fei09, FMV11, FV16, FN99, GJ85, GGJT10, GKS93, GSY95, GM92, HRV13, HO14, HHL18, HNN04, Hoo90, HN02, IL81, IMP14, Iwa03, Jac72, JR13, KW93, KY10, KK77, KT94, LL00a, MI97, MV75, MP77, MZ13, NRR02, Nat91, Nat99, PR17, Pau77, PW11, RS10a, Re86, RS91c, Rev75, Sie04, Sim97b, SOAD09, Val86, Yao91, ACGS88, BS86, BS92, CI83, Che86, Kal85a, Kut91, LR88b, RC79, SS90, SSY82, Zw891, vzG86].

**Fundamental**
[DFVW99, WZ06]. **Further**
[MR91, PT09]. **Fusion**
[Wi00]. **Fuzzy**
[DORS08].

**Fundamental**
[DFVW99, WZ06]. **Further**
[MR91, PT09]. **Fusion**
[Wi00]. **Fuzzy**
[DORS08].

**Framework**
[FF19, GJ00, The02, dBBKB+20].

**Fréchet**
[AAKS14, DHP13]. **Free**
[AGG+19, AP72, AR02, BGS98, Blu94, BDK00, BT10, BDD+07, CHJT04, CKF+07, CG11, CV14, CIL94, CFSZ02, CAKM19, CFF+12, CG94, ELRS03, FRS+20, GL77, Gli03, Gre73, Gre74, HK07, HOS00, Hav04, HR78, Kos75, LH00, Nat99, Pel94, SZ00, Sav73, SS77a, SW06a, Sz99, Ta90, TU81, TS81, WROM86, COS99, Gal84a, HC83, Hum89, Iba78, IL82a, ORW85, Ott86].

**Freedom**
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[ELRS03]. **Frequent**
[GLPW16]. **Frequent**
[GLPW16]. **Frictional**
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[DH20]. **Front**
[OH87]. **Frozen**
[ART90].

**Fundamental**
[DFVW99, WZ06]. **Further**
[MR91, PT09]. **Fusion**
[Wi00]. **Fuzzy**
[DORS08].

**G**
[Kon75]. **G/G/1**
[Kon75]. **Gadgets**
[CFK+21, TSS00]. **Galerkin**
[HOS00].
Galil [AG86]. Galled [JNS06]. Galois [McK79]. Galton [Dev12]. Game [KLSvZ08, MNR90, AKPW95, VT89].
Games [ADG+11, AN93, CGGS19, EN16, EWS05, Gia90a, JPZ08, KKL09, KA179, KRT10, KKM+11, KLN19, LSZ11, Mehe18, Rao11, SC79b, Vid16, Vid20]. Gap [CR12, CCK+20, DS90, MW93, SB13, CG10]. 
Gap-Exponential [CCK+20]. Gap-Hamming-Distance [CR12]. Gaps [GMPT10, JLTX20, PS12].
Garbage [CR12, CCK+20, DS90, MW93, SB13, CG10]. Garbled [AIK14]. Gates [AM05, RS03a, Shp09, Vio07, vDMMS07].
Gathering [AP06, CPS12, EHM00, ISK+12]. Gauss [Sak90]. Gaussian [CV18, MR07a]. GCD [CR12, CCK+20, DS90, MW93, SB13, CG10].
Gaussians [SPLK98]. Gene [MLZ00]. General [AAK90, ACOH+10, AFHB+00, AST76, BCR18, Bea91, Bir00b, CLPR10, CM01, CPW82, CGG01, Duv91, EPR94, RH77, Rus78, RS99, Saw01, TIAS77, Wor87, ZR79, BV84, FL83a].
General [AAK90, ACOH+10, AFHB+00, AST76, BCR18, Bea91, Bir00b, CLPR10, CM01, CPW82, CGG01, Duv91, EPR94, RH77, Rus78, RS99, Saw01, TIAS77, Wor87, ZR79, BV84, FL83a].
Generalizations [DSS18]. Generalized [Abr87, ACG+05, Bak78a, BBN12, BC91, BEG17, BT80b, CIRR16, Cha76, CHJT04, Chir76, EL08, FJ84, FJ90b, HPK15, HS95, JFV5, JKN08, KLN19, Lau03, Lie03, Lie76, LST99, MR06, NV03, Pi78, RS07, Sit14, SOAD09, Szp93, AKR95, KMS83].
Generalizing [Jus92]. Generate [Bac88, DORS08, BM84]. generated [Eng86, WJ85]. Generating [BEG+02, EGM03, EL86, Fre78, Gab77, KP98, LLK80, PR94, RH77, Rus78, RS99, Saw01, TIAS77, Wor87, ZR79, BV84, FL83a].
Generation [ATS07, BH80, BWY15b, DR95c, GW17, Lie03, Mis77, MV00, RT88, SF90, Thu99, WROM86, HC83]. Generator [BBS86b, EKS00, HILL99, Fus88].
Generators [ABSRW04, App13, BRRY14, GKL93, GMRZ13, HR13, HO00, MZ13, NS93]. Generic [GGKT05]. Genericity [Wan98].
Genetic [DLL+03, GM00, Hol73, Hol74, Kim97]. Genome [AP07, BP96]. Genomes [EMS03]. Genomic [NSH+08]. genuinely [Meg83b].
Genus [AKR95, KMS83]. General [AAK90, ACOH+10, AFHB+00, AST76, BCR18, Bea91, Bir00b, CLPR10, CM01, CPW82, CGG01, Duv91, EPR94, RH77, Rus78, RS99, Saw01, TIAS77, Wor87, ZR79, BV84, FL83a].
Generation [ATS07, BH80, BWY15b, DR95c, GW17, Lie03, Mis77, MV00, RT88, SF90, Thu99, WROM86, HC83]. Generator [BBS86b, EKS00, HILL99, Fus88].
Generators [ABSRW04, App13, BRRY14, GKL93, GMRZ13, HR13, HO00, MZ13, NS93]. Generic [GGKT05]. Genericity [Wan98].
Genetic [DLL+03, GM00, Hol73, Hol74, Kim97]. Genome [AP07, BP96]. Genomes [EMS03]. Genomic [NSH+08]. genuinely [Meg83b].
Genus [AKR95, KMS83]. General [AAK90, ACOH+10, AFHB+00, AST76, BCR18, Bea91, Bir00b, CLPR10, CM01, CPW82, CGG01, Duv91, EPR94, RH77, Rus78, RS99, Saw01, TIAS77, Wor87, ZR79, BV84, FL83a].
Grammars [Ben77, Boo72b, Coo74, Gra74, May81, RU81, Sav73, Tai80, Alb85, CRGM81, Eng86, Hum89, SH85]. Graph [AGU72, AABC+17, AGvM+18, AS08a, AS08b, AFNS09, ACBG+17, AI77, ABD+07, AC78, ABL00, BES80, BY86, BFK+14, BRV16, BE98, BFL06, BBR+99, Bra08, CM97a, CL13, CLP20, CLL13, CKP14, CK12, Chv77, CDTT95, Coo74, DMS81, DV00, DT97, DL95, DHM06, Edm98, Eve75, ET75, ENRS99, EGS03, Fei06, FKM+09, FFK+98, Fis05, FN07, FM08, FHHP19, GI93, GZ95, Gav72b, Gaz91b, Gss87a, Gus89a, HW86, Hor87, IA86, Lub81, MN88, SJ81, Sch94, Sys81, Tam87, TC84].

Graph-Structured [ACBG+17].

Graph-Theoretic [HZ77, AKPW95].

Graphs [ABN15, AG+19, APS74, AAK90, Akk73, AP07, AK97a, AFN07, AK97a, AK97b, AK11, BX91, BK10b, BV98, KL17, Loo92, MM02, MD76, Me79, Mi76, Mlo04, MS10, Ned99, Oht76, Pac74, PR17, PB83a, RLDDL96, RG77, ST94, SS11c, ST13, Spi73, Tar72, Tar73, Tho97, Tri94, Wei80, Yaa88, YSS93, AKPW95, BM88].

graph [CG73, CK80, FS86a, FJ81, Gus88a, HW86, Hor87, IA86, JS82, Lab81, MN88, SJ81, Sch94, Sys81, Tam87, TC84].

Graphs [He93, He99, HKL00, HR92, HPT99, HP09b, HSS01, HK01, HR95, HS82, HM90, ILPR81, IPS82, Jac90, JKL05, JKP20, KI11, KPX10, KST99b, KMR81, KR95, KL5, KKK04, KM94a, kK18, Ke06, Ke06, Ke08, KKLV11, KL03, KT15, KN05, KMMS06, Kun74, Lu00, LSW90, LP17, Lu14, MSS18, MS11, MN95, NNS89, NS00, NS13, NV03, NT05, Pat13, PSZ17, PR05, Pl90, RZ10, RZ08, Rod10, RZ12, RZ16, RTL76, Ros72, Ros14, Sch87, Sch98a, Seb97, Sèn05, Set76, SW99, STU97, ST11, ST13, Spi85, Tar74, Tho95, Tom92, Tuc80, Vao20, VP03, Ver05, VW85, WG05, Wei80, Wor87, Yan81a, ZH05, dBBK+20, Bab80, BX92, BH87, CS98, CNS82, CB81, DM88, Fed87, FS86a, GSK2, GMG96, GB92, HY88, HK73, Hsu85, Hsu95].

graphs [He93, He99, HKL00, HR92, HPT99, HP99b, HSS01, HK01, HR95, HS82, HM90, ILPR81, IPS82, Jac90, JKL05, JKP20, KI11, KPX10, KST99b, KMR81, KR95, KL5, KKK04, KM94a, kK18, Ke06, Ke06, Ke08, KKLV11, KL03, KT15, KN05, KMMS06, Kun74, Lu00, LSW90, LP17, Lu14, MSS18, MS11, MN95, NNS89, NS00, NS13, NV03, NT05, Pat13, PSZ17, PR05, Pl90, RZ10, RZ08, Rod10, RZ12, RZ16, RTL76, Ros72, Ros14, Sch87, Sch98a, Seb97, Sèn05, Set76, SW99, STU97, ST11, ST13, Spi85, Tar74, Tho95, Tom92, Tuc80, Vao20, VP03, Ver05, VW85, WG05, Wei80, Wor87, Yan81a, ZH05, dBBK+20, Bab80, BX92, BH87, CS98, CNS82, CB81, DM88, Fed87, FS86a, GSK2, GMG96, GB92, HY88, HK73, Hsu85, Hsu95].

graphs [HCAL89, Kao93, KS93, KS96a, KS91, Kla84, KM89, LW88a, Lue81, Pro81, Pro86, Pul84, RLWW97, Sha79, SCH92, Shi80, Smi86, TY84, TY85].

Graustein [MY91].

Gravitational [CP05].

Gray [Fre78, FR80, JWW80].

Greatest [KMR87, Nor89].

Greedy [AS05b, CKMP95, CK01, FS20, FMR90, GLN02, HL05a, KMW9, LB17, PSWvZ17, RT81, BKPS06].

Grid [GJ00, Ges02, IPS82, KM94a, Sch98a, Tam87].

Grids [Cha91, CC07, ECM03, HL04b, KV86].

Gröbner [Dub90].

Grothendieck [AN06].

Group [ABR90, DG05, DP94b, DXSC94, Dun73, EGH07, FY98, FY96, GQ17, GS07, HRTS03, HKK+07, IQ19, KKK02, KLSvZ08, Lar14, MRS08, Vin04, WW75, MC87].

Group-Strategyproof [KLSvZ08].

Grouping [BT01].

Groups [BFP89, Bür00b, CMM+14, Cla89, CK91, GRS05, GS12, McK79, MRRS07, SW06b, Wan99, BLS97, Ili89a, Ili89b].

Growth
High-Dimensional [AKS14].
High-Dimensions [DKKP99].
High-Performance [AF98].
Impossibility [BP15, BN14, BCF14, MRŠ10, SWK09]. Impossible [SZ00]. Imprecise [SLC91, SL96, vKLM10]. Improved [AOT89, ATELvZ12, Ahl98, ABHK11, AdBES14, BCS08, BHL18, BP93a, CG10, CG05, CKL10, CKS17, CS03a, CM94, CG97b, Cun86, DY75, EGH07, EG03, FHL08, GP90, Harvey00, IR04, KRT17, KR02, KLL17, PY91, PR08b, RZ08, RKS12, RC03, SSW94, Sri99, YYI12, CK93]. Improvements [HRV13]. Improves [EW12, Fra91]. Improving [ACC11, BC00, CMS14, FGG08, Wil13]. In-Tree [PT87b]. Inaccurate [BJS97, CP08]. Inapproximability [AMS11, Aus10, BGGS20, CCK20, BL19, KMO07, PSWvZ17, Rub18]. Incidence [Pri86]. Inclusion [BHK09, KM95, CV85]. Inclusion-Exclusion [BHK09]. Incomplete [PPSS04]. Incompressibility [BLTV99, BV99]. Increase [EM03, Koc92]. Increasing [BG01, NGM97, S97]. Incremental [CCFM04, DVO0, LMS98a, LNRW10, KM98]. Independence [AH11, Baz9, CV14, DGT10, HL18, KLR19, NT05, PPR99]. Independence-Free [CV14]. Independent [ABF94, AFRV19, BGG18, BIW06, BGS20, CM97b, CY06, D810, FP78, F80, Fei06, GRS06, GP96, Gav72b, GW18, GS02, Jac72, KS77, MRT07, P90, Rao09, TT77, TZ12, TA99, THAS77, WL95, CNS82, GS98, LLK08, Lb86, Lue81, M98, Rei84]. Index [BCHS94, CCM13, Ata82, BCN81]. Indexed [Li20]. Indexing [AFG14, CV05]. Indices [HS09]. Indistinguishability [AS16, AM13, BCG18, GGH16]. Indivisible [AS10b, CG18]. Induced [AFN07, CHLX17, FTV15]. Inequality [AN06, CM94, GR93, HN94, KLL17, LMR90, VV17, AS80, MR96].
Interior [GPST92].

Interior-Point [GPST92].

Interlacing [MSS18].

Interleaved [GGR11, GV19].

Interleaving [GMN09].

Intermediate [AM80].

Internal [KPS94, Pro92, Rus77b].

Internet [EHJM00].

Interpolating [BC98].

Interpolation [BPR00, Chi76, Gop08, GKS90, GKS94, LS95, Man95, RB91, Shp09].

Interpretations [MSW81].

Interprocessor [HCAL89].

Intersecting [BP00, Cha92b, Goo91].

Intersection [AS90, BYCDM92, Bas72, EJS05, HL04a, HHKW07, HM99, KST99b, KKLV11, KMM06, PY79, VHTP09, CB81, FLST86, JS89a, KS96a, KM89].

Interval-Ordered [PY79].

Intervals [BYHN+06, CFK+07, DCV90, Esw75, LS75, NHL82].

Intractability [DKK+19b, FGLS10].

Introduction [Gol98, Vaz97].

Intruder [SY92].

Invariance [CK91].

Invariant [HL14, Kao97, MM02, WW75].

Invariants [BG84, Ver05].

Inverse [Chi77, KS98].

Inverses [BC91, LCC90].

Inversion [Csa76, vzGS00, Lie89].

Inverting [FN09, Kal93].

Investment [ADK04].

Involving [Rus77a].

IP [Mei13].

Irrational [CK00].

Irreducibility [CHJT04].

irreducible [Ata82].

Irrelevant [BP20].

Ising [Gj13, JS93].

Isolation [CRS95, vMP19].

Isometry [CVG13].

Isomorph [Per74, Wil73].

Isomorphism [AT00, AB97, AGvM+18, ABC+13, BES80, BW15a, Boo78, CG07a, FFK96, Fis05, FM08, GQ17, GM15, IQ19, KT88, LS19, LRR17, LPPS17, MRŚ10, STL94, Tor04, CK80, FS86a, Hsu95, Lub81].

Isomorphisms [BH77, MWY78].

Isoperimetric [KMS18].

Isoperimetric-type [KMS18].

Issue [AGK+09, Bab06, DT08, FGKO08, GS06].

Issues [BLMW11, GKR05].

Items [CG18, RT89c, Rhe90, RT93, RT89d, RT89e].

Iterate [HHR11].

Iterated [CLS19, FLMS15, GG12].

Iteration [BEW80b, BÈ88, BEW80a].

Iterations [BI06, KY15, FSW87].

Iterative [BEW80b, Fr90a, FNR15, IM20, Sei77, Tra72].

IV [MSS18, Pul84].

J [BX92, BG96, CCG+07, Col93, Coo81, FJ90b, HH80, HN79, Kad91, Lan91, Lon88, RS94a, SWCP96, Vai90].

Jackson [KM08].

Jacobian [ASSS16].

Jaywalking [DHP13].

Jensen [BKN09].

Job [Ado77, CM01].

Jobs [BH75, CJST07, DGBL00, DD81, FR94, HLL95, JT10, Sch04b, Sve12, Sim83, SW89].

Johnson [AC09].

join [FT83].

Joins [AGM13, Sag83].

Joint [LM94a].

Jump [Gre74, KST93].

Juntas [FV16, GLM+16].

Kakeya [DCL11, DKSS13b].

Karp [AS86].

Katona [OW13].

Kautz [GH97].

Kernel [CFKX07, DSSS08, SSSS11].

Kernel-Based [DSSS08, SSSS11].

Kernelization [CFKX07].

Kernels [FLST20].

Kernighan [Pap92].

Key [BH81b, CS03b, GS88, HNO+20, NS12].

Key-Agreement [HNO+20].

Keys [AFG+14, AIK15, DORS08, Sed77].

Kinds [Sky76].

Kinetic [AdBS10].

Kings [SS03].

Kinodynamic [RW00].

KKL [OW13].

Klee [Gaz91a].

Knapack [CK05, Jan10, MS04, SV12].

Knee [JC91].

Knock [JC91].

Knock-Knee [JC91].

Knowledge [ACK+98, BDMP01, BCH+20, BJSW20, CKPR02, DDPP08, FLS99, GK96, GOP98, HNO+09, HvdMV04, IKOS09, KP04, PTW11, RW03, ZS00, Vad06, Wat09, GHY89, GMR89].

Known [CPP16].

Knuth [KN85].

Kolmogorov [BL93, BLTV99, BFL02, Gl03, Kun96, LM08a, LV95].

Konlós [BDG19].

Kraft [BBP00, GR93, MR96].

Kruskal [OW13].
Kuratowski [KMV92].

L [Ano95]. Label [KLST00]. Labeled [DFK+19]. Labeling [AAK+06, AST99, BKS15, Che12, CN07, CKM10, KKMR09, KKKP04, Bab80].
labelings [Pro81]. Labels [CBGWW13, CHKZ03]. Lagarias [Fri86b].
Lagrangian [ML00]. Laguerre [IIM85].
Lake [BKK+10]. Lambda [R´e´v85, Wad76, Wad78, vT04].
Lambda-Calculus [Wad76]. Lambda-Conversion [R´e´v85].
Landscape [P˘at11]. Language [BJM00, BGSW19, Cas99, CCKM13, Gre73, LV95, Lie03, Raj96, Rus77a, Rus90, SF90, FL83b, HC83].
Languages [AP72, BN99b, Boo72a, BNP74, BL93, Boo94, DDW82, DDPY08, DS76, GMN09, Gli03, Gra74, Gre74, HH72, HM81, HR78, Iga77, Inn87, Kos75, KKPV07, Lev76, LMP15, LM94b, New02, PSW90, RS07, SS77a, Sky76, SZ76, WS78, aBC08, BCN81, BN78, CK87, Eng86, Har80, ORW85].
Lapse [DHPW99]. Large [Akk73, CHS12, FT15, LSH05, Mor80, PST88]. Larger [JKN08].
Largest [CDL86]. Latency [ALMZ99, ALW08, AK03, FTV15].
lateness [LS84]. Latent [ACKS15].
Lattices [AF01, Dye91, GMP05, HT98, LRS01, Mer02, MV13, PR99, Reg04, TV99].
Lawler [Ano95]. Laws [Dev98, Dev02, HK02].
Layered [FFK+98, MR02]. Laying [HR92]. Layout [AKW00, DMW05, EGS03, BH87].
Layouts [EMSV12, HPT99, LP94, LS19, Mic04, Sco76, SOAD09, HR87].
Lazy [AHS92, Ann19, MSV87]. LCA [CH05]. LCCs [DGW20]. LCF [Coh83].
LDFS [CDH13]. LDFS-Based [CDH13].
Leader [BN00, GHW10, RSZ02, Sin97, AAG+89].
Leading [BBM13]. Leaf [Vai87, CW83, Vai90].
Leakage [FRR+14, GR15, NS12]. Learn [KLN+11].
Learnability [BH18, IMM+10, LW93, SG04]. Learned [CGG01].
Learning [ABK+98, ABK+04, BJS97, BS15, BV96, Buh94, BH95, BGGM98, BJK99, BM02, Cas99, CK90, FOS08, FGKP99, GFRW12, FX15, FS92, GR93, GW12, GM92, GR90, HSW92, Hit07, JS05, KKMS08, KL93, Ko91, KM93, LV91, Maa97, Nat91, Nat92, Nat99, NSW11, OS07, Ser02, SSSS11, Sim97b].
Least [EK10, EQ19, HL87, TO92]. Left [BEM10, Nor89]. left-shift [Nor89].
Left-to-Right [BEM10]. Legged [BDL00].
Lemma [AIK19, CGH13, CR00, FPS16, GS00, GLLZ19, HV20, JM96a, Kol18, LLRS01, MW20, RRW01, SBL04, ORW85, Srl06].
Lemmas [EPR81]. Lempel [FNV13, KS00, KM99, LST99]. Length [AFG+14, BH03, CJST07, DP94a, ET93, Efr12, Gab07, GG10, GLP75, Jac72, KPS94, Mel77, ML00, Szk99, Thu99, FMP82, Gab88, LY89, SW89, Vit88].
Lengths [AST76]. Lens [BDV21]. Less [Xia13].
Levels [AdBMS98, AES99, Ch00, Mat91, Ko89].
Levin [TW14]. Lexical [Lub87].
Lexicographic [Hal08]. Lexicographical [Lie93]. Lexicographically [Hal08].
Limit [CPY89, Dev98, Dev02, HN02].
Limitations [KC17, Cyp93b, JS20, Kla84, Mis77, RS81]. Limited [ABK00, BNT98, BG98, BS03, BH75, CK14, HS03, LP94, T003]. Limiting [MP87, SW93]. Limits [AS16, Dru15, KS15, SMW07, VZ13]. Lin
[Pap92]. Lindenstrauss [AC90]. Line
[AS05a, AU72, Alb98, AGL99, BNFN01, BGLL99, BDD+07, BS82, CEG+93, DT96, FG98, FM90, GW93a, GI93, Goos91, IL82b, KRS10a, KS95, LS98, LSH05, LL92, LRWY99, MM93, Mat91, PS91, RT93, SL96, SWW95, Tet99, To92, Tt903, ALM96, BFL06, CCG+97, CL91, Frew85, LMSPR01, MR80, MRK88, Rap89, SC79a]. Linear
[AT77, AAvK+13, AM96, ABS07, AKW90, AN93, ALHT99, AOS12, ABCP98, AK09, Bak78a, BEK14, BBR04, Bie90, BP90, Bod96, BNP74, BN78, BDD+07, BS82, CEG+93, DT96, FG98, FMR90, GW93a, GI93, Goos91, IL82b, KRS10a, KS95, LS98, LSH05, LL92, LRWY99, MM93, Mat91, PS91, RT93, SL96, SWW95, Tet99, To92, Tt903, ALM96, BFL06, CCG+97, CL91, Frew85, LMSPR01, MR80, MRK88, Rap89, SC79a]. Linear-processor
[Pol95, PR94, RS10a, RR04, Reg96, RT82, RZ16, Sav74, Sch13, Sei77, SSSV01, SPLK98, ST13, SY80, Tar72, TZ12, TSSW00, XLLX90, Ye90, YY14, A80, Bin84, BW79, CC82, FHH+88, Hly89b, KP82, KM89, Meg83b, MII88, PS81, SW85, SWCP96, Sch78, Sha79, Shi79a, TY84, TY85]. Linear
[Pol95, PR94, RS10a, RR04, Reg96, RT82, RZ16, Sav74, Sch13, Sei77, SSSV01, SPLK98, ST13, SY80, Tar72, TZ12, TSSW00, XLLX90, Ye90, YY14, A80, Bin84, BW79, CC82, FHH+88, Hly89b, KP82, KM89, Meg83b, MII88, PS81, SW85, SWCP96, Sch78, Sha79, Shi79a, TY84, TY85]. Linear-processor
[Kao93, KS93]. Linear-Sized
[AN93, LS18]. Linear-Time
[Be90, Bod96, BGG+08, CCC+09, DHK96, EGS10, GM91a, GM92, Kev99, KR07, Lu14, Sei77, Meg83a, KM89, SW85, SWCP96, TY84, TY85]. Linear/Polynomial
[NW06]. Linearity
[KLX10, GO80]. Linearization
[GV06]. Linearly
[HL72, MPS+94]. Lines
[AMS98, BDD+07, EOS86, KS03a, Pel94]. Linguistics
[Maz76]. Link
[BT05, CBGW13, DTCR08, SWK09]. Linkage
[KT96, LW98b]. Linkages
[HJW84]. Links
[CH03b]. Liouville
[SAC85]. Lipschitz
[JR13]. List
[Alb98, BE17, CW07, CGV13, CV10, CS80, CV88, CPPW12, GW93a, GGM+15, GGR11, HRZVal10, JIK09, KY10, KS13, OH87, BD86, CCG+97]. List-Decoding
[IJK09, KS13]. Listing
[CN85, KK98, Rus81, Tro78, Sys81]. Lists
[CGS99, HK87, KOT00, Wilt76, BT80c]. Literal
[BPP89, PB85]. LL
[LC05]. LLL
[NS09]. Load
[AKU05, AKK08, AKH07, BNFN01, BFG+07, FG912, GLM+99, MRW00, NW98, RS94a, BJR99, BKK+04]. Loaded
[BCSV06]. Local
[Aar06, AIK19, Ann19, App13, AL18, ALN+12, AGK+04, AST99, BFvR15, CGH13, CMM10, CV10, CAK19, Coh16, CM16, DF18, DGP07, FW14, FRS19, FRT93, GS17a, GLM+99, GKK93, GS17b, GLLZ19, Har20, HV92, HRZW20, HRW20, HY20, JL77, KYY98, KKR06, KBP03, KMP+20, Kol18, KR05, KS13, KP04, KLL17, LSV13, LLRS01, Lev76, LS10, Mes10, MR10, NS93, OPS04, PS77, Pol95, SS10, SY91, ST13, Siro14, Zha19, Jaf85, CKP19, CP19a]. Locality
[AvMSS12, App13, CHP19, CKPT19, KP00b, Lin92, ST72, Vit88, IPK96]. Locality-Sensitive
[CHP20]. Localization
[GMR97, KMM10]. Localized
[AHKL07]. Localizing
[DRW98]. Locally
[AE15, ABE14, BSG+10, DS07, Efr12, KY09, KM94b, Kre90, Mei90, NS95]. Locating
[BH13, KM96, Pre79]. Location
[ASS17, AGK+04, CMMW07, BA10, CP90, CN18, CG05, CJC92, CPT96, CS03a, EOS86, GT98, LP77, MYZ06, MTZC81, Pel96, Pre81, PT92, Sny92, TV91, Tho05, EKLS16, MS84, Pap81, PT89]. Lock
[LP20].
Locking [Pap83, Yan82, CRS87]. locks [Mit85]. Log [BCH86, BKY81, JS05, KOR98, LR90, Wil86, AM05, HM81]. Log-Depth [JS05]. Log-logarithmic [Wil86]. Log-Logstar [BKPY18]. Log-Space [KOR98]. Log-tape [HM81]. Logarithm [Che05, LW88b]. Logarithmic [CV88, EW03, EK05, GJLR97, LWY20, PD06, Rei86, Che86, Wil86]. Logarithmically [CKPR02]. Logarithms [GSY95, MW99a, Sho97]. Logic [GM18, KMPHT14, KT15, Lad77, LFS00, LMPP15, MS07a, PST00, SOAD09, TT01, Car84, Dou84b, PCHM85, RL88, SPH84b]. Logical [Zim98]. Logics [AM13, EJ99]. Logspace [KKLV11, Mac99, RY87]. Logstar [BKPY18]. Long [App13, BGH+15, GHH+17]. Longest [AdBS10, CGYZ06, FMS02, GG10, JL95a, KS00, MTZC81, SS17]. Longest-Side [AdBS10]. Look [Sav73, Smi76]. Look-Ahead [Smi76]. Loop [Mis77, Yao78, IL82a]. loop-free [IL82a]. Loops [CCC+09, MS90]. Loopy [EHS+19]. Losers [BV06]. Loss [DKK+19a, GKM10, SSSS11, VLO10]. Lossy [PW11]. Lovász [BKM19, BGG18, BPS07, CGH13, FK03, GMPT10, HV20, Kol18, PS12, S106]. Low [ACKS15, AN19, Aga92, App13, BGB16, KNL99a, BGL04, Cha05, CFK21, CDK+20, DH13, DMM06b, FK00, FFKP18, GHH+17, Has88, HPM06, HPK13, HPQ17, KRS10b, KRY96, KPS19, KM99, MR08, Pag01, SU09, SL94, Tom92, KS85]. Low-Degree [GHH+17, KRY96, KP98]. Low-Density [HPQ17]. Low-Dimensional [Cha05, HPM06, HPK13]. Low-Dimensionality [BGK16]. Low-Discrepancy [CFK+21]. Low-Distortion [ACKS15]. Low-End [SU09]. Low-Error [DH13]. Low-Rank [DKM06b]. Lower [Aar06, ABP18, ASSS16, AG94b, AM05, AVMSS12, AARV21, ACHAH16, ACH10, Aza92, BBGR08, BHK+19, BE98, BFL06, BC91, BPS07, BB16, BAG01, BG92b, Bsh89, BKS15, BT20, BOBP+04, CW04, CR10, CR12, CG10, CEEP16, Cha98b, CFKX07, CLS19, CHPZ95, Cyp93a, DP94a, DvM06, DVM+94, EAP99, Elk06, EEST08, Eri99, EP98, FGLS14, FLSM15, Fre81, GR05, GG10, GMWV17, GadHW96, GMJ98, GP18, GKS08, Gra90b, GT00, HHH15, HS79, Hit07, HY20, HR03, JTT00, Joh88, Kam05, KRR94, KLS17, KLL+15, Kla07a, Kla07b, KRT17, KR09, KM98, KMRZ98, Kut02, Lan14, LM08a, LWY20, LP13, Mac97, MST91, McD88, Mul99, MW20, NH90, PY91, PD06, PT09, Pat11, Pau77, PR00, PV16, PS12, Pon98, Ram94, RRSS09, RS03a, RSY08, RV01]. Lower [RS02, San09, SWK09, SB10, Sei96, Slp03, SF11, Tom92, VZ13, Vio12a, Vio20, Wil89, Wil13, Yao91, dBBKB+20, Cha84, CR80, CDR86, FMP82, Gra88, Kal85a, Lic89, MNA88, Sta80, Zwi91]. Lower-Bound [Mac97]. Lower-bounds [AARV21]. Lower-Stretch [EEST08]. Lowest [AHD76, ASSU81, SV88]. Lowness [BBS86a, BORW88, KN05]. LP [ASS17, Hal08, IWY16, Kun81]. LP-Based [ASS17]. LP-branching [IWY16]. LP-scheduling [Kun81]. LP-Type [Hal08]. LPs [KRTV18]. LP-T [Fri87a, GSS77]. LRF [KK86]. Lubricant [Ros82a]. Lucas [Kut02]. Lucid [AW76]. Machine [Ado77, Ann91, Che93, CMS18, DH04, EMS+12, GS02, KTW99, Maz76, QS06, SU05, ST00, IKM85]. Machine-Independent [G02]. Machines [AST76, BNGSN01, BAG01, BS78, CL08, CK13, CF93a, CG97, DvM05, DKR96, FK90, Gil77, IJTW95, Kp91, KLL90, LP03, LL90, LL92, PY91, PR06, San75, Sch80, SWW95, SZ76, Sve11, Sve12, Vitis85a, BN89, Cr80, CDR86, DG84, GR85, IP87, KvLP88,
Macro [EM03]. Made [DFKL20, PVZ16].
Maintainable [HW93]. Maintaining [Ber16, DGIM02, GI93, GGK16, HF98, HK01, LV13, Yao85a, Man86].
Maintenance [Bak97, Cha03, DV00, Kap00, La 00]. Major [Sib98]. Majority [ARS97, GK98a, SV10, She09]. Make [GJ00, Sav73]. Makes [CM13a, KST93]. Makespan [CFF +12, E ¨OW14]. Making [BGH +15, HMR18, KLN15, RA00, IR96]. Malicious [KL93]. Malign [Mil93]. Malleable [ADL18, LPS20, MRT07]. Mal’tsev [BD06]. Management [AV03, EW12, KL+04, LRWY99, BLS97]. Managing [AFG +14, Ros75a]. Manhattan [Szk99]. Manin [BGS07]. Many [AMS98, Ala14, CKPR02, CGL20, CK14, ECM03, EGS10, CP84]. Map [Sak90]. Mapping [BLNZ15, IL04, WG05]. Mappings [Yun79]. Maps [CPT96, HP99a, KRS10b]. Market [GMSV15, Jai07]. Markets [AGM+11, CKLW01]. Marking [HL86]. Markov [BMS13, CGG01, CDG +06, FPP11, HT82b, KPR00, LRS01]. Man [Kav14, NH90, Gus87b]. Marriages [IL86]. Mass [CPW82]. Massive [FKSV02, PT07, ST13]. Match [Cho03a, Ch06, Riv76, Sch04a, Bak78b]. Matchgates [CLX17]. Matching [AWY18, Abr87, AG2+11, ABK+04, ABF94, AALP96, AK11, BDG19, BGS15, BGS18, BH18, BDL14, BG92b, BY98, BCC+13, CRS95, CCK+09, Che97, CT90, Col94, CHPZ95, CH97, CH02, CH03c, CGG+97, CGL+98, CLM+20, DGY11, DKS88, FG98, FM90, GS80, GP90, GG91, GG92, GPST92, GV05, Har20, Har09, KLI99, KLP96, KMP77, KRT17, LSV13, LPSR09, MS91, MT78, RT81, SRR95, Sub94, TU93, Vai89a, Vis91, Bak78b, BG90, GMG86, Liu81, SR83, SRP83, Yao79]. Matchings [AIKM07, GKK13, GHT76, HHR +16, KLST00, KLST01, RRW01, SW06a, YYI12, HK73, MNS86]. Mathematical [BLM11, May81, MR84, RD81]. Mathematics [ER80]. Mating [CC+09]. Matrices [BG95a, CGV13, Cop82, DKK06a, DKK06b, DKK06c, DPPR20, FJ84, GL80, Gia95, HM91, HJ97, LV75, LCC90, Lu87, Pan00, PRA75b, BC87, BG96, FJ90b, SL80]. Matrix [ACIM99, AGKM16, AKOT03, BP98, BGD14, BD17, BR98, BD76, BD78a, Bsh89, CLS19, CW82, Csa76, CL09, DNS81, DKK06a, DKK06b, DKK06c, FLMS15, GLPW16, Gie95, GG15, HKSS17, HS97, HM73, HS82, HS84, IKS10, Kal95, LC89, Lan14, Lem75, LWN9, Pan80, PP95, Pro76, Ram96, Raz03, RS0a, Sch81b, SW19, She11, Shp03, Ata82, Ill89a, JM86, KB79, Rom82, Vel85]. Matrix-Chain-Product [Ram96]. Matroid [CCPV11, DK14, FW14, GJ13, Har09, HL04, Ill05, JK82, LSV13, NSV94, Sot13, Cmu86, FS89]. Matroids [DK14]. Matter [KR02, SS12a]. MAX [Kar99b, AS10b, BFK +14, CHZ07, Coh95, EP09, GVVY96, H˚as14b, Pol95, Tre12, JKLS05, JKK06, JKMO07, AR98b]. MAX-BISECTION [JKLS05]. Max-Cut [Pol95, KKMO07]. Max-Flow [Coh95, GVVY96, AR98b]. Max-Min [AS10b]. Max-Not- [H˚as14b]. Max-Stretch [EP09]. Maxima [ABSD +98, CMS14, GKK93, Kap00, LKS97]. Maximal [Akk73, BGS15, Bsh90, Gar74, TIAS77, CHT93, GMG86, GS89, LLK80, Lu86]. Maximally [AOS06, KLR19]. Maximin [LR89]. Maximization [BFNS15, CG10, CHK13, CVZ14, EWSV20, FW14, KMZ18, Von13]. Maximizing [CCPV11, Fei09, FMV11, GR12]. Maximum [AOT89, AHS92, AA89, AMS11, AK97b, AI77, ACM +99, BY86, BX91, BKM+17, CC99, CH95, CHM96, mCL04, CFCH+00, FK03, FW98, Gav72b, GKK+18].
GAOPL+21, Had75, Har20, Hsu85, IS79, KLST01, KMV91, KLR03, LS93, MI97, Mol04, P$\text{SW\text{v}Z}17$, TT77, WBZ13, YYY12, BX92, BH81b, CM89, CNS82, GGT89, HJ85, HK73, Hum89, KM96, LS84, MN88, MNS86].

**Maximum-Density** [mCL04].

**Maximum-Flow** [CH95, CHM96].

**maximum-likelihood** [Hum89].

**May** [Nor09].

**maze** [CR80].

**MCMC** [EHS+19].

**McMillan** [BBP00].

**Mean** [AC82, DD81, KK86].

**Means** [ANFSW20, AV09, Che09, CAKM19, FSS20, FR919].

**Measure** [AKOT03, Bis78, BvMR00, BL02, Gaz91a, Lut90, LM94b, BCN81].

**Measurements** [SZ08].

**Measurements** [GLPS12].

**Measures** [BL99, Cha03, GS88, KK06, MR07a, Mil93, Pat13, Mil93, PM03, Tho05].

**Mechanical** [RS03b].

**Mechanism** [BCGL17, BKV11, DD13, DR14, GKLV14, KLSvZ08].

**Mechanisms** [Ala14, BSS14, Bar84, BN14, DSS18, GR512, JLTX20, FL3b3].

**Media** [BNL04].

**Media-on-Demand** [BNL04].

**Median** [ANFSW20, AGK+04, Che09, CAKM19, Dz99, FMP+03, KR07, LS16, MP03, Tho05].

**Medians** [BGKP99].

**medium** [Fri87b].

**Meet** [DPV15].

**Meeting** [RRW01].

**Meets** [Ann19, KR05, Tre90].

**Mellin** [Pro92].

**Membership** [AdFM18, BM99, BCMW17, GS07, GK91, HH91, JS81, Koz09, Loh06, LP13, New02, Og95, VZ13, Hu86a].

**Memoriam** [Ano95].

**Memories** [GK97, KS77, MO74, LS84].

**Memory** [AV03, ACFW98, Cad9HS00, DGLV10, GJM00, GMR99, LL00b, MPS92, MW88, Nis94, PPS00, Reg96, SWPL11, VZ13, BN89, FSW87, Ord89, Yao81].

**Memory-Efficient** [Reg96].

**Menger** [RLWW97].

**Merge** [Col88, DY75, FR80, SY80, Col93].

**Mergers** [Coh16, DW11, DKSS13b].

**Merlin** [BNL04, Fab77, FKS93, GGGK92, HU73, HL72, Hwa80, Kon72, LM99, Lin84, Pur77, Sed78, Tan78].

**Mersenne** [KY09].

**Mesh** [AKW00, BWY15b, CLLS96, HOS00, MV00, CSS90, NS80].

**mesh-connected** [NS80].

**Mesh-Free** [HOS00].

**Mesbes** [BCH97, PPS00, Sib98].

**Mesbing** [CD03, CDRR07].

**Message** [AG91, BNGNS00, CT90, CK96b, DMB97, FJ89, GK10, HK90, LAB01, FN80, FJ0a, GMR88].

**message-based** [FN80].

**Message-Driven** [DM97].

**Message-Optimal** [CT90].

**Message-Passing** [CK96b].

**Messages** [BGKL03, BGRV98].

**Metabelian** [Cla89].

**Meters** [KBP03].

**Methodology** [HKL00].

**Methods** [ALMZ99, FRV10, Fri90b, GMR88].

**Metric** [AG91, BNGNS00, CT90, CK96b, DIM97, FJ89, GK10, HK90, LAB01, FN80, FJ0a, GMR88].

**message-based** [FN80].

**Message-Driven** [DIM97].

**Message-Optimal** [CT90].

**Message-Passing** [CK96b].

**Messages** [BGKL03, BGRV98].

**Metabelian** [Cla89].

**Meters** [KBP03].

**Methodology** [HKL00].

**Methods** [ALMZ99, FRV10, Fri90b, GMR88].

**Metric** [AG91, BNGNS00, CT90, CK96b, DIM97, FJ89, GK10, HK90, LAB01, FN80, FJ0a, GMR88].

**message-based** [FN80].

**Message-Driven** [DIM97].

**Message-Optimal** [CT90].
[HPK15, HW02, KC94, LM15, RS91c, Rot17, ST00, Spr02, LVW84, Tur86]. **Minimize** [AC82, DD81, GJ85, GKK85, Li20, MRS05, SL96, LS84]. **Minimizing** [AHM08, AALR02, EKLS16, Iwa03, KTW99, Lar77, LY89, LP03, RU81, WW13, AK88, Sag83]. **Minimum** [AC82, DD81, GJ85, GKK85, Li20, MRS05, SL96, LS84]. **Minimizing** [AHM08, AALR02, EKLS16, Iwa03, KTW99, Lar77, LY89, LP03, RU81, WW13, AK88, Sag83]. **Minimum-Cost** [AAZ16, BY98, CVV03, Végi16, BeT89]. **Minimum-knowledge** [GHY89]. **Minimum-Size** [CT00]. **Minimum-Weight** [AAV89, CT90, GJK88, LPS05, PR00, RLD96, SY89, Sha79, Shi80, SR83, SRP83, Tam87, Yao82]. **Minimum-Cost** [AAZ16, BY98, CVV03, CV14, Végi16, BeT89]. **Minimum-knowledge** [GHY89]. **Minimum-Size** [CT00]. **Minimum-Weight** [AAV89, CT90, GJK88, LPS05, PR00, RLD96, SY89, Sha79, Shi80, SR83, SRP83, Tam87, Yao82]. **Minimum-Cost** [AAZ16, BY98, CVV03, CV14, Végi16, BeT89]. **Minimum-knowledge** [GHY89]. **Minimum-Size** [CT00]. **Minimum-Weight** [AAV89, CT90, GJK88, LPS05, PR00, RLD96, SY89, Sha79, Shi80, SR83, SRP83, Tam87, Yao82]. **Minimum-Cost** [AAZ16, BY98, CVV03, CV14, Végi16, BeT89]. **Minimum-knowledge** [GHY89]. **Minimum-Size** [CT00]. **Minimum-Weight** [AAV89, CT90, GJK88, LPS05, PR00, RLD96, SY89, Sha79, Shi80, SR83, SRP83, Tam87, Yao82].
Near-Linear\cite{AO12,ABCP98,BKM+17,CAdVdM21}.

Near-Neighbor\cite{PT09}.

Near-Optimal\cite{ABL09,BDMI14,BGK+18,BCG20,CAdVdM21}.

Near-Optimally\cite{CCK+17}.

Near-Perfect\cite{FBL03}.

Near-Testable\cite{GHJY91}.

Near-Tight\cite{KMMT09,PR00}.

Near-Unanimity\cite{DKK+19a}.

Nearest\cite{AC09,AF03,CR10,HPK13,HT84a,KOR00}.

Nearly\cite{ABC+13,BHK+19, BT20,Fin20,Gie95,GKP04,GL17,KR07,RS91b,SC79a,ST13, HY88,RS91a}.

Necessary\cite{PS73}.

Neciporuk\cite{Kla07b}.

Necklaces\cite{RS99}.

need\cite{Oya93}.

Needed\cite{Sim97b}.

Negation\cite{AM05,BNT98,Val86}.

Negation-Limited\cite{BNT98}.

Negations\cite{SW93}.

Negative\cite{Pra75b,MNS86}.

Neighbor\cite{AF03,CR10,HPK13,KOR00,PT09}.

Neighborhood\cite{ABC98}.

Neighbors\cite{AKS14,AC09}.

Nerves\cite{TT13}.

Nested\cite{Lan92}.

Net\cite{BDK00,RS10a,May84}.

Nets\cite{AES10,HPM06,Lie76,MAA97,OW13,GL87}.

Network\cite{ACKS15,AOST94,Alb09,AKU05,AZ04,AAZ16,ADK+08,BKN10,BD93,CEKP18, CFLY11,CHKS10,CRV10,CLL13,Egos07,EL86,ET75,FGG08,FRO6,FNR15,GT89, GKP04,GKJ19,GRKF87,Gus90,JNS06,RR94,Kar99a,SS08,Koc92,KKL04,LNSS09,LS13, LSS75,LSS13,MMP08,MW88,PRS94,SS98a,ALM96,CM89,CR86,Gus83,KMZ87,Rei83}.

Networks\cite{AG91,AG94a,AL10,BYNSS00,BYY93,BNT98,BF94,BTW00,BHV99, Cam03,CRP11,CRK15,CY19,CG07,CR91,COH95,CG07b,Cyp93a,CD18,De10,DKKP99, DY75,DGHK98,DPPU88,ELRS03,FRS+20,FJ89,Gam03,GMJ98,GK12b,HB94,HHW05,IS79,KBP03, KM08,KP04,KM98,LMS98a,LP98,LM99,LHX99,MS99,MS08a,MT89,MR10, NR95,NV03,Ngo05,Nut10,Pio04,Pip91,RS94b,SW99,Sin97,SV00b,Tam98,TS81,Yao80, YY85,AKR95,EMC85,FWS87,FJ90a,GR85,HJ85,JM96b,MNS85,MRS8,Ron82,SW85, SWCP96,Sc79}.

Neural\cite{Maa97,MW88}.

Neurones\cite{Ald75}.

Newton\cite{Fri90b}.

Next\cite{Mao93}.

NFA\cite{JR93}.

NGSM\cite{Iba78}.

Nice\cite{Che12,KY09}.

Nilpotency\cite{HJ90,Kar92}.

Ninth\cite{AKS90}.

NNJAG\cite{EPA99}.

No\cite{BKN09,CHHKM17,CG01,CPPW12,BX92,BJR89,BG96,CCG+97,Co93,Coo81,FJ90b, HH80,HN79,Kad91,Lan91,Lon88,RS94a,SWCP96,Tom82,Vai90}.

Node\cite{AKW00,BHL18,Ben95,CR91,CRV15,CR91,Col93,Coo81,FJ90b,HH80,HN79, KAD91,Lan91,Lon88,RS94a,SWCP96, Tom82,Vai90}.

Node-Connectivity\cite{FNR15}.

Node-Deletion\cite{KDG79,Yan81a}.

Node-Disjoint\cite{AKW00}.

Node-weighted\cite{BHL18,HLP17}.

Node-Weights\cite{Nut10}.

Nodes\cite{Pro92}.

Noise\cite{BE17,DRST14,GK12b}.

Noise-Free\cite{Nat99}.

Noisy\cite{BNT+19,DORS08,EP98,FRR+14,FRPU94,GK08,SS98,NSW11,PRS94}.

Noisy-Channel\cite{PRS94}.

Non\cite{ADL18,BP15,CPS16,FMV11,FW14,LPS20,Hum89}.

Non-Black-Box\cite{BP15,CPS16}.

Non-context-free\cite{Hum89}.

Non-Interactive\cite{LPS20}.

Non-Malleable\cite{ADL18,LPS20}.

Non-monotone\cite{FMV11}.

Non-Oblivious\cite{FW14}.

Nonabelian\cite{MR12}.

Nonadaptive\cite{DK15,Gam03}.

Nonapproximability\cite{BGS98,KTW99}.

Nonblocking\cite{CR91,CG07b,GHKT12,HHW05, JTT00,MT89,Ngo05,RW05,ALM96}.

Noncanonical\cite{SW76}.

Noncommutative\cite{JM86,LTW18,MV75}.

Nonconvex\cite{ESV20,MAA86,VA00}.
Nondeterminism [Bal85, BG98, BG93b, CC97, CIRR16, DF92, HVV06, RA00, SB84, KF80].
Nondeterministic [CHPW98, Gef91, HS03, Imm88, Jay98, LH00, MW20, Sei77, Ven92, WM97, dW03, DG84, Hen80, RS81].
Nonexclusive [Mit85].
Nonexpanding [CSS09].
Nonindependent [Doe04].
Noninteractive [BDMP91, FLS99, GS12].
Nonisomorphism [KvM02].
Nonlinear [HS87].
Nonlocal [SZ08].
Nonmalleable [CGL20, CRS14, DLWZ14, DDN00, PR08a, PR08b].
Nonmigratory [CLT05].
Nonnegative [AGKM16, CCL16, GLM+16, JV75, LW18, Moi16, Ata82].
Nonoblivious [FMS05].
Nonoverlapping [KM96].
Nonpreemptive [Kun81].
Nonreducible [APS74].
Nonregular [HR93b].
Nonscalar [PS73].
Nonsequential [ACFW98].
Nonserial [Ros82b].
Nonsimple [dVE10].
Nonstandard [LS95].
Nonstochastic [ACBG+17, ACBFS02, DFK120].
Nonsymmetric [Kar79].
Nontrivial [Gra90b, Mal05, Gra88].
Nonuniform [CHK13, CHKS10, EHP17, KR05, LMP02, Mol90, RW00].
Nonuniformly [Wil85b].
Nonuniversal [Pri79].
Nonzero [BW99].
Norm [AN06, DHR20].
Normed [AHM+08, Ben77, BG84, VL00, Ili89a, KB79].
Norms [ACS08, BFG+19, BOC92, BBS86b, BC76, Bra08, BS03, BD76, BD78a, CM13a, CFHM20, Chv77, CadVdM21, CDG+06, DFP13, ERS20, FHKS02, FR06, Goo91, GPW18, Gro03, CG73, Fus88, Lan91, Len87, MT84, Nos82, SW79, Tam87].
Number-in-Hand [PVZ16].
Numbers [BMS86, Bac88, BCG93, CK00, FLS04, KY09, Rup00, HJLS89, HH79, HH80, HJLS14].
Numeric [ABF+99, ABKPM09, GMN09, KW00, Mil75].
Numerically [LMM99].
NV [Oya93].
NV-sequentiality [Oya93].
O-Efficient [MZ08].
Obfuscation [AS16, BP15, BCG+18, BDV21, GGH+16].
Object [CvdM00, HOS92, KQT99, Rut90, HW86].
Object-Oriented [Rut90].
Object-Preserving [CvdM00].
Objectives [Vé016].
Observations [Boo91, BMS13, Fre78, Sti90, Huỳ86b].
Observing [LSV07]. Obstacles [CKT00, KM00, YLW95, Pro88].
Obstructions [GRS06]. Occam [Nat99]. Occur [ASSS16].
Occurrence [KST93]. Odd [CH87, DV00, Eri99, FR80, Sed78].
Odd-Even [FR80, Sed78]. Odlyzko [Fri86b].
Off [AKW00, LY13, PU90, AB79, Elk06]. offline [IM83].
Often [BFS06]. On-Line [Alb98, BNFN01, BGLL99, DT96, FG98,
GW93a, GI93, KS95, LS98, LL92, LRWY99, MM93, RT93, SL96, SWW95, Tet99,
ALM96, BFL06, LMSPR01, CCG+97, CL91, Fre85, MR80].
Ones [ABH98, CLWZ04, ES15, LL90, AHMP87, NS80, VeI85, JKN08].
Open [AC82]. Operation [MST91, BEW80a, Blu86]. Operations [AR98a, BP90, KB76, Mul99, Pan80, TV99,
AW96, BJR89, FL83b, OH87]. Operator [BG907, CRGMS81, LMP95]. opt [CKT99, BKK+04]. Optical [BFL06, GJLR97, GJM98, GMR99].
Optical-Communication [GJMR97]. Optima [Cha03]. Optimal [ABW18, AAK+12, ABL09, AV03, ABD+07,
ABD+05, AMMW07, AHR96, AIS08, ACK+98, BR79, BNL04, Bas73, Bas76,
BCR18, BKS92, BAFF99, BMMK07, BDMT98, BW79, BH98, Bol81, BN00,
BFvRv15, BDMII14, BW17, BGK+18, BCG20, BN14, BFSU98, BMVR02, BT20,
BCCR92, BA10, CK17, CR10, CR12, Cha91, CN18, CRS95, Cha92b, CKLW01, CGV11,
CP12, CR86, CT90, nCLO4, CFW93a, CDK+11, CV88, CSS89, CGH+98, CPP16,
DKLR00, DGV05, DKH11, DLV98, DKR96, DHM12, DS00, EGS86, EvS05, EHJ00,
FM07, FV16, FG98, FS20, FK15, FK+08, FGLS14, FY96, Gar74, GS90, Gaz91b,
GL80, GKK+18, Gie95, GKS93, Got81, GL17, Gus87a, HCD89, HF98, HSS13,
HKSS17, HKL00, HM95, HS99, HP08, Hol73, Hol74, Hwa80, IKL+04, Ita76, J~aJ79,
JMP11, JR94]. [KQT99, KKKMS11, KU99, KMW75, Ked85, KKMO07, KK00,
Kir83, KsdW07, KRT03, KS95, Kre90, KV98, Lar87, LP83a, LL95, LLo0a, LLo0b,
LRS17, LY05, LS93, LL92, Lu14, Mal05, MS76a, MPS92, MR01a, MPR879,
MO12, Moi16, NR95, NN14, NN17, Olt76, OR86, PP08, PSW90, Par77, PU89a, PR02,
Pio04, RR89, RT90, RS92, RS94a, RS91b, RT89c, RT89d, RT90e, Rhe90, SV95, SS11a,
SW99, STU97, Sho92, Smi76, SR97, Uq11, VV17, Vit85a, YHC87, Yao94, Zav77, Ze88,
AB96, BH97, BN89, BH81b, Bit82, BG90, Cha84, CW83, CL91, Fre81, HT82a, HY88,
HR87, MN88, RL88, RS91a, Ros82b, Vit85b].
Optimal-Time [CSSS89]. Optimality [DHIP07, GK18, KMP14, Par80, Par98,
SY80, KMSZ87, Zha95]. Optimally [AA18, CCK+17, HT17, NGM97].
Optimistic [FMS05]. Optimization [AFB96, AU72, ABL09, BH18, BV06, CvdM00, CF93b, CCC+13, DFKL20, Gär95, GKL13, GKV14, GPR11, Iba73, KM97b, KS97, KY15, Lue81, MS92, OP04, PR99, Ron82, SS12b, Wei80, YYI12, Zim98, ASSU81, HS81, IJKW10]. Optimized [IJKW10]. Optimizing [CBH84, GMN09, GLPS12, JK83]. Optimum [EMC85, Hos75, Hu74, LP94, MYSH77, TB84, VC85, AMS84]. Oracle [BG81a, BHIK97, BJ99, FFK96, Lut93]. Oracles [DTCR08, DP20, FHOS97, Gas87, HV20, Mer01, PR14, Lon85, Lon88]. Order [AdBMS98, ABI97, BP93b, CFJ+10, CBCG05, Coo74, FR75, Gab77, GM09, HHW98, KRTV18, KM94b, KMZ18, KKPV07, LS09, LS08, PST00, PV98, PH97, RS07, YHC87, Yao89, Car84, Gra84]. Ordered [BN82, BST95, BCL75, FT88, GHSZ08, HL72, KM95, PY79, Kni88]. Ordering [BRS98, GM79, GHM+11, MMSA93, Oht76, Opal79, RR04]. Orderings [BT80a, CHPJ20, Lub87]. Orderly [CLL05]. Orders [GRS93, KW95, KV10, KV12, LS19, Sch16, dOS94, dBG08, FLST86]. Organ [KKM84]. Organize [Bit79]. Organizing [GMS81, Hen76, Fre84, OH87, TN82]. Orientation [BTW00, SV18]. Orientations [BB88, KS03a, WWW87]. Oriented [HT84b, MW99b, Rot90, CGJT80, Gol81]. Orienteering [BCK+07, CHP08]. Orthogonal [BCR80, DLV98, HST05, KR5908, Lemu75, MW99b, Mor06, Vai89b, Wil85a, Gol81, SL80]. Orthogonally [BR18]. Other [Aga92, BH77, BGK+08, DY10, DORS08, EY10, FL94, Gk07, HM73, KKM07, MV75, Pat13, Tom92, YYI12, ZR79]. Ottmann [PS91]. Our [GGL+13]. Out-Degree [Sén05]. Outliers [HPW04]. Output [BP98, ES05, Gav72a, GM91b, Goo91, KB76, Iba78]. Output- [Goo91]. Output-Sensitive [ES05, GM91b]. Overflow [KLM+04]. Overlays [KS03b]. Overloaded [KS95]. Overview [BLMW11].
Parallel
[RT88, RS92, Rut90, Sch04b, SWW95, Sky76, Smi86, Sni85, Sti90, TV91, TV85, Tsa92, UY91, VTL82, Val82, YHC87, adHW87, vzG84, vzG87, AA88, AHMP87, AB96, ACG89, AV87, BOFKT88, BJR89, BN89, BG96, BG90, CTK93, CDR86, EMC85, FLST86, FRW88, GS89, Hag90, HY88, Hya79, KS91, Lub86, MC87, MRK88, NS80, RR89, Rei84, RS94a, Rei85, SW85, SWCP96, SJ81, SV84, TC84, VSBR83, VT89, VW85b, adH86, vzG86]. Parallelism
[CD17, Mak97, Val75]. Parallelization
[SV88]. Parallels
[HR78]. Parameter
[CCK20, CHM13, CLP19, DDDR11, FBGSV15, FG15, LPPS17, MR14, VHP90, WBZ13, DF95]. Parameterizations
[FGLS10]. Parameterized
[Bak97, BM14, CG07a, CHM13, FG04, FV13, FGLS14, Jan10, KST99b, LMS18, MR14]. Parameters
[Epp03, OS11, WM97]. Parametric
[AM93, CFKX07, GGT89]. Parametrized
[DFVW99, Hli05]. Paramodulation
[Sta80]. Parenthesized
[MMN14]. Parentheses
[MR01b]. Pareto
[DY10, MO12]. Parities
[FGKP09]. Parity
[EWS05, GL13, Hasi14a, JPZ08]. Parser
[ABW18, AP72, PSW90]. Parsers
[AU73]. Parsing
[Raj96, SW76]. Part
[MR91, SPh84h, CV88, CMS97, CMS00, Col00, HPT99, HP99b, HS82, HS84, RS91b]. Partial
[ACK+98, Bro79, CF7+10, CH03a, CH06, Chi77, DCV90, Ger76, HF98, HR03, KW95, KT77, Pur76, Riv76, Sch04a, Sch81b, Yao85a, Yao89, Mei82, Pla80]. Partially
[BN82, BWH15a, BCL75, MiiH99]. Partite
[BCC+09]. Partition
[CC99, CPPW12, GGJT10, GJ13, GPW18, KS03b, PT87a, PR17, Cun86, Hol81b]. Partitioned
[VL00]. Partitioning
[AE220, BFK14, BHK09, BNS18, BP92, ERN99, FMS10, HRW20, Jol88, Ke06, KM77, KLL17, LLRS01, PSZ17, ST13, YDEP89, CR86]. Partitions
[AS98, AGMV00, GGM+15, HST05, HS06a, Tó03, Tó08, W775, Wil76, Cha84, FL83a]. parts
[ACGS88]. Party
[HT17, HNO+20, SV08]. Pass
[CK09, CCRM86, KLM+17, Al85]. Pass-Efficient
[CK09]. Passes
[RU81]. Parsing
[CK96b, LAB01]. Passive
[PH04]. patching
[Kar79]. Path
[BJM00, BH03, BCM+15, BST95, BGK+08, CL77, CTK00, CL+09, CDH13, DP94a, Fre76, FSS13, Gol08, GI80, HP99a, HS97, HY87, KKP93, KPS94, MTZC81, Meh77, Ne99, PR05, SS05a, SCY00, SV00b, YLW95, ALM96, Blo83, GS87, MT78, Yao85b]. Path-Evaluation
[BGK+08]. Paths
[AW01, ABL+02, AKW00, ACIM99, BK10b, Ber16, BH19, BF03a, BS14, BFU94, BFSU98, CCE13, Cha10, CJS99, CH13, CNW08, CNW10, CJ14, CPT96, D10, DHZ00, DF98, EN19, Epp98, Fri02, Gab07, GKL13, Go95, GR16, HC99, HK16, HS99, HW95, IPS82, KKP93, KL15, KMV92, MS92, MW95, Mou90, NT05, RZ10, Rod10, RZ12, Sch98a, SS86a, Sha87, Sip73, SP75, VA00, Wil18, WZ15, dVE10, Coh89, Fed87, KS91, MT84, Pro81, Sch94]. Pathwidth
[KS96a]. Patricia
[NS08]. Pattern
[ABF94, CH03c, CGH+98, Dun73, FYO+15, Ku99, KPM77, SR95, She11, Vis91, FL83b, Liu81, Yao79]. Patterns
[CDK+20, MS07a, SY99, SY06]. PCA
[FSS20]. PCD
[DGKR05, DR06, GS00]. PCPs
[BGS98, BSHG+06, BSS08, DH13, IKW12, ST09a]. PDA
[Gre74]. PDL
[SPH84b]. Pebble
[KA17, VT89]. Pebbled
[Dev99]. Pebbling
[GLT80, HP10]. Pedigree
[XLXJ09]. Pedigrees
[BCC+09]. Peeling
[CK97+]. Per-Packet
[AFHB00]. Perceptron
[CBCG05, DSS08, Ser02]. Perfect
[AFB94, ABT21, BMS86, BBD+86, BN00, CR95, CFSZ02, DDY08, DKM+94, FBL03, GKK13, HR73, KW97, KM08].
Kle74, Mic04, PPSS04, RSZ02].

**Perfect-Information** [BN00]. Perfectly [KLN15]. Perfectness [HW04].

**Performance**

[AS05b, AZ98, BC00, CHT80, CH82a, EW03, Fra91, GS17a, GSS04, HT84b, JDU+74, Koc92, LP83a, Mao93, Tur86, Yao85b].

**Performing** [CSW98, DHW98].

**perimeter** [KMR88b].

**Periodic** [HW95, SSY82, YI83].

**Periodically** [MHSR98].

**Periodicity** [AB98].

**Permanent** [AG94b, BˇSVV08, IST12, KKL+93, MR12].

**Permutation** [BFP89, KKM84, KMMS06, RLDL96, Spi85, vzG91, HLS79, MC87, Ron82].

**Permutations** [AB94, CSW98, KST99a, RKS12, Vio20, LR88b].

**Permuter** [Ram84, Car79].

**Permuting** [FMP95].

**Persistent** [BNMSS98, KOT00].

**Perspective** [KPS94, Wil00].

**Persuasively** [DSS90].

**Perturbation** [BL16].

**Petal** [AN19].

**Petri** [Lie76, May84].

**Pez** [GKR05].

**Phase** [HN02].

**Phenomena** [HTC13].

**Phrase** [KS00].

**Phylogenetic**

[CJL03, JNS06, JLLJ12, LSS13, SY12].

**Phylogenies** [KW97].

**Physical**

[CB81, Fed87, GB82, HJ85, HY88, HL96, Kao93, KS93, MNS85, MY91, Mye85, Pre79, Pre81, Rei83, RLYW97, Sch94, Sha85, Shi80, Sys81].

**Planarity** [BDMT98, CM13a, DT96, GT01, JS82].

**Plane**

[AOS06, AdBES14, ABSD+98, BGGS20, BP00, CKT00, FHH+93, FHS96, He99, HM95, HS99, IST12, MBCV98, O’R86, ACM85b, LD81].

**Planes** [BEGJ00].

**Planning**

[AS90, AS97, BDL00, DFK+19, FG92, FHS96, HS90, Pel96, RW00, YS93, HW86, KRR94].

**Plans** [AGM13].

**Planted** [BH+19, FPV18].

**Player** [Meh18, Vid16, Vid20].

**Playing** [KKL09].

**Plottable** [Bra08].

**Plural** [WM97].

**Plus** [BGSW19, HLV18].

**Point**

[AMMW07, CP09, CN18, CJ92, CPT96, Cha88, DHR20, EGS86, EKL10, FW98, Fil19, GPST92, GT98, HOS00, KS96b, Kap00, KRS10b, LP87, Pel96, Pre81, PT92, Rei99, TV91, VVY07, PT89].

**Pointed** [BEW80b, BKPS06, MD73].

**Pointing** [BFKV11].

**Points**

[ADBS19, AHPY13, ASU75, CEG+94, Dye91, EY10, GKL13, GKS93, JB90, KKN15, KMS11, LM08b, MS91, OL74, Sny92, SOAD09, vKLM10, vzGSS03, Pre79].

**Policies** [CRK72, FKT17, Gam03, Yan82].

**Poly** [LMR90].

**Poly-Log** [LMR90].

**Pólya** [BF91].

**Polygon**

[ABL+02, CW98, HIKK01, KMS11, KM00, Kei85, MS91, Ram94, Wil82, TV88b, VV88a].

**Polygonal** [Mit99, SY92].

**Polygons**

[BDIG85, GKH1, IST12, IS90, ES88].

**Polyhedra**

[AS96, AST97, BD92, BDD+07, Cha92b, Dye91, KRS10a, Sha87, Cha84].

**Polyhedral**
Polyhedron

Polylog

Polylogarithmic

Polymatroidal

Polymorphic

Polynomial

Polynomial-Expansion

Polynomial-Space

Polynomial-Time

Polyphase

Polynomials

Potential

Potts

Power

Power-Down

Powerdomain

Powerful

powering

Powerless

Powers

PP

Precedence

[AdBS19, AS96, SS86a, YR80, MD73].

Polyhedron [AS97, DF88, Mon90, VA00].

Polylog [SS86, BR98].

Polylogarithmic [Baz09, FK20, GH17, SS17].

Polymatroidal [CKR15].

Polymorphic [Dob89].

Polynomial [AFB94, ADG11, AEZ20, BL04, BRS07, BS15, BGGS20, BG92a, BP93a, BG95a, BH91, Boo72a, Boo79, BHIK97, BS89, BCC13, CKM14, CW04, CK96a, CM01, CS07, Chi76, CMST85, CPPW12, DvM06, DPV15, DHR97, DS07, Ebl89, EJS07, EJ95, GH92, GLT80, GLLON18, GJ13, GJ14, Gop08, GKS09, GJ19, HJLS89, Had75, HPQ17, HL04a, HNOS96, HH98, Iba74, IKS10, IKS19, Jai07, JKL05, JR20, JS93, Kal85b, Kam05, KB79, Kar99a, KM07b, KU11, KPV14, KS94, Kl97, KvM02, KUR98, Lad89, LR88a, LS95, LS02, LT91, MVW04, MZ13, Mit99, MP03, MRR15, NP06, NSS00, NS93, NW06, Ogi95, OW91].

Polynomial-Expansion [HPQ17].

Polynomial-Space [Iba74].

Polynomial-Time [AFB94, BL04, BHIK97, CKM14, CW04, DvM06, EJS05, FBL03, GJ13, GJ19, JS93, KMM12, KMM15, Loo83, Pla80, PA79, PA80, Pert90, Sim97a, TZ17].

Polynomially [Boo78, Leu98, Rao09, ORS86].

Polynomials [ASU75, BCGW93, BSK12, BCR16, BV10, BC76, BK90, BM02, Cus98, Duv91, EKR01, Fri90b, Gan95, GKS10, Gro03, HSS13, HS75, IQ19, Kal93, KW93, KR06, Lan85, Lip78, Man95, PR17, PS73, RS85, RB91, RS96, She20, Str74, Win80, vzG91, DL80, Hya79, KMS83, Lan91, Len87, Loo83, Pla80, PA79, PA80, Ren89, SS86b, VBSR83].

Polynomially [AS97, DF88, Mou90, VA00].

Polylog [SS86, BR98].

Polylogarithmic [Baz09, FK20, GH17, SS17].

Polymatroidal [CKR15].

Polymorphic [Dob89].

Polynomial [AFB94, ADG11, AEZ20, BL04, BRS07, BS15, BGGS20, BG92a, BP93a, BG95a, BH91, Boo72a, Boo79, BHIK97, BS89, BCC13, CKM14, CW04, CK96a, CM01, CS07, Chi76, CMST85, CPPW12, DvM06, DPV15, DHR97, DS07, Ebl89, EJS07, EJ95, GH92, GLT80, GLLON18, GJ13, GJ14, Gop08, GKS09, GJ19, HJLS89, Had75, HPQ17, HL04a, HNOS96, HH98, Iba74, IKS10, IKS19, Jai07, JKL05, JR20, JS93, Kal85b, Kam05, KB79, Kar99a, KM07b, KU11, KPV14, KS94, Kl97, KvM02, KUR98, Lad89, LR88a, LS95, LS02, LT91, MVW04, MZ13, Mit99, MP03, MRR15, NP06, NSS00, NS93, NW06, Ogi95, OW91].

Polynomial-Expansion [HPQ17].

Polynomial-Space [Iba74].

Polynomial-Time [AFB94, BL04, BHIK97, CKM14, CW04, DvM06, EJS05, FBL03, GJ13, GJ19, JS93, KMM12, KMM15, Loo83, Pla80, PA79, PA80, Pert90, Sim97a, TZ17].

Polynomially [Boo78, Leu98, Rao09, ORS86].

Polynomials [ASU75, BCGW93, BSK12, BCR16, BV10, BC76, BK90, BM02, Cus98, Duv91, EKR01, Fri90b, Gan95, GKS10, Gro03, HSS13, HS75, IQ19, Kal93, KW93, KR06, Lan85, Lip78, Man95, PR17, PS73, RS85, RB91, RS96, She20, Str74, Win80, vzG91, DL80, Hya79, KMS83, Lan91, Len87, Loo83, Pla80, PA79, PA80, Ren89, SS86b, VBSR83].

Polyphase [Zav77].

Polytope [AAOS97, AdFM18, DHR20, KLR19].

Polytopes [BCMW17, GJW18, Ver09].

Popular [AWY18, AIKM07, LMS98b].

Popularity [Kav14].

Poset [Fri93].

Posets [DKM14].

Position [BCF14, CGMO14, MR80].

Position-Based [BCF14, CGMO14].

Positioning [CDK20].

Positive [AK09, BBR04, BKN09, BHIK97, CKM14, CW04, DHR20, KLR19].

Possible [Heh77].

Postman [Jac90].

Postnikov [CKM14].

Postorder [Luc90].

Potatoes [CCK17].

Potential [AM04, EKLS16].

Potts [GSVY16].

Power [ABK16, AS16, AIS08, Aur87, Bar84, BW05, BG81b, BN10, BCH12, BGKS12, BGW20, BT80b, CC97, CCH98, CI98, Cas99, CEGM16, CEEP16, CHPW98, CG97, DW82, DD13, EOW14, GS17b, GGG16, HH11, HHMW17, IJS91, KAM93, KZ15, KDA00, KS17b, KS19, LS13, LL92, LS90, MAA97, MGHH99, MSGM16, Mer01, MRRS07, MRT108, Per74, Pr75b, RS80b, She18c, Sim97a, TZ17].

Power-Down [AlS08].

Powerdomain [Pl076].

Powerful [CLL08, LC05].

powering [PA79, PA80].

Powerless [Val86].

Powers [Fat74, HS75, Pip80, VzG87].

PP [Tod91].

PPAD [Meh18].

PPAD-hard [Meh18].

PPSZ [Her14].

Practical [CS30b, Gol08].

Practice [HP00a].

PRAM [GMR98, KN99, vsGS00].

PRAMs [DS00, HS02, HB94, KUt91, Nis91].

Precedence [Ado77, GL95, HL05b, LS97, LMP15, MSS04, PT87b, QSMS, SU05,
Precise [Nor89, Pri79]. Precisely [CLX17].

Precision [CKS17, SCY00, BS86].

Precision-Sensitive [SCY00].

Preconditioning [Zel88].

Predicates [Nor89, Pri79]. Predicting [Che92, Nos82].

Prediction [Gol78, HKSS17, KV98].

Predictors [Tai80].

Preemption [BNCK+99, BH75, CI98].

Preemptions [BS03].

Preemptive [Che93, DGBL00, FG92, LS84, Sch04b].

Preface [CP76, Gal88, Lew72].

Prefetching [HSV05, KK00, KV98].

Prefix [BJK+94, BP00, GY96, KLP96, Rei72, CW83].

prefix [CM89]. Preprocessing [AST99, FH11, KPV14, vKLM10, Ryt80].

Presburger [Che76, IL81].

Presence [BPWY99, BE17, DPVR12, DHW98, GR15, KL93].

present [Ott86].

Preservation [ADG08, Ben77, Dur10].

-preserving [BH81a, Bol76, CvdM00, DPPR20, LL78, PP95, Ros75b].

Price [ADG+11, ADK+08, AAE13, BBM14, CGGS19].

Pricing [BK11, CHK13, CGV11, DFKL20, GR16].

Primal [ANFSW20, Ezr16, GKP08, JVO8, KRTV18, KR05, RV98].

Primal-Dual [ANFSW20, GKP08, KR05, RV98].

Primality [Leh82, S77b, S78, AL82].

Prime [ISS13, KY09, Pra75a, Sho97].

Primitive [BN99a, RC79].

Primitives [CK17, HZ77].

Principal [BOBP+04].

Printable [Rub91].

Printable [FGLM98, AR88].

Priior [SS95].

Prioritized [EFN18].

Priority [ABD+07, AB94, CGS99, GR05, McC85, THo00].

Privacy [BBR88, BUV18, CRS14, DLWZ14, GRS12, JR13, NTZ16, U116].

Private [BCNW09, BN14, CGGK95, EGOS07, FX15, GR02, GR05, HHR+16, KMK000, WY07].

Privately [GHRU13, KLN+11].

Prize [ABHK11, AABV98].

Prize-Collecting [ABHK11, AABV98].

Probabilistic [BS93, BK07, BD86, CF86, CHPW98, DS90, FM97, FKS93, FS07b, Gil77, Gol98, LSH05, LN06, LSV07, Mac98, Mac99, Mit85, Rab80, Rei85, SFP84a, Tze92, AL88, CG88, CL89, HS85b, MRS88, Pap81, Rei84].

Probabilities [ESY17, GHK96, Jac72, LW86].

Probability [BG81a, CRS15, NN93, PB83a, Tho18, UY91, HT82a].

Problems [ES88, PPR09, TZ12].

Problem [AA18, AKK+09, AT77, AFB94, ACK+99, AT00, AOT89, AB98, AAA+09, AZ07, AGL99, AIGT94, ALW08, ACM+99, ABH98, ACBSF02, Bak86, BBGR08, BHI+13, BYGNR98, BHK+19, BKG16, BKH00, BB95, BGK12, BK+10, BNS18, BvMR+00, BKS15, BA10, yCLZ00, CKR04, CL77, Cha89, CJH18, CT99, CK05, CKS13, CC99, CLWZ04, CHP08, CL19, CLL19, CHe05, CHe12, CHe17, CGK07, CS03a, mCL04, CDDS89, CFW93b, CFCH+00, CDH13, CGGR16, CPPW12, Dav86, DFHS08, DH92, Dye86, DR13, EK06, EG07, ENZ00, FL12, FMS02, FR06, FZ18, FMRT96, Fre93, Fre76, FKR95, GM91a, GS17a, GGG18, GJT76, Gaz91a, GLT80, Gol95, GRSS98, GM18, GKS08, Gra90b, GR16, GMM09, GMR97, GS07, HRT03, Hal02, HL04a, HL05a, HW02, HL87, HIKK01, ISK+12, Jan10, JR20, Joll88, Kar99a].
problems [Lub86, MT84, May84, MNA88, Mye85, Pap81, RLWW97, RSL77, SCH92, SRP83, VV89, Vei85, VR89, AW97].

Problems [ANIM96, AGvM +18, AALM90, AHP08, AK03, AGK +04, Asa87, BRS08, BCS00, BˇSVV08, BD93, BG93a, BJKP05, BKRS00, BˇK11, BGK +08, CLX11, CM99, CM13b, Cha98a, CRS95, CG05, CEG +93, CK04a, CS18, CVY19, Che97, CCH +16, CN06, CO82, CM16, DGV05, DSV13, DFG13, DY10, DL76, DFVW99, Dun73, DHHM06, DS00, EG95, EvS05, Eri99, ET76, EIS76, FT88, FH06, FPV18, FG04, FGLS14, FHK78, FS00, FSS13, GT89, GH92, GKO7, Gár95, GKL2a, GHSZ08, GW95, GPST92, GK12b, Gra94, GS02, GS17b, GLV13, GPRS11, HS85a, Har09, HU75, HLCW91, Hon82, HJW84, HMRS98, HR03, Iba73, IJ94, IK50, IS90, JKP20, JR93, JR94].

Problems [JL95b, KST99b, KS96b, KA179, KPR +13, KH83, KKL04, Kon77, KD79, Ladb9, Lev86, LW18, Loh06, LMS18, Lut95, LZ00, MS10, MYZ06, MHSR98, Mar99, MNS10, Mar08, MT78, MTZC81, MT83, MS92, MV13, Mit09, MS97, Mol03, MS07b, MR07b, MS01, PT09, QS06, RR04, Reg04, RS92, Sah74, SY91, Sel96, Set75, SS94, SH96, Sub94, The02, Val75, Val79, Vég16, Vin04, Von13, WLO8, Wei80, WWW87, YLW95, Yan81a, Yan81b, YYY12, Zin98, Zuc96, vDH106, vzG84, AK88, BS83, BCD +89a, BCD +89b, CSY87, FJ81, FS89, Fri87b, FK89, GKY89, Gus87b, HITK79, Hoc82, Hol81b, Hsu95, Hu86b, IAB6, KS96a, KP82, Lag85, LW88a, Lub81, Lue81, MC87, Meg83a, MS84, Pla78, RS94a, Ros82b, RY87, SJ81, SS81, Sha85, SH85, SS89b].

problem [Lub86, MT84, May84, MNA88, Mye85, Pap81, RLWW97, RSL77, SCH92, SRP83, VV89, Vei85, VR89, AW97].

Problems [ANIM96, AGvM +18, AALM90, AHP08, AK03, AGK +04, Asa87, BRS08, BCS00, BˇSVV08, BD93, BG93a, BJKP05, BKRS00, BˇK11, BGK +08, CLX11, CM99, CM13b, Cha98a, CRS95, CG05, CEG +93, CK04a, CS18, CVY19, Che97, CCH +16, CN06, CO82, CM16, DGV05, DSv13, DFG13, DY10, DL76, DFVW99, Dun73, DHHM06, DS00, EG95, EvS05, Eri99, ET76, EIS76, FT88, FH06, FPV18, FG04, FGLS14, FHK78, FS00, FSS13, GT89, GH92, GKO7, Gár95, GKL2a, GHSZ08, GW95, GPST92, GK12b, Gra94, GS02, GS17b, GLV13, GPRS11, HS85a, Har09, HU75, HLCW91, Hon82, HJW84, HMRS98, HR03, Iba73, IJ94, IK50, IS90, JKP20, JR93, JR94].

Problems [JL95b, KST99b, KS96b, KA179, KPR +13, KH83, KKL04, Kon77, KD79, Ladb9, Lev86, LW18, Loh06, LMS18, Lut95, LZ00, MS10, MYZ06, MHSR98, Mar99, MNS10, Mar08, MT78, MTZC81, MT83, MS92, MV13, Mit09, MS97, Mol03, MS07b, MR07b, MS01, PT09, QS06, RR04, Reg04, RS92, Sah74, SY91, Sel96, Set75, SS94, SH96, Sub94, The02, Val75, Val79, Vég16, Vin04, Von13, WLO8, Wei80, WWW87, YLW95, Yan81a, Yan81b, YYY12, Zin98, Zuc96, vDH106, vzG84, AK88, BS83, BCD +89a, BCD +89b, CSY87, FJ81, FS89, Fri87b, FK89, GKY89, Gus87b, HITK79, Hoc82, Hol81b, Hsu95, Hu86b, IAB6, KS96a, KP82, Lag85, LW88a, Lub81, Lue81, MC87, Meg83a, MS84, Pla78, RS94a, Ros82b, RY87, SJ81, SS81, Sha85, SH85, SS89b].

problem [Lub86, MT84, May84, MNA88, Mye85, Pap81, RLWW97, RSL77, SCH92, SRP83, VV89, Vei85, VR89, AW97].

Problems [ANIM96, AGvM +18, AALM90, AHP08, AK03, AGK +04, Asa87, BRS08, BCS00, BˇSVV08, BD93, BG93a, BJKP05, BKRS00, BˇK11, BGK +08, CLX11, CM99, CM13b, Cha98a, CRS95, CG05, CEG +93, CK04a, CS18, CVY19, Che97, CCH +16, CN06, CO82, CM16, DGV05, DSv13, DFG13, DY10, DL76, DFVW99, Dun73, DHHM06, DS00, EG95, EvS05, Eri99, ET76, EIS76, FT88, FH06, FPV18, FG04, FGLS14, FHK78, FS00, FSS13, GT89, GH92, GKO7, Gár95, GKL2a, GHSZ08, GW95, GPST92, GK12b, Gra94, GS02, GS17b, GLV13, GPRS11, HS85a, Har09, HU75, HLCW91, Hon82, HJW84, HMRS98, HR03, Iba73, IJ94, IK50, IS90, JKP20, JR93, JR94].

Problems [JL95b, KST99b, KS96b, KA179, KPR +13, KH83, KKL04, Kon77, KD79, Ladb9, Lev86, LW18, Loh06, LMS18, Lut95, LZ00, MS10, MYZ06, MHSR98, Mar99, MNS10, Mar08, MT78, MTZC81, MT83, MS92, MV13, Mit09, MS97, Mol03, MS07b, MR07b, MS01, PT09, QS06, RR04, Reg04, RS92, Sah74, SY91, Sel96, Set75, SS94, SH96, Sub94, The02, Val75, Val79, Vég16, Vin04, Von13, WLO8, Wei80, WWW87, YLW95, Yan81a, Yan81b, YYY12, Zin98, Zuc96, vDH106, vzG84, AK88, BS83, BCD +89a, BCD +89b, CSY87, FJ81, FS89, Fri87b, FK89, GKY89, Gus87b, HITK79, Hoc82, Hol81b, Hsu95, Hu86b, IAB6, KS96a, KP82, Lag85, LW88a, Lub81, Lue81, MC87, Meg83a, MS84, Pla78, RS94a, Ros82b, RY87, SJ81, SS81, Sha85, SH85, SS89b].
SPH84a, Sri99, SOAD09, Car84, CI83, Dye84, HS85b, HR86, IL82a, PS81.

Projection [Rao11]. Projections [vzGS98].

Projective [FSS20, Ye90]. Promise [BGWZ20].

Proofs [FSS20, Ye90].

Proof [ACG+16, ABSRW04, BLPW90, BDP02, BJSW20, Col00, DR06, DT97, Ger76, GK96, Go98, GS12, HS85b, HR86, IL82a, PS81].

Proof [vzGS98].

Promise [BGWZ20].

Proof [ACG+16, ABSRW04, App13, BV10, BRRY14, BCG20, GKL93, GMRZ13, HILL99, HRV13, Lu93, MW89, NRR02, RT88, Vio07, Zuc19, BM84, LR88b].

Pseudorandomness [GKM18].

Pseudotriangulations [BKPS02].

PSPACE [HP10, MHSR98, Mei13].

PSPACE-Completeness [HP10].

PSPACE-Hard [MHSR98], PTAS [CH18, CK13, GR84, GR85, D88].

Public [BBR88, CS03, GS88, PTW11, SZ00].


Puiseux-Series [Mur90].

Pushdown [BGS72, CC83, LLS84, Ram84, Rei72, Car79, RH78].

Putnam [BKPS02]. Puzzles [LPS20, Maz76]. Pyramid [MS87b].

Q [SJ95]. Q-Heaps [SJ95]. QMA [BKPS05, GKL96]. QMA-Complete [GS89]. QoP [KLM14]. Quadratic [ET93, NS09, Sag83, TW14, Lie87, Lie89, PST88].

Quadtrees [CH03, LM12, DL90]. Quality [BP10, CD03, E12, MV00].

Quantified [BC10, Che08, CD16].

Quantitative [BLS84, FKK11].

Quantum [Aar06, AD14, A18, Aar20, ADH97, AvDK+07, ATS07, ABO08, AE15, ACG+16, Amb07, ACR+10, Amb16, AL10, ABP19, BYJK08, BBD+97, BOHP14, BBBV97, BV97, BJKP05, BNT+19, BGK+18, BP02, BJK99, BDH+05, BFNP08, BCF+14, CK17, CK12, CKS17, DFSS08, DPVR12, Dru15, DS02, DHMM06, FIM+14, GKRdW09, GKK+09, GN16, HRTS03, KY10, Kla07a, KSdW07, KLN15, KLN19, Kup05, LM08a, MSS07, MNRS11, MS08a,}
MN01, MRRS07, MRŠ10, Reg04, RT10, Rei14, RV01, SG04, Shu12, SŽ80, Sho97, Sim97a, TS11, Val02, Vaz97, Wat09, Zha09, dW03, vDH06, vDMMS07, vTO4]. **Quartet** [SY12]. **Quasi** [ACOH+10, BS00, BY98, Fre78, IM20, JR20, MW20, MRR15]. **Quasi-Convex** [BY98]. **Quasi-Gray** [Fre78]. **Quasi-Polynomial** [JR20, MRR15]. **Quasi-polytime** [MW20]. **Quasi-Randomness** [ACOH+10]. **Quasi-Uniform** [IM20]. **Quasi-Varieties** [BS00]. **Quasilinear** [Fu95]. **Quasirandom** [FGS12]. **Quaternion** [KV10, KV12]. **Qubit** [KMP+20]. **Queries** [AAK+06, AAK+12, AWZ00, ABOK20, AdFM18, BLR14, BL00, BV96, BN10, CvdM00, Cha92a, CGL97, CKT00, CH03a, CH05, CK12, DW82, DH13, DHHM06, Efr12, GPW20, Gop08, GHRU13, HH98, HY20, IKW12, LM08a, MRR18, Pag01, Rei14, She12, Wag90, dW03]. **Query-Answering** [Cha86]. **Query-Efficient** [Gop08]. **Query-to-Communication** [CFK+21, GPW20]. **Querying** [CNWV10]. **Question** [BGS75]. **questions** [Wey79]. **Queue** [ABD+07, BFG+19, Br078, DFP13, GMR98, HPT99, H99b, LLV92, PS91, PR06]. **Queue-Read** [GMR98]. **Queue-Write** [GMR98]. **Queued** [HSV05]. **Queuing** [BGL04, Gam03, Lav73, L975, M887, CRS87]. **Queues** [AB94, BST95, CGS99, HR92, MS99, Tho00, HR97]. **Queuing** [ABS04, Kon75, KR78, LPSR04]. **Quick** [Tho05]. **Quickest** [FSO7a]. **Quickselect** [MR01a]. **Quicksort** [HN02, MR01a, Sed77]. **Quiescent** [ACT00]. **Quittable** [GHKT12]. **Quorum** [MRW00, NW98]. **Quotas** [RRW01]. **Rabbit** [HPK14]. **Rabin** [ACGS88]. **Radicals** [Lan92]. **Radii** [GGK+12, GHHK91, VVYZ07]. **Radio** [BYI93, CCG07, CD18, De 10, KP04, KM98]. **Radius** [Mic04]. **Radon** [Bra98]. **RAM** [BCG+18, KR88, Mor06, Tho00]. **Ramanujan** [BSS12, BATS11, MSS18]. **Random** [AM06, ART09, AB09, ABS07, ABK+06, AK97a, ACRT99, App13, AL18, BE80, Bac88, BKM19, BGO1, BLR+15, BBS86b, Boo94, BMS13, BSVU98, Bro79, BLTV99, Cha0a, CM13b, CVG13, CH03a, CH06, CO10, COF14, CSL97, DF18, DR95c, DR95b, Dev99, Dev02, DN04, DMR09, DKR96, Fe06, FF93, FPV18, FS97, Fri90b, FGK05, FMM11, FGRV14, GM01, GS17a, GW17, GKO, GKP04, GGN10, GM09, GH+11, HTC13, JS05, KL15, KRTV18, KHNS05, KS13, K7518, LL92, Mac97, Mer01, Mol03, MS07b, MS04, NS93, PY91, RT89c, Rho90, RT93, Ros14, SV08, Sch87, Sch90, Sie04, Sot13, SZ99, SZ76, Tam98, Ver09, Wal79, Wei80, Wsr87, CDR86, DL90, Fr97, Fus88, GGG6, HCS8, IP87, KLP98, Lue81, M882, RT98d]. **random** [RT89e, SV84, VV99, Yao79]. **Random-Access** [DKR96, IP87]. **Random-Assignment** [Sot13]. **Random-Order** [GM09, KRTV18]. **Random-Self-Reducibility** [FF93]. **Random-Walk** [FMM11]. **Randomization** [AT98, AH08, CJST07, DD13, MMS17]. **Randomized** [Alb98, ANIM96, AW96, ACH10, BBN12, BK15, BCG+18, BKRS00, C98, CR10, CKP19, CKL+09, CH95, Che97, CH+16, Cla88, CCG+97, Dv806, Doe04, Dot10, DR14, Gaz91b, GKK93, GRSS98, HHR11, Kar99a, Kur87, KMRZ98, LM88a, LMSPR01, Mac97, Man95, MRS18, NSV94, PS97, PR02, ...
Randomizing [BG93a]. Randomly [AH11, GJ99].

Randomness [ACOH+10, BIW06, BEG17, BT00, CRS95, CK00, DHN02, DSY10, GR05, GS06, KS01, MS17, NS93, PU90, RSW06, SU09, Wan98, CG98, Huỳ6b]. Randomness-Optimal [CRS95].

Range [AMS13, AS10a, BCM99, Cha00, FH11, KRSV08, Lar14, Mor06, NS08, PT07, SS11b, Vai89b, Wil85a, YDEP89]. Range-Efficient [PT07].

Rank [Bsh90, DKM06b, HST11, HiO08, Lan14, Meh18, Moi16, RS10b, SS11a, BC87, ERV89, Wil85a]. Rank-Decompositions [HiO08]. Rank-Pairing [HST11].

Ranking [AH89, BN99a, CCWZ18, CV88, FW76, FJ84, GS91, GLW82, Li86, Tro78, Wil76, FJ90b]. Ranks [AL83, PRS97].

Rapid [Cop82, Ros80, Bak78b]. Rapidly [CDG06]. Rate [ABO08, AIKW15, FMS05, HRZ20, LS75]. Rate-based [FMS05].

Rates [BGL04, CK93, FMS05]. Ratio [BD97, BLN01, FKK+08, GW93a, HKK+07, Hum89, Mes10, CCG+97]. Rational [BCGW93, Che89, GKS93, KK77, PW04, RS91c, Str74, WP03, BS86, BCN81, Gal84a, Gal84b, HH79, HH80, Kal85a, Lou83, vzG86].

Ratios [FP78]. Ray [Aga92, AM93, AS96, CPT96, MS97, dBG08]. Rays [IST12, ES88, MD73]. Razor [Nat99].

Reachability [BCR18, CHKZ03, Fin20, RZ08, RZ16, May84]. Reaching [Hie10]. Read [ABK+98, BCG20, BHH95, BC98, DZ97, FW90, GMR98, GKS93, GM91c, Pon98]. Read-Once [ABK+98]. Readables [BK088]. Ready [DD81]. Real [BNGS01, BP98, Bra08, CG97, CK94, EGH07, FR75, HJLS14, HH72, Hoo90, KS95, KDA00, PR05, Ren92, Ris85, BOFKT88, HJLS89]. Real-Time [BNGNS01, HH72, KS95, KDA00]. Real-World [PR05]. Real-Weighted [PR05].

Recognizable [WS78]. Recognize [aBC08]. Recognizing [CFSZ02, FGK05, GKS93, GM91c, Pon98].

Reconfiguring [CMS97, DFK+19]. Recomputing [XLXJ09]. Recourses [MSVW16]. Rectangular [AGMV00, AES10, GLM+16, Tót08, KMR88b].

Rectilinear [CGT00, GT01, GAOPL+21, SS05b, VW85a, YLW95, YS93]. Rectangles [AGMVO0, AES10, GLM+16, KMR88b]. Rectangular [AGMV00, AES10, GLM+16, Tót08, KMR88b]. Rectangular [AGMV00, AES10, GLM+16, Tót08, KMR88b]. Rectangular [AGMV00, AES10, GLM+16, Tót08, KMR88b]. Recurrence [GJMM00, HN02, LR89].

Recurrences [BG93a]. Recursive [BV93, Car84, DS76, KS01, Muc76, Pro81, SP82, Ver97, AM80, HR86, RD81, RS83].

Reducibilities [GH92, Mer02, Yes83].
Reducibility [AHOW92, CSV84, FF93, HU72, HS95, KKKM00, KPR1+3, OW91, Sei78].
Reducible [BK88, Boo94, Fu95, Sel88, Sol76, Sha79].
Reducing [CK00, CKR72, DH92, HW86].
Reduction [AGU72, BKS92, CP19b, EWS05, HT98, KRS12, KS15, Wad78], [KKMO00, KPR1+3, OW91, Sel78].
Reductions [BG93a, BT06, DR14, LZ00, LL78, MR07a, Moi13, Sha79].
Reducts [BMPP19].
Redundancy [CDK20, Pag01].
Redundant [BSGK10, XLXJ09].
Reed [CW07, GGG18].
Reference [FP78, ST72, IKP96].
Refined [GSVY16].
Refinement [CD03, MvV92, PT87a].
Refinements [BEGJ00, KL72].
Refining [KF80].
Reflexive [Vik03].
Regime [BKM19, GLLZ19, HL14].
Region [EHS19, Lar77, SY92, Bol81].
Regions [BH13, CNVW08, CNVW10, CK95, ELRS03, MS92, HWJ85, KM96].
Register [CW94, FP86, RS85a, Set75].
Registers [BOC92, SWPL11].
Regression [CDM16, DDH+09].
Regular [BK19, BN99b, BRRY14, CT99, DK14, EPR81, GW17, GGM12, GGM11, GKK13, Geoe93, GJ13, HY87, HR78, Iwa93, KT15, Lev76, MNS10, MW95, Urd11, Vad01, Var97, aBC08, Bab80, PCHM85, SB85].
Regularity [AFNS09, ACOH10, CR00, FPS16, GGM11, HMK80, RKT03].
Reingold [Car79].
Rejection [Per74, Wil73].
Related [AGvM+18, AALM90, AHP08, BGNV81, BGM12, BC86, BD93, CKS02, CW75, CRS05, CEG+93, CS18, CK13, DSO0, EG95, GSVY16, GPST92, HLCW91, HRO3, MN90, Mt99, MS09, MS01, RS92, Sah74, CSY87, FL83a, LW86, Meg83a, RS94a, Rom82, Yao82, ZS89].
Relating [AHOW92, Bor77, RI89].
Relation [GMWW17, Wad76].
Relational [SU79, AGM13, BMSU81, BFSV04, SU77, ASSU81, HITK79, Hul86, IIK85, Sag83].
Relations [BG84, Dob05, EWS05, FRW88, GRS93, HJLS14, VL00, HJLS89, SW79].
Relationship [CR05, FS07b, MW99a].
Relative [BG81a, BEGJ00, FFK96, Hul86, Wra78].
Relativizations [BGST5, Ba85, BLS84, GG86, SB84, SX83, KUR85, TW89].
Relativized [Ko89, He84, FK80].
Relativizing [BWX82].
Relaxation [BGWZ20, CVZ14].
Relaxations [AM13, ESY20, FK03, Li20, TZ17].
Relaxed [CDG+09, Fill91, GPT00, CS89].
Relaxed-Voronoi [Fill19].
Release [FR94, GJST81, SC79a, Sim83].
Releasing [GHRU13].
Reliability [GJ19, JR94, Kar99a, SS91, Val79, Pr08, SW85, SWP96].
Reliable [ACT00, PY87].
Remainder [BSG95a, BG96].
Remarks [Fab77, McK97].
Rematch [CCWZ18].
Removal [Fill91].
Removals [Sch13].
Remove [KK15].
Removing [EC95].
Renaming [AF01, ACHP19].
Renewal [OC75].
Reordering [EÖW14].
Repacking [BBGR08].
Repeats [Sch98a].
Repetition [Hai13, Rao11, Raz98, Raz11].
Replacement [FRT93, MWV04, MO74, WE80].
Replication [CK04b].
Reporting [AKS14, Cha00, Mor06, SS11b].
Representability [YR92].
Representation [ADS86, DL91, DH96, Esw75, MR01b, Gus88b, HH79, HH80, KUN93, RI89].
Representations [Bür00b, HRTS03, Iba73, KKL11, NN14, NT94, VT94, vzG86, Har80].
representative [IIK85].
Represented [AO95].
Representing [HSS01, BT80c].
Require [BSGK+10, SV10].
Required [BD76, BD78a].
Requirements [CG94, KKK77, Ord89].
Requires [CKPR02].
Resampling [HV20].
Reset [Epp90].
Resettable [CPS16].
Residual
[Kho06]. **Rumor** [CHHKM17]. **Run** [LV06]. **Runs** [BII+17].

**Safe** [BL00, Spr02, Yan82]. **Salesman** [ACK+99, AM01, BGK16, CKT99, FKR95, FS07b, FSS13, PS77, Pap92, SS95, CP84, Fri87b, HT82a, Kar79, RSL77, SRP83]. **Salesman-Based** [AM01]. **Salesmen** [AABV98]. **Salesperson** [ACK+99].

**Sample** [DGR99, FX15]. **Sampler** [KM08]. **Samples** [BFKV11].

**Sampling** [BCM99, CGR18, HMR18, HTC13, Nat99, SY12]. **Sampling-Based** [SS12b, SF11]. **Santa** [Sve12]. **Santha** [BEG17].

**Satisfaction** [BYGNr98, BK16, BP20, BMS13, CRS15, CFGM16, HMR18, HTC13, Nat99, SY12]. **Satisfiability** [BCM99, CGR18, HMR18, HT82a, Kar79, RSL77, SRP83]. **Satisfy** [ABK+98]. **satisfying** [FHK+88]. **Satterthwaite** [FKKN11].

**Scale** [AAZ16]. **Scaled** [Hit04, CC86]. **Scaling** [ABL09, BPS10, GT89, Gol95, Iwa03]. **Scan** [CKT93]. **Scan-first** [CKT93]. **Scanning** [CKR72, CH82a, STU97]. **Scatter** [ACM+99]. **Schedule** [CKP14, HS85b, KK66, LY89]. **Scheduler** [CB74]. **Schedulers** [FMS05]. **Schedules** [CS80, GJ77, LY05, Sve12].

**Scheduling** [ACS2, Alb09, Ann19, BCS08, BP10, BP14, BN80, BNLO, BY86, Bas73, Bas76, Ber76, BJ89, BL98, BS03, BH75, CI98, CL05, CL08, CMN01, Che93, CM01, CH87, CK13, CJST07, CKM95, CGJ78, CGJL85, CV88, DGBL00, Dob84, DW85, DH04, EÖW14, FR94, FL83c, Gab88, GW93a, GG75, GJ75, GJ77, GJST81, GRS05, GL95, HLL95, HM87, HLL05b, HCAL89, IMP14, IKKP19, IM20, Jaf80, JP05, JT10, KS77, KP05, KS95, KDA00, LS77, LS98, Li20, LS97, MSS04, MRT07, MS90, MRSG05, PY79, PT87b, QS06, Rou07, RC03, SLW+98, Sch04b, Set76, SLC91, SL96, SW94, SWW95, SU05, SYY90, Sve11, Ts92, WC92, WL95, Wh90, BD81, BW79, BD86, CC+97, Fri84, Fri87a, HS88, Kun81, LS84, NHL82, SC79a, Sim83, SW93, VV89].

**Schema** [GMN09]. **Schemas** [AM75, Cha76, MNS10, SI87, Wey79].

**Schemata** [CD72, Mil72, Muc76, Hul86]. **Scheme** [AK+06, BGK16, CK05, CM01, CAcdm21, DKKP99, GM12, Hau96, HL04a, Jan10, Kar99a, Kle08, KS00, KR07, Mit99, MRR15, SV12, Val82, WG00, WLB+99, YHC87, GMR88, HS88, HCS80, Mur87, Pro88, Yaa81]. **Schemes** [AK03, BMSU91, BK15, BGS72, CM87b, CVZ14, C4K19, C503b, DDDD11, EJS05, FH11, FKLS10, HW93, JKLS05, KK1P04, Sag88, TA99, AM80, HR86]. **Schnorr** [KHNS05].

**Schrijver** [BP07, FK03, GMP10, PS12]. **Science** [AEM+11, AK07, ANR09, BBS13, BSO14, CR17, DT08, DMK19, HML16, KRS20, LM14, LU10, MV18, Rou15]. **score** [KM96]. **Scoring** [Sch89a]. **Scott** [Wad76].

**SDD** [KMP14]. **SDDM** [DPP20]. **SDPs** [GMPT10]. **Search** [Aar06, AM93, AFB96, AAK90, Ann19, Ara86, AGK+04, BCW09, BG94, BAFN99, BST85, BG93a, Cha86, C4K19, DR95c, DR95b, Dev02, DN04, DMM90, Dye86, DS00, FG98, FN93, FW14, FS86b, FKK+08, FRS19, G4r74, GR93, GMS81, Got81, HPK13, HPK14, HPK15, HV87, HY20, Kao95, KGP03, Kir83, KPS94, KS00, Kn88, KR05, KOR00, LW98b, LSV13, LM94a, LAB10, LST99, MNRS11, MC88, Me6c67, Me79, MM95, NS08, NR73, OPS04, PS77].
Pol95, Pro92, RS94b, SY91, ST94, Tar72, Wil13, Zha09, CKT93, Hah90, IA86, LW86, MR96, PY88, PB83b, TN82, Wil89, Zha95.

Searches [MM93, Smi86]. Searching [AMS13, AM85, AHHP00, AF03, Bei90, CR10, Cha98b, Che92, DL76, FLST86, HS97, Hir80, LMP02, Lar14, McD88, MS76b, RS91b, RV77, SS11b, SSW03, Sni85, SY92, Wil89, Zha09, CKT93, Hag90, IA86, LW86, MR96, PY88, PB83b, TN82, Wil89, Zha95].

Searchlight [SSY90].

Second [CBCG05, LSSV08, TZ12, BSO14, PKS+13]. Second-Order [CBCG05, LSSV08].

Secret [IQ19]. Secretary [DK14, FZ18, Sot13]. Secrets [AARV21]. Section [AEM+11, AK07, AKS09, ANR09, AIM16, BBS13, BSO14, CDG11, CR17, DKI18, DMK19, EvMP+12, Ga98, HIMW16, IKM+12, KRS20, LMOT14, LU10, MS16, MV18, PKS+13, Rou15, SK18, Vaz97, VNA20]. Secure [ABT21, CS03b, HIK+11, IKOS99, IKK+11, KLR10, GMR88]. Security [AFRV19, BCHK07, CLP16, CPS16, HHT97, IJ94, KLR10, MS17, RS10e, Gush8a, MRS88].

Seed [GRS06, TS11]. Seeds [CRS14]. Seek [CKR72]. Segment [mCL04, Mye85].

Selection [CSSS89, DKM+11, FK15, FJS84, GR17, Hya76, Maz76, Pip91, SV08, TB84, Yao80, ALM96, FJ90b, JM96b, Rei85, RD81, RS83, Wil86]. Selectively [TY84, TY85].

Selector [HHN04]. Self [AKK+09, ACG+05, ACC+11, BG9599, CD17, CMS14, DIM97, DHM12, Dot10, EK500, FF03, Fre84, GMS81, HS95, Hen76, KS20, LM08b, MOOY02, Rub91, SW10, Sel88, SW07, Tam98, Var00, vDMM97, TN82, ST86]. Self-Adjusting [KS20, ST86].

Self-Assembled [SW07]. Self-Assembly [AKK+09, ACG+05, CD17, Dot10, SW10]. Self-Embedding [Tam98]. Self-Improving [ACC+11, CMS14]. Self-Organizing [GMS81, Hen76, Fre84, TN82].

Self-P-Printability [Rub91]. Self-Reducibility [HS95]. Self-Reducible [Sel88]. Self-Similar [LM08b]. Self-Stabilization [Var00].

Self-Stabilizing [BGKP99, DM97, DHM12, MOOY02].

Self-Testing [EKS00, vDMM97]. Selfish [BFG+07, CKV10]. Semantic [BRV16, Rut90, Coh83]. Semantics [May81, dB84, BT83a, Don79, FL83b, Hen80].

Semi [Cha03]. Semi-Online [Cha03]. Semialgebraic [AMS13, FPS16, SS11b].

Semidefinite [MR99]. Semidirect [TT01].


Sensitivity [DRST14, DRT92, GR02, GP18, AMS84].

Sensor [CTX10]. Sensors [CP08].

Sentences [Tun91, Gra84]. Separable [CM87b, GMSV15, KM97b, Vég16].

Separated [AOS06, GZ05]. Separates [AA18]. Separating [BW05, Blu94, Boo91, BFvMT00, Leu98, Nor09, She09, RS81].

Separation [BYJK08, BG98, CS99, CKP19, GKK+09, RS81]. Separations [AARV21, GKRdW09, SG04].

Separator [EGIS98, GSV99, LT80].

Separator-Based [EGIS98]. Separators [BT01, FHL08, FW07, KK98, Pla90, Ord89].

Sequences [BNBK+89, CMS80, DLS81, ES81, Epp90, Gel75b, IISI95, Jac72, KW94, Sch16, SSW03, ST94, Tom92, Alb85, BM84, Pro78, Sut91, YI83].

Sequencing [Ado77, DD81, ELMS+12, BD78b].

Sequential [Bea71, GS17a, ILM55, MS90,
BC82, Gur82, TN82]. Sequentiality [EHS12, Oya93], sequentially [BC84]. Serial [BB95], serializability [RS18].

Sequentiality [EHS12, Oya93].

Serializability [RSL84].

Serial [BB95].

Seriation [EH85].

Series [BT80b, CDTT95, Kal93, Mur90, VTL82, EMC85, FLST86, SW85, SWCP96].

Series-Parallel [CDTT95, EMC85, FLST86, SW85, SWCP96].

Server [AHKL07, BP10, BNMS98, BNNSS98, BNFN01, BKRS00, CKV10, Sit14, AKPWR95, HR87, KRR94].

Servers [KM08, CL91].

Service [BP10, BNMSS98, EW12, Gav72a, CRS87].

Session [RW03].

Sessions [AZ04].

Set [AGKS15, AAA+09, AK97b, Aigt94, BCS10, BFK+14, BYGNR98, BGGS20, BHK09, BS93, CCK+20, Ch19, Esw75, ENZ00, Ezr16, FK03, GP51, Gav72b, GM90, GM91, GM82, GKK93, GW18, GGL+13, HL05a, Hir80, HU73, Jor88, KB76, Luc90, MRR90, MRR08, MRRT08, MRR15, RV98, RLDL96, Rub91, SZ00, She16, TTT77, Blu86, CNS82, FT83, GS89, Hoc82, HT82b, JKB6, Kna86, LP83b, Lub86, MN88, Pre79, Rap98, Sha85, WT89].

set-covering [LP83b].

Set-Maxima [GKKS93].

Set-Multilinear [AGKS15].

Set-Partitioning [Joh88].

Sets [AOS06, AMS13, AGKS15, ASSS16, ASU75, AHOW92, ARCT99, BB82, BGG18, BFS06, BH77, BS80, BK88, BJ82, BHT98, BCL75, BC03, Cha92a, CG01, CPY89, Cus98, DY10, DW11, DKKSS13b, DFJ02, EPR81, Es75, FT88, FF93, FW98, FT06, FGLM98, For79, FL94, Fu95, GP506, GPSZ08, GHJY91, HOS00, HH71, HR97, Hit07, HZ20, HL72, Kap00, KRS10b, Kum96, Lev76, Nat01, Ogi95, OW01, Per74, Ric99, Ric02, Rot17, Se88, So76, ST94, TIAS77, VVYZ07, Var97, vMM07, AR88, BORW88, JKS84, KUR85, LLK80, ORS86, Uk83, Yes83].

Setting [ABOK20, Epp03].

Settings [vMP19].

Setup [Che93, FGS85, BD78b, HR87].

Seventh [DKI18, DMK19, FGKO08].

everal

[FS81, RSL77, adH86].

Shadow [Aar20].

Shallow [AES99, ES15].

Shallow-Light [ES15].

Shape [HPW04].

Shaped [HOS92].

Shapes [Dot10, GMRZ13, SW07].

Shared [ACFW98, BGV00, Cahn90, GK97, GMR99, MRS92, Na94, PPS00, SWPL11, BN89, JK86, MM83].

shared-memory [BN89].

Sharing [FKLS10, GPRS11, KLSv08, NR95, GJ86].

Sharp [AM06, Aus10].

Shatter [Ezr16].

Shattering [CLP20].

Shelf [BS83].

Shellsort [Cyp93a].

Sherali [AM13, TZ17].

Shift [RSL86a, vDHI06, Nor89].

Shifted [BGK12].

Shifts [MRRS07].

Shiloach [EiC17].

Shooting [Aga92, AM93, AS96, CPT96, IST12, MS97, dBG08].

Shop [AC82, SW94].

Short [BNS09, BGRV98, CRS14, HT15, MW88, RU98, TS11].

Short-Term [MW88].

Shortcuts [DHP13].

Shorter [BGH+15, BS9+06].

Shortest [AW01, ABL+02, ACIM99, BK10b, Ber16, BH19, BCM+15, CCE13, CL77, Cha10, CKT00, CHW13, CNVW08, CNVW10, CJ14, CPT96, DY10, DHZ00, EN19, Epp98, Fr76, GKL13, Gol95, Gol08, HPS99a, HC99, HKN16, HS97, HS99, HY87, Jac90, J195a, KKP93, MS92, Mon90, PR05, Rod10, RZ12, SCY00, SS86a, Sha87, Sp73, SP75, Swe99, TY97, VA00, WI18, WZ15, Blo83, Fed87, Hor87, MT87, Pro81].

Shortest-Path [CL77, HS97, Blo83].

Shrinkage [Hås98].

Shuffle [Cam03, EL86, Mor86].

Shuffle-Exchange [Cam03, EL86].

SIAM [BX92, BG96, CCG+97, Col93, Coo81, FJ90b, HH80, HN79, Kad91, Lan91, Lon88, RS94a, SWPC96, Vai90].

Side [AdBS10, DPVR12, DLL+03].

Side-Effects [DLL+03].

Sided [AGM+11, AS80a].

Sieve [MR10, PST88].

Sign [GJ14, KMP+20, RS10b].

Sign-Rank [RS10b].

Signature [O’R86, GMR88].

Signatures [CGW16, PP97].

Signed [KST99a].

Signs [GGJT10].

Similar
[LM08b, Lub81]. **Similarities** [ACKS15].  
**Simple** [AFRV19, BCN +20, BBS86b, BM02, BD06, Che76, CW98, Eft16, ELRS03, Fre93, GLPW16, GM98b, Gus93, Gus90, HB75, HU75, HN94, HZ20, HM99, HS90, HL72, ILPR81, JLTX20, JDU +74, KOT00, KKMS11, KM00, LV91, MWY91, MS99, MW95, Mit99, Ned99, PSWvZ17, Rod10, SY91, TY84, TY85, ZS89, CI83, Hul86, IL82a, Lub86, Rap89, TV88b, TV88a].  
**Simpler** [ACG +16, CLNS15, CH02, GK07, Her14, KST99a, Kei85].  
**Simplex** [BNS18, DH20, KMSZ05, Ver09, ZS02].  
**Simplices** [Pel94, Pel96].  
**Simplicity** [Bal85].  
**Simplification** [Lan92, SMSR75, SV88].  
**Simplified** [IJKW10, KTZ13].  
**Simulated** [An99, BL04, CPS16, EWS05, GMR99, Mac98, RV01, SV84, Vit85a, AHMP87, Kav14, KMV91, Kla07b, KvL85, Koc92, KRT17, Lar77, LM99, MR14, MR08, PS91, Pur78, RRSS09, RSY08, RT90, RT9c, Rhe90, Fri86a, Fri87b, HT82b, Kau75, Kau85a, Kau85b, Lon85, Lon88, IPS97].  
**Size-constrained** [Dev12].  
**Size-Depth** [BCE95].  
**Size-Popularity** [Kav14].  
**Size-Sensitive** [Ezr16].  
**Size-Space** [BS09].  
**Size** [AN93, EL08, LS18, SVSe03, MUR87].  
**Sizes** [EGH07, MSS18, RT93, RT89d, RT89e].  
**Skeletons** [AGG +19, OL74].  
**Sketches** [CTX10].  
**Sketching** [AKR18, GLPW16, MNS11].  
**Sliding** [BO10, DGIM02].  
**Slightly** [LMS18].  
**Slope** [CSS89].  
**Slowdown** [GM20].  
**Small** [ACG +16, ABS07, AES10, BFK +14, BPU92, Bie90, BD03, Bod96, BCH97, BDG99, CLS19, Coh95, DY10, GW93b, GH97, Has14a, Hess13, Hit04, HZ20, KW00, KRY96, KW98, Mar99, Mar08, NN93, New02, NTZ16, Pla90, RS10a, Ros18, SBI04, Bol81, KS96a].  
**Small-Bias** [NN93].  
**Small-Depth** [BPU92, CLS19, Has14a].  
**Small-Size** [AES10].  
**Small-Success** [HZZ20].  
**Smaller** [CRSW13].  
**Smallest** [Fre97, GG12, HR93c, RG77, Tre12].  
**Smart** [SLW +98, SLW +98].  
**Smarter** [LH00].  
**Smith** [Ili89a, KB79].  
**Smooth** [KS20].  
**Smoothed** [AV09, BCM +15, DH20, MO12, Ver09].  
**Snapshot** [Hav04].  
**Snapshots** [AR98a, DHPW99].  
**SNP** [FV98].  
**Social** [ACKS15, CG18, FRS +20, MR10].  
**Soft** [KTZ13].  
**Software** [Bak97].  
**Solomon** [CW07, GGG18].  
**Solovay** [AL82].  
**Solution** [BM14, Kon75, LR89, MPR03, Nic88, PR93, SP82, Bin84, CCS82, Fri87b, LW88a].  
**Solutions** [ABL09, BEW80a, Beg +02, FPV18, GKI2b, HNOS96, JP05, KMW75, Kre90, MO12, MS04, Mur90, Nat95, Ren92,
Solvability [CN99, Jay98]. Solvable [AR02, BK16, Vin04]. Solve [AT98, GHKT12, MS92, MRRT08, SY91]. Solvers [LM99]. Solving [BPSV04, Cha89, H˚as88, Hal75, HS85a, JPZ08, KM13, KMP14, LT91, AS80, Ili89b, Ze88]. Some [BC91, BSHr05, Ben77, BS00, Boo91, BG82, BMS13, Cus98, DFWV99, DHHM06, Fab77, FHK78, Hon82, Hu86b, IM83, Iga77, Ikk85, LMS98b, LS98, Lub81, McK79, Mil72, NRI3, Plo88, Rom82, SD88, Sti90, Tr94, WWW87, vDH06, AK88, Fre81, Hol81b, LVW84, MS84, SJ81, SS89b, Fat74]. Sometimes [LL99]. Son [LW86]. Sort [Che01, Col88, DY75, Col93]. Sorted [AHHP00, FJ84, SSW03, BT80c, FJ90b]. Sorters [SS89a]. Sorting [ABK00, BP96, CMSS00, Cyp93a, DDK+11, DY75, ES85, FT88, GKK93, GP83, Goo99, HH81, HS02, JB90, KST99a, LP98, LM99, LSH05, Liu72, MSV06, MS76b, Par77, Pio04, Pip87, Sib98, Tan78, YHC87, YY85, Zav77, adHW87, AA88, AV87, BN89, BC82, RR89, Rei85]. Sound [Mic00]. Soundness [Coo78, Coo81, KLX10]. Source [BCR18, BSRZ15, BDMT98, BKM+17, CCE13, Coh16, KS02, HL96]. Sources [ACRT99, BSJ97, BIW06, BKN90, BEG17, GRS06, KZ07, MN95, Rao09, SZ99, Vio14, CG88]. Space [AGMV00, AHPY13, AKS14, ABSR02, AS97, Bak78a, BGVN18, BBR89, BE98, Ben91, BTY94, BBR+99, BB16, BS09, Ben89, BN20, BL98, BGT16, Boo79, BWW82, BL93, Bor77, BFadH+87, BM99, BV99, CR80, Dw06, DH92, Edn98, Eri00, EWS05, FN99, FLN+15, FH11, FJ90a, GS80, Ge91, GMP98, GLT80, HPK14, HST05, HSS90, Hon82, Iba74, JT00, K˚SdW07, KOR89, Lad89, LS90, LL90, LR96, LP13, Mac98, MOOY02, NW06, Nor99, PP08, Par77, Pel94, Pfa83, SCY00, Tó703, Tó708, Trip08, Vai88, Vai89b, YDEP89, Yao94, vMP19, BC82, BKRU94, CI83, Ge93, IM83, Imm88, Sys81, Tom82]. Space-Bounded [BL93, LL90, vMP19]. Space-Efficient [BGVN18, BL98, FI11, Mac98, BVH99, FJ90a]. Space-Time [Eri00, Vai89b]. Space-Width [BN20]. Spaces [ALN12, BM04a, BCM99, Che09, KM97b, KOR00, NN93, SS89a, Yao82]. Spacious [Nor09]. Span [BW05, Rei14]. Spanner [EP04, FS20]. Spanners [AdBS19, ABP18, BGG+12, BCC+09, BDMIS13, CLNS15, CLPR10, GLN02, KPX10, KMR18, KP98, Coh98]. Spanning [ABN15, AN19, Aga92, CRT05, CT76, CT00, CLL05, CT90, CEF+05, CS09, DRT92, DGGW20, Elik06, EEST08, ES15, EP09, FL12, Fre97, FGRV14, Gab77, GM78, GG12, GKP98, GH97, HKRT95, HL04a, HK01, HLCW91, Hu74, KR95, KRY96, KR02, Kun74, LPSPP05, MNS17, NV94, NSH+08, OL74, PR00, PR02, STU97, SP75, Vai88, WL8+99, EMC85, Fre85, HY88, KS93, KIM81, KZ87, Yao82]. Spanoids [DGGW20]. Spans [Hit04]. Sparse [AHOW92, ABCP98, BBS66a, BG18, BCR16, BK88, CG01, DG93, DFJ02, FT97, FMS02, For79, Fu95, GLP12, GKS90, GKS94, GLN02, HR97, JO92, KW93, KPST94, Kur85, LS85, Man95, Nat95, OW91, PR93, RB91, Sem09, Sol76, SU77, Thu05, Vad01, CTK93, PA79, PA80, Ukk83, Yes83, BHL95]. Sparsest [AMS11, AHK10b]. Sparsification [CX18, DPPR20, EGHS98, FFHP19, KLM+17, LS18, Moi13, SS11c, ST11]. Sparsifiers [BS12, EGK+14]. Sparsity [GOS+11]. Spatial [BG+19, GKV06, GMP05, KPV07, LSH05, PT92, SS90]. Special [AGK+09, AEM+11, AK70, AKS09, ANR09, AYM16, Bab06, BBS13, BSO14, CDG11, CR17, DKE18, DT08, DM19, EvMP+12, FGK008, GS06, Gol98, HIMW16, IKM+12, KRS20, LMOT14, LU10, MS16, MV18, PKS+13, Ron15, SK18, Vaz97, VNA20, Che86]. Specialization [CLD73].
Species [MLZ00]. Specific [BC76, GR17, DL80]. Specification [Pig91].
Specifications
[AFL08, RH93, YR92, BT83a]. Specified
[MHRS98]. Spectra
[Fri91, HN77, KT15, Gra84, HN79, TN82].
Spectral
[AK97a, ABH98, Cha98b, KS08, KLM+17, Kel96, LS18, PSZ17, SB13, ST11, BS92].
Spectrum [KM03]. Speed
[BPS10, CLLO8, DKKP99, FT06, Kos75, MS87a, PP95, RS85b]. Speed-Up
[FT06, PP95, MS87a]. Speeding [AU73].
Speedup [BH98]. Speedy [CLLO8].
Spheres [MS97], spilling [BJR89]. Spira
[CL77]. Spirality [DLV98]. Splay
[CMSS00, Col00]. Splicing [Gat92, Kim97].
Split [BYHN+96, MNA88]. Splitting
[GPSZ08, LY13, San75, vKL10].
Splitting-Off [LY13]. Splittings [BHT98].
Spot [MS17]. Spot-Checking [MS17].
Spreading [CHS12, CHHKM17]. Squad
[CDDS89, DHM12, GK12b]. Square [GJ00, Gia95, HL04b, JV75, KV86, LM12, SRP83],
squarefree [WT79]. Squares
[BHK+99, AB96, CL89]. Squaring [LM12].
Squarish [DJZC00]. squashed [CS89].
SRT [MP05]. ST [CDTT95]. ST-Digraphs
[CDTT95]. Stabbing [Ag92, AAK+12].
Stabbing-Semigrou [AAK+12]. Stability
[ABS04, ADK+08, AKK08, CGGS91, Chv77,
CRS87, DRR07, Gam03, KPR+13, LPSR04, 
Mil75]. Stabilization [BB079, Var00].
Stabilizing
[BGKP99, DMD97, DHM12, MOOY02].
Stable [BFG03, IL86, Kav14, NH90, Par77,
Sub94, Gus87b, Gus88b]. Stack
[HPT99, HP99b, LLS84, MO74, Rei72].
Stackelberg [Rou04]. Stacks [IJ91, Yao81].
Stage [Cam03, CG07b, DGV05]. Stamping
[DS97]. Standard
[AvDK+07, BV14, CLP16, CV83]. Star
[AAOS97, BV93, NSh+08]. Star-Tree
[BV93]. Start [GJ77]. Start-Times [GJ77].
Stash [KMW10]. State [ATS07, BBP00,
CGG01, DS90, EW55, GKRdW09, Iba73,
San75, FG82, GR85, PS81]. State-Splitting
[San75]. Stateful [F17]. Stateless
[AK90]. Statements [Rus77a]. States
[Aaar7, AFB94, CHPW98, Hie10]. Static
[FH11, LL95, Mr01b, Pag01, SV00a].
Statistical [BCH+20, DO04, GHRU13,
HNO+99, IJ94, Gus88a]. Statistically
[HNO+99, HHR15]. Statistics
[DGIM02, GM09, YHC87]. Stealing
[BFG03]. Steiner
[AKR95, ABHK11, BHL18, BD97, CHJ18,
CFHM92, DH92, ES15, FR06, Fil19,
FKLS10, GGK17, HLP17, HKK+77, JPM11,
KKN15, KLSvZ08, MR07b, Nut10, Pro88,
SS05b, Sn92, Tre00]. Step [AACP19, YF83].
Stewart [CS04]. STOC
[AGK+09, AIM16, Bab06, CDG11, DKL18,
EvMP+12, FGK008, IKM+12, MS16,
PKS+13, SK18, VNA20, AKS09].
Stochastic
[AIK19, AKU05, CFW93a, CFW93b,
CFLS97, Dob05, DFKL20, GPRs11, GKR12,
JV75, LS97, PT87b, RU98, San75, SU05,
ST00, SSt12b, CKS85, OH87]. Stochasticity
[LM94b]. Stop [PP97]. Stoquastic [BT10].
Storage [BKK+04, CKS11, CW75, CPW82,
DFSS08, Lav73, Ros75a, Sch80, TS11, BC84,
BW79, CL79, CKS85, LW80]. Store
[SV00a], Store-and-Forward [SV00a].
Stores [BG97]. Storing [Ma79]. Straight
[AU72, IL82b, MRK88]. Straight-Line
[IL82b, MRK88]. Strassen [AL82, Sch81a].
Strategies
[ADK04, ACFW98, AIS08, BKK+10, CHK13,
CLW01, MR01a, Rou04, AG86, OH87].
Strategy [IKL+04]. Strayproof
[KLSvZ08]. Stream [BLN04, CCM+19,
CDK+11, DGIM02, FKM+09, GM09, PT07].
Streaming [CCKM13, GM10, MNM14].
Streams
[FKSV02, GM09, KLM+17, LN19].
Streets [IKL+04]. Strength [Gus91].
Strengths [BBBV97]. Stretch
[AN19, App13, DFK+19, EEST08, EP09, FGG08, MRSL05, NS00, Xia13, Coh98].
Strict [BL04, FKLS10, HH72]. Strictly
[BL04, FKLS10, HH72]. Strictly
[HHW05, RW05]. String
[Abr87, AALM90, BG92b, Col94, CHPZ95, CH97, CH02, CGG+97, FG98, GS80, GP90, GG91, GG92, Ges02, GV05, LMS98a, MS10, MM93, Riv77, T93, AG86, AB96, Bak78b, BG90, FL83b, GO80, Liu81, Ryt80, Yao79]. String-Matching [GS80].
String-Searching [Riv77, Ryt80]. Strings
[ABK06, AHLM07, BGG+19, DORS08, GGM12, GIP20, GMP05, Kao95, KSdW07, MRRS07, MRS08, RRRS09, Raz11, Saf06, She12, BM84]. Stronger [KLN15]. Strongly
[BI18, CFHM20, IKP96, Kao93, KST99b, Vég16, Bab80]. Structural
[BST95, CGH88, GKMP09, JL77].
Structure
[AABK+12, AHS92, AS86, AR02, BH18, BV93, BW99, BDV21, BHT98, Cha92a, CKST99, DV00, Eps79, FV98, FW98, Gan95, GM15, HHL18, LWY20, LKS97, LL78, LSV07, Mac99, MM98, SMSR75, TV99, BT80c, Dub90, Gus88b, Ill89a, Ill89b, RC79, dG83]. Structured [ACBG+17, KZ20]. Structures
[AFG+14, And99, ADG08, BHI18, Bit79, Cgdw13, Ceh12, Dur10, Dggw20, EFN18, Fre97, GRSS98, Hen00, Hos75, J73, KV86, Kmv91, Kch82, KS20, LP13, Lrs01, Pvv98, TV91, Vo12a, Wil85a, Cha88, Fre84, Fre85, Fs89, Fre81]. Structuring
[KMR88a]. Stubborn [CPPW12]. Study
[BK07, FV98, Vad90, Coh83, JS98]. Sub
[CLLS96, MR08]. Sub-Bus [CLLS96].
Sub-Constant [MR08]. Subadditive
[Fei09]. subclasses [Hu86a]. Subcubic
[BGWS19]. Subdeterminant [ESV20].
Subdivision [EGS86, LP77, Pre79, PT89]. Subdivisions [HST05, Kir83, Mit99]. Subexponential [CG07a, Ef12, FV13, Gär95, JPZ08, KVM02, Kup05]. Subexponential-Time [Kup05]. Subgraph [BCR18, CKS02, Cha06, CVV03, CN85, CFHM20, FL12, GG12, Gho06, KSS93, LRR17, CHT93]. Subgraphs
[AFN07, Bar18, CT00, CV14, DLR95, FTV15, GM15, HKRT95, KN05, WW13]. Subgroup
[DISW13, HRTS03, Kup05, MvV92]. Subject
[CCPV11, DP20, LY89]. Sublinear
[ABP18, BBRS98, BCR16, CRT05, CLM05, CEF+05, CS09, ELRS17, ERS20, FG98, GKP98, HPK14, KPS13, KMR87, Tom82]. sublinearity [Sch88]. Sublinearly [EGS05]. Sublogarithmic
[CP09, Gef91, GMP98, LR96, Gef93, RR99]. Submodular
[BH18, BNS15, CCPV11, CG10, CV14, FMV11, FV16, FZ18, FW14, Iwa03, Kiz18, PR99, SF11, Von13]. Submodularity
[MR10, PR03]. Subpolynomial [Gro03]. Subpowers
[IMM+10]. Subquadratic
[AASK14, BI18, CL94]. subregion [Kun93]. subregion-tree [Kun93]. subroutines
[RD81, RS83]. Subsequence
[GG10, HL87]. Subsequences
[JL95a, Fas88]. Subset
[BGNV18, CDK+11, CH03c, DLR95, FTIV15, GM15, HKRT95, KN05, WW13]. Subset-Sum
[GK91a]. Subsets [GAOPL+21, KY09]. Subspace
[BSK12]. Substitutability
[CGV11]. Substring
[MS10, Mar08]. Subtree
[AK97b, CFCH+00, Rey77, VR89]. Subtrees
[Dev02, Rus81]. Success
[HZ20]. Successive
[BCM+15]. Succinct
[BCG+18, FK98, MR01b, Pra75a, Vio12a]. Succinctness
[SS77a, Har80, R189]. Suffice
[AM06]. Suffix
[CH03b, DSR92, Gia95, GV05, KLP96, MM93, Szp93]. Suffix-Prefix-Matching [KLH96]. Sum
[AGK15, BGNV18, BKH+19, Che05, DGG+17, FS92, GM91a, GKK+12, IS90, JT86, Fri86b, FK89]. Sum-of-Digits
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[BMS86, Bj014, CDK+11, Dev02, DLWZ14, Fei06, HF98, HR03, Yao85a, Ron82]. Super
[GHH+17]. Super-Polynomial
[BHK+19]. Super-Logarithmic
[GGH+17]. Super-Concentrators
[Pip77]. Super-Critical
[BN20]. Super-Exponential
[LMS18]. Super-Linear
[BMS86, Bj014, CDK+11, Dev02, DLWZ14, Fei06, HF98, HR03, Yao85a, Ron82]. Super-
[Hit84, KS77, Lav73, LMM99, YH90, CBH84, Coo81, CRS87, Hal75, KMST87, LS84, MM83, SC79a].
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[LMS18]. Super-Linear
[AMB16, BBI16]. Super-Logarithmic
[BH03]. Super-Polynomial
[Gab07]. Super-Polynomial
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[Swe99]. Superstrings
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[RRSS09]. Supported
[AH11]. Suppressed
[EW12]. Sure
[Sch87]. Surface
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[AHPY13, HO02, dVE10]. Survivable
[GKR12, LNS09, LS13]. Swapping
[AGL99]. Swarm
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[PS91]. Switches
[AH08, EW12, KLM+04]. Switching
[BMIM07, FY96, KB76, Ngo05, SBI04, TU81, TS81, Yao78]. Symbolic
[GL80, HS75, HS79, HS79, KS77, Kon75, Lav73, LMM99, YH90, CBH84, Coo81, CRS87, Hal75,
KMST87, LS84, MM83, SC79a]. Systems
[AKK08, BKL03, BPS07, BKR00, BPR00, BEG00, BJSW20, CKM+14, CC07, Cha15, CKS17,
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Lad77, LL95, LL00a, MRW00, MP05, MVW04, MP03, NW98, Nat95, PR93, RS03b, Rus77b,
AM80, AS80, BV84, Bin84, CC82, DMT88, ERV81, FN80, Gab88, GMR89, GI80, HCAL89, Ill89b,
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[Kao97]. Tabulation
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[TZ12]. Taking
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[Gef93, Rub91, TW98, BCH95]. Tampered
[CGL20]. Tangent
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[DG84]. Tarry
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[BKRS00, FM03, Jaf80, JP05, KS77, BD78b]. Tasks
[AR02, BNMS98, CIRR16, CN99, Dob84, GKL95, HL05b, MRT07, PY79, WC92, WL95, GJST81, NL82].
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[AU73, AK97a, CV88, Dye86, GW95, KS03b, Mac97, Ram94, Vis91, ACG89, Bak78b, FN80, Pet83].
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[BDP02, BK11, CMNS01, EGK+14, HR03, KS96b, MS87b, RR04, SJ05, SW76, Ver97]. Telephone
[EK05]. Template
[FMUY83]. Temporal
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[AL10, BC87, GGR11, HRZ20, MS08a, PR97, SZ08].
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Tightening \cite{dVE10}. Tighter \cite{CHPZ95, CH97, Fri84, Fri87a}. Tile \cite{CGR12}. Time \cite{AC82, AT77, AG91, AAKS14, AFB94, AOT89, AM96, AHTL99, AM01, AAT97, ACR10, AO12, AI77, AHK10b, AAR02, BI18, BPS10, BNGNS01, BL04, BEK14, BBR98, BE98, BGK16, BGS15, BGS18, Bea91, BBR99, BBI16, Ben89, BH80, Bie90, Bis78, BH19, Bod96, B0o77, BWX82, Bor77, BFadH87, BHIK97, BKM17, BRS98, BDK00, BG82, BM99, BP81, BFNS15, BGGK08, BPP89, BP93b, BY98, CCK17, CKM14, CS99, CW04, CCK20, CLL08, CCC09, CP09, CL13, CP19a, CRT05, CMNS01, CK05, CM01, CHM06, CRT90, CW98, CFW93a, CV88, CSS89, CH03c, Co74, CTX10, COS99, Cgg97, CGH98, CG01, CEF95, CS09, DF18, DH19, D081, DvM06, DKR96, DRT92, DS97, DGP07, DDS90, D90, DHPW99, ET93, ELRS17, ERS20, Edm98, Elk06, EG90. Time \cite{Eri00, EJS05, ESY17, EHJM00, FB03, FG98, FN99, F07a, FPS13, FR94, Fu95, GM91a, GKP98, GLP75, GLPS12, GKK13, GLL08, G08, GJ13, GK12b, GMY12, GL13, Gra94, GS02, GJ19, HJLS14, Had75, H81, Hvdmv04, HKRT95, HH72, HL04a, HW93, HS09, IKS10, Jai07, JO92, JP05, JKLS05, JTT00, JS93, KW00, KKF93, Kar99a, KU99, KM94a, KT99W99, Ksh97, K1e08, Km02, Ko91, KR07, KS95, KDA00, KP04, KCV92, KM75, Kup05, KUR87, KUR91, LS18, LS02, LL95, LP03, LS09, L120, LP20, LL90, Lu14, L90R, M13, M99, Mor08, MRR15, NN17, NW06, OS07, Ogi95, OW91, Pag01, PP08, PSW90, PU87, PY91, Par77, PR17, PU90, PR00, PR02, PB85, Ra96, Reg96, RT82, RL796, RZ16, Rub91, SS17, Saw01]. Time \cite{Sch13, Sch98b, SLW98, Sch04b, Sei77, Sel78, Sho97, Sie04, ST13, Spi73, SV12, SZ76, Tod91, TO92, Tze92, Vai89b, Val02, Vak98, Wan92, Wan98, Wat14, WRO86, WLB99, Yao94, YY12, dBBKB20, AB96, AS80, Blo83, Bhu86, BORW88, BC82, BG90, BKR04, CHT93, CI83, CMST85, CB81, CDR86, Dye84, ES91, FG82, JG81, G86, G86, GS87, HJLS89, HAG90, Hor87, IM83, Iwa89, KAD88, KAD91, Kal85b, KK86, KF80, KR88, Ko89, KM89, LKL80, LY98, Li98, Meg93a, MM83, MT87, Mye85, RR98, RE83, RY87, SW85, SWCP96, Sch78, Sha97, Sim93, TYS84, TY85, TV88b, TV88a, Ukk83, Wil95b, Yes83]. Time-Adaptive \cite{AAT97}. Time-and-Space \cite{HSS09}. Time-Approximation \cite{Elk06}. Time-Bounded \cite{Ko91, LL90, SZ76}. Time-Complexity \cite{DGP07}. Time-decaying \cite{CTX10}. Time-Indexed \cite{Li20}. Time-Lapse \cite{DHPW99}. Time-Lock \cite{LPS20}. Time-Optimal \cite{DKR96, NN17}. Time-Randomness \cite{PU90}. time-sharing \cite{GJ86}. Timing \cite{GM01, RW03, SLC91}. Timing-Based \cite{GM01}. Tiny \cite{FLS04, FSS20}. TMs \cite{IM83}. Toeplitz \cite{Bin84, BC87, LCC90, Pan00}. Toeplitz-Like \cite{Pan00}. Token \cite{PU90}. Tolerance \cite{AL07, DPPU88, KPS13, LMS98b, MSZ11, Sch87}. Tolerant \cite{AP06, ABO08, BCR18, BCH97, CLPR10, KP05, LM99, MMSA93, YY85, vDMM07, GGL98}. Toll \cite{HN02}. Tomography \cite{Aar20}. Tools \cite{FMU83}. Top \cite{BJK94, KMSV13, KS15, MGHK99, NN17, SS12a, SS05a}. Top-
[NN17]. Top-Bottom [BJK+94].
CKP86, CGG01, CK01, CLY06, CS09, DP94a, DSR92, DR95c, DR95b, Dev98, Dev99, DJZC00, Dev02, DN04, DKM09, Dev12, DRT92, EEST08, ES15, EiC17, EP98, FS86b, FP86, Fre97, FGRV14, Gab77, GM78, GKP98, Gar74, GW77, GH97, GHT76, GT98, Got81, GV05, GLW82, HKK+07, HF98, HLCW91, HR82, Hu74, Ita76, JS05, JMP11, KWY98, Kao98, KLST00, KR95, KRY96, KK85, KPS94, KR02, Kun74, KC94, LW98b, Lar87, LP94, LP95, LM94a, Li86, LSS13, Lou83, MLZ00, Mai79.

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