

A Complete Bibliography of Publications in *SIAM* *Journal on Computing*

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Title word cross-reference

#13843 [Coo81]. **#2759** [HN79]. **#BIS** [GSVY16, JKP20]. **#BIS-Hard** [JKP20]. **#BIS-hardness** [GSVY16]. **#CSP** [CCL16, CLX17, CF22]. **#P** [LSS13]. **#P-Complete** [LSS13].

#BIS [GGJ16]. **#P** [Sto85]. $(1 + \epsilon, \beta)$ [EP04]. $(1 + \epsilon)$ [FFKP18]. $(2 + \epsilon)$ [AGH17]. $(2, 1)$ [Sch16]. $(2n - 1)$ [Cam03]. $(8, 5)$ [Bro99]. (α, β) [Efr05]. $(\Delta + 1)$ [BEK14, CLP20]. $(\leq k)$ [Cha00]. $(\log n)^{2-o(1)}$ [GH98]. $(\mathbf{N}, +)$ [RS07]. $(\text{MOD } p - \text{MOD } m)$ [GT00]. 0 [CKR04, KKMR09, Lip78, MS04, SSSS11, Shi79b]. 1 [BG81a, BP02, CM13a, HHH05, Lip78, McI74, MS04, SSSS11, Shi79b]. 1.5

[BMKM07]. 1.6 [GL87]. 1.998 [Xia13]. $1/2$ [BFG23, KMZ18, BFNS15, DFM23]. $1/2 + \epsilon$ [BFG23]. $1/8$ [Tho18]. 12 [KS17a]. 2 [BHIK97, BGA23, CHKZ03, DH13, Fre97, FG82, GR05, GI92, GLW82, Häs98, Häs14b, HHH05, HJW84, 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]. $2^{(\log n)^{\Omega(1)}}$ [KS17a]. $2 \times n$ [AT77]. 3 [AES99, ASSS16, ABS07, AK97a, AK11, AS97, BHI⁺13, CF86, CPPW12, Efr12, ES22, GI93, GN16, GLW82, GKKS16, Her14, Hwa80, La 00, MPRS79, Pel94, SS12a, Sch13, SCY00]. 3×3 [JM86]. 4 [FLMS15, GB82, Jac90, KMSV13, KS17b]. $4n$ [Zwi91]. 5 [BDD⁺16, HCD89]. 8 [ENZ00].

0 [BT20, RS10b]. $_1$ [GN16]. w [CG01]. A [BG81a]. $A2\frac{1}{2}$ [Swe99]. ABC [yCLZ00]. AC [Wil90]. AC^0 [LRR17, AHM+08, She09, BS92]. α [CW83, Zha95]. b [GS21a, GHT76]. β [CW83, Zha95]. BP [TW89]. c [FJ90a]. $c^k n$ [BDD+16]. \mathcal{NP} [Szk99]. \mathcal{NP}_C [MM98]. D [ASSS16, CH06, DL90, DJZC00]. $D0L$ [JS81]. D_∞ [Wad76]. Δ [BEK14]. $\Delta + \text{poly}(\log \Delta)$ [HMR98]. ℓ_p [DDH+09]. ϵ [AES10, KLX10, RS10a]. f [GS21a, GS21b]. $\frac{3}{2}$ [MRT07]. $G(n, d/n)$ [Eft16]. $GF(2)$ [Lem75, RB91]. $GF(22m)$ [Cus98]. $GF(2^n)$ [Lem75]. $GF(q)$ [MvV92]. $GF(q)[x]$ [Nor89]. H [GKP04, CPPT24, DHV22, GGJ16]. $H_1(\Gamma_h, \mathbf{Z})$ [HO02]. hol^c [Bac21]. j [ABK+98]. K [JM78, KIM81, SW85, Sch04a, GS17a, SWCP96, AM06, ASSS16, ANFSW20, ABK+98, AKPW95, AV09, AGK+04, AABV98, BGNV18, BC22, BD97, BCC+09, CKT99, CC07, Che09, CKT93, CT00, CVV03, CV14, CH06, CL91, CAKM19, CO10, CSY87, CS24, DJZC00, ERS20, Epp98, Eve75, FL12, FSS20, FW98, Fre97, Fri86a, FGK05, FRS19, Fus88, GG12, GLLON18, HTC13, KYN07, KRR94, Kho06, KS91, Ko89, KR07, KN05, LS16, Liu22, Mao93, MR96, MTZC81, MBCV98, Mit99, NN17, NS08, Pio04, Rod10, Ros14, SZ00, SV95, SS90, Sch94, SBI04, Tho05, Tro78, Vai88, WZ21, YY82, Yao82]. kd [AdBS10]. L [HOS92, FGLM98]. L^1 [FKSV02]. L_1 [KR09, LW80, NS07, KN08]. L_∞ [LW80]. L_p [AKOT03, JW21]. λ [DCdP98, NR13]. $\log_d(N, m, p)$ [HHW05]. $\log \log N$ [Wil85b]. $\log n$ [CMSS00]. m [HHH05, Nic88, Pfa83, RS85a, Sut91]. $m + 1$ [HHH05]. \mathbf{F}_p^n [HL14]. \mathbf{R}^3 [AEZ20, KRS10a, The02]. $\mathbf{VP} \neq \mathbf{VNP}$ [BLMW11]. \mathcal{NC} [DR95a, HM87]. \mathcal{NP} [HN10, KM13]. $O(\log \uparrow)$ [CMS18]. $\mathcal{P} = ? \mathcal{NP}$ [BGS75]. $AC^0[\oplus]$ [LSS+21]. LWE [BV14]. NP [Hir23]. $TFNP$ [GHJ+24]. $m \times n \times (mn - 2)$ [AL83]. $m \times n \times (mn - k)$ [Bsh90]. N [Rob84, AM96, SS89a, ACR+10, And99, FW76, Fri86a, Gal84a, Gal84b, Hwa80]. $n - 1$ [LP24]. $n > 3t$ [GM98a]. $N^{1/2+o(1)}$ [ACR+10, KSS20]. $n^2 + o(1)$ [Ull16]. $n^{5/2}$ [HK73]. NC [Wil90, KM97a, VV89]. NC^0 [AIK06]. NP [BH77, Pla78]. $NP - P$ [Kur85]. $N \times N$ [CSS90]. O [Sto79]. $O(1)$ [FN93, GHW10]. $O(1/\epsilon)$ [BI06]. $O(\Delta m)$ [Sch98b]. $O(\text{Distance} + 1/\text{SessionRate})$ [AFHB+00]. $O(E \log E + I)$ [Mye85]. $O(EV \log V)$ [GMG86]. $O(\log^2 k)$ [FL12]. $O(\log k)$ [AR98b, Fil19]. $O(\log \log n)$ [AB96, BG90, LPSP05]. $O(\log n)$ [BGS15, BGS18, Hag90, JM96b, KR88, LW88b]. $O(\log n \log \log n)$ [Tri08]. $O(m)$ [BCKK19]. $O(M \cdot N)$ [Hsu95]. $O(m \log n)$ [CHT93]. $O(mn)$ [HKN16]. $O(N)$ [CSS90, Kun93, CS16]. $O(N + M)$ [RLDL96]. $O(n^2)$ [DF18]. $O(n^2 \log^2 n)$ [Spi73]. $O(n^2 \log n)$ [MT87, SCH92]. $O(n^2 \log n \log^* n)$ [Blo83]. $o(n^3)$ [CHM96]. $O(n^6)$ [Raj96]. $O(n\alpha)$ [KS06]. $O(n \cdot \log n)$ [MT78]. $O(n \log^2(n))$ [Rei83]. $O(n \log^2 h)$ [ES91]. $O(n \log^2 n)$ [AW96, HJ85, MTZC81]. $O(n \log \log n)$ [TV88a, TV88b]. $O(n \log n)$ [AR98a, BY98, CFCH+00, Fri86a, GKK13, WZ21, ALS22]. $O(nm)$ [KS06]. $O(\sqrt{\log n})$ [AHK10b]. $O^*(n^3)$ [CV18]. oAC^0 [BH12]. ω [RY87, Saf06]. $\Omega(D \log(N/D))$ [KM98]. $\Omega(\log n)$ [GR05]. $\Omega(n \log n)$ [FMP82]. $\Omega(\sqrt{\log \log n})$ [GJM98]. $GF(2)$ [AKW90]. $GF(2^n)$ [Sti90]. $\text{Poly}(\log \log N)$ [AM96]. P [Mer01, AR88, Fab77, Lau83, Loo83, MT83]. P^* [BG93b]. $\mathbf{P}^A \neq \mathbf{NP}^A \neq \text{co-}\mathbf{NP}^A$ [BG81a]. P_4 [JO92]. P_6 [CSZ24b, CSZ24a]. ϕ [VCJS22]. $p \rightarrow q$ [BGG+23]. \mathbf{R}^3 [Meg83a]. s [BBS98, BKRU94, KS91, Rei83, TV20]. $S = O(2^{n/4})$ [SS81]. $\text{Sample}(x) = (a * x \leq t)$ [Tho18]. \sqrt{n} [HSSS22]. st [BE98, Edm98, EPA99, Tri08]. t [BBS98, BKRU94, CHJT04, CC07, Coh98, CKP86, KS91, Rei83, Rus78, TV20]. $t + 1$ [GM98a]. $t/(t + 1)$ [DTA94]. $T = O(2^{n/2})$ [SS81]. τ [AGHT24]. $\text{ASPACE}(o(\log \log n))$

[Iwa93]. BPP [Lut93]. *D^{over}* [KS95]. D^P [CM87a]. $LR(k)$ [AU73]. PV_{chunk} [HZ77]. $\tilde{O}(M(|V|))$ [Che97]. $\tilde{O}(n^2)$ [AHK10b]. $\tilde{O}(n^{5/3})$ [GKM⁺21]. V [BR79]. ε [Iba78]. $W[P]$ [AR08]. x [ES88]. $X + Y$ [JM78]. $X_1 + X_2 + \dots + X_m$ [JM78]. Z [MW99b].

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

-Adic [Lau83, Loo83]. -Approximation [BDD⁺16, BFNS15, BFG23, BGA23, ENZ00, LR21, MRT07, NZ01, FL12, Swe99].

-Approximations [NR13]. -Ary [Rus78, Tro78]. -Atomicity [GLLON18].

-Automata [Saf06]. -Block [CMSS00].

-Body [And99]. -Calculus [DCdP98].

-Center [Tho05, WZ21]. -Centre [MT83].

-Chains [FW98]. -Clique [Ros14].

-Cliques [ERS20]. -CNFs [ABS07].

-Colorable [AK97a, KS17a]. -Coloring

[GKP04, BEK14, CLP20]. -Colorings

[BC22, GGJ16]. -Colouring [HCD89].

-Compatible [CPPW12]. -Competitive

[VCJS22, CMS18]. -Complete

[Szk99, GN16, CM87a]. -Complexes

[STP94]. -complexity [TW89]. -Concave

[YS93]. -Conjecture [AGHT24].

-Connected [CT00, ZH05, GB82].

-Connectivity [BE98, Edm98, EPA99,

LW98a, Sch13, Tri08, KS91]. -connectors

[Ngo05]. -Covered [Efr05]. -Cube [FW76].

-d [Kap00, NS08]. -decomposable [FJ90a].

-Diagnosability [CC07]. -Diagnosable

[DTA94]. -Difference [FKSV02].

-Dimensional

[AES99, HJW84, KMW75, Pfa83, Sch04a,

Vai88, DL90, HJW85, LW80, Yao82].

-Discrepancy [AKOT03]. -distributed

[Fus88]. -DNF [SBI04]. -Dominant

[HTC13]. -Edge [GG12, GI92].

-Edge-Connected [GI93, La 00].

-Edge-Connectivity [Fre97]. -Embedding

[FFKP18]. -Extension [CKR04, KKMR09].

-factors [GS21a, GS21b]. -Fit [Mao93].

-Flow [Jac90]. -Free

[BDK00, Iba78, CSZ24b, CSZ24a, CPPT24].

-Hard [CG01, Pla78, GGJ16]. -Hardness

[KM13]. -Hop [CHKZ03]. -hulls [CSY87].

-Levels [Cha00]. -Lower [Pau77].

-machines [RY87]. -matching [GS21a].

-Matchings [GHT76]. -Means [ANFSW20,

AV09, Che09, CAKM19, FSS20, FRS19].

-Median [ANFSW20, AGK⁺04, Che09,

CAKM19, KR07, LS16, Tho05]. -Minor

[DHV22]. -modal [MR96]. -Models

[Wad76]. -Monotonic [BHIK97]. -MST

[MBCV98, Mit99]. -Nearest [CS24]. -Net

[RS10a]. -Nets [AES10]. -Node

[CV14, KN05]. -Opt [BHZ23, CKT99].

-Optimal [BR79]. -Orders [Sch16].

-Oriented [MW99b]. -Partite [BCC⁺09].

-Planarity [CM13a]. -Printable

[FGLM98, AR88]. -Private [GR05]. -probe

[SS90]. -Processor [AM96]. -Query

[DH13, Efr12, IKW12, KSS20]. -Random

[Mer01]. -rational [Gal84a, Gal84b]. -rays

[ES88]. -Resilient [CHJT04]. -Sat [AGH17,

AM06, CO10, FGK05, GS17a, GN16, Her14].

-satisfiability [CF86]. -Satisfy- [ABK⁺98].

-sequences [Sut91]. -Server

[Sit14, AKPW95, KRR94]. -Set [SZ00].

-Shaped [HOS92]. -Solution [Nic88].

-Sorters [SS89a]. -Soundness [KLX10].

-Space [AS97, ES22, Pel94, SCY00].

-Spanner [EP04]. -Spanners

[KP98, Coh98]. -Sparse [JO92]. -Stage

[Çam03]. -Steiner [BD97]. -Subgraph

[Kho06]. -Sum [BGNV18]. -tape [FG82].

-terminal [SW85, SWCP96]. -Time

[CHM96, TV88b, AM96, RLDL96, WZ21,

AB96, CHT93, TV88a]. -Tours [TV20].

-transform [Sut91]. -Trees

[AdBS10, AABV98, MPRS79, RS78].

-Uniform [KS17a]. -versus- [HHH05].

-Vertex [CVV03, FL12, CKT93]. -Way

[BP02, Fab77, KYN07]. -Well-Supported

[DFM23].

0.2ex [BV06].

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

2 [Aus10]. **2-CSP** [Aus10]. **2-Variable** [KKMO07]. **20** [BX92]. **21** [RS94a]. **22** [CCG+97]. **24** [BG96]. **2EXPTIME** [Koz09].

3-Colorability [KLR03]. **3-Dimensional** [KS03a]. **3-Stage** [CG07b]. **3CNF** [BSHR05].

48th [ACHCP21].

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

6 [HN79].

7 [Coo81].

8 [HH80]. **80h** [HH80]. **85c** [FJ90b]. **86d** [Lan91]. **86m** [SWCP96]. **87h** [Lon88]. **88c** [Vai90]. **89m** [Col93].

90a [Kad91]. **92h** [BX92]. **93f** [RS94a]. **94b** [CCG+97]. **95j** [BG96].

= [Mei13].

a.k.a [Sch16]. **ABD** [Bro99]. **Abduction** [CZ06]. **Abelian** [Ili89a, Ili89b, MC87]. **Absolute** [Duv91, Ste97]. **Abstract** [CS05, Gär95, Mer02, FL83b]. **Abstraction** [DGGW20, JM96a]. **AC** [BT20, RS10b]. **Accelerated** [MPR03]. **Accelerating** [BŠVV08]. **Acceleration** [WP03]. **Acceptance** [Saf06, KR88]. **Accepted** [Boo72a]. **Accepting** [Mor82]. **Acceptors** [BNP74, FG82]. **Access** [BAG01, BLR+15, DK15, DKR96, DGLV10, HLR96, LL92,

PY91, SZ76, CDR86, IP87, KvLP88, KMST87, Lon85, Lon88, SV84, Wil86]. **Accesses** [BKPY18]. **accessing** [Wil89]. **Accommodating** [BLN01]. **Account** [Hen76]. **Accounting** [GMR98]. **Accurate** [CK01, LMM99]. **Achieve** [DFL+22]. **Achieving** [BADTS22, GM18, IKK+11]. **Achilles** [Mar99]. **Acknowledgment** [GJKP04]. **Acknowledgment-Based** [GJKP04]. **ACM** [AGK+09, ACHCP21, AIM16, Bab06, CCRZWN22, CDG11, CR17, DK118, DKSS22, EvMP+12, 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** [AAT97, AF01, BNS+21, BN89, CLP16, CL21, CS03b, CG94, DKKP99, FRV10, Gam03, LW98b, LZ00, Mes10, SRR95, GMR88]. **Adaptively** [CPV22]. **Addendum** [BX92, TY85]. **Adding** [CM13a]. **Addition** [DL80, DLS81, FR75, FK90, KK77, Thu99]. **Additional** [Mer01]. **Additions** [BC76, Kal95]. **Additive** [ABP18, ADL18, BKN10, GK98b, LS13, NPSW23, Pro76, Ris85]. **Addressable** [MO74]. **Addressing** [Hos75, Yao78]. **Adiabatic** [AvDK+07, ATS07]. **Adic** [Lau83, Loo83]. **adjacency** [ACM84b]. **Adjoining** [PSW90, Raj96]. **Adjunct** [Lev76]. **Adjunction** [KOWZ23]. **Adjusting** [KS20, ST86]. **admit** [Tom82]. **Advance** [Fis05]. **Advanced** [FRS03]. **Advantage** [Amb16]. **Adversarial** [ÅBS04, AKU05, AKK08, BGL04, BE17, Gam03, LPSR04, MNS11]. **Adversary** [ACH10, Mac97]. **Advice** [AD14, CEEP16, HU22, HS03, KT94]. **AdWords** [HZZ24]. **Affine** [BSK12, BSRZ15, BGWZ20, HL14, MRRS07]. **Affordable** [FK00]. **Again** [KPS94]. **Against** [KQT99, AN93, AL18, CW04,

CS03b, Fis05, GMR88, TS11, Wat09].
Agents [DDDR11]. **Aggregate** [CP12].
Aggregation [CTX10]. **Agnostic**
 [FGKP09, FGRW12]. **Agnostically**
 [KKMS08]. **Agreement**
 [AK97b, AF01, CFCH⁺00, DS83, DGP07,
 FM97, FBGSV15, GGP11, GM98a, HNO⁺20,
 HMW01, MRRT08, SZ00, TPS87, WBZ13].
Ahead [Smi76]. **Ajtai** [Mic04]. **Algebra**
 [BPSV04, BT83a, BKO88, Hal75, HRB87,
 HS87, Sto79]. **Algebraic** [AL18, ALRS98,
 AEZ20, BAG01, BOC92, BMM21, BG21,
 BCE95, CC86, CCC⁺13, GRRV21, GSY95,
 GK98b, GKSS22, Har09, HHN04, JB90,
 Lan85, Pri86, PM03, Rei86, Ren92, Rie99,
 Rie02, Sem09, SH96, Yao91, Yun79, vzG84,
 ACM84a, ACM84b, GJ82, Lan91, Len87].
Algebras [BS00, Blä04, Bsh94b, BJK05,
 Che08, CS07, IMM⁺10, IQ19, KT88, Pig91,
 Gal84a, Gal84b, Har85, Lic89, dG83].
Algorithm [AT77, AAEZ21, AFB94, AM96,
 Amb07, ALW08, AV09, AS10b, ABH98,
 AR98b, Bak86, BHI⁺13, BDG19, BBR598,
 BST23, BGK20, BMKM07, BFG03, Ber76,
 BKHL00, BC00, Bod96, BDD⁺16, BSW14,
 Bra98, BT94, BFP89, BCM⁺15, BD06,
 BS82, BCGR92, BA10, CF22, CFJ⁺10,
 CL77, CBCG05, CCK⁺22, CW75, CKT99,
 Cha92b, CMS18, CH95, CHM96, CVV03,
 CKS17, mCL04, CZ23, Cla88, CP05, CO10,
 CSSS89, Col94, CFCH⁺00, CH02, Col74,
 CPS85, CDH13, CGH⁺98, CPPW12,
 DKLR00, DDY16, DHR20, DK15, DR95a,
 DFM23, Dow90, DLR95, DCH21, ET93,
 Eft16, EW03, EK05, EiC17, ESY17, EL86,
 Eve75, ENZ00, FL12, FKSV02, FBL03,
 FW74, Fil19, Fin20, FV13, FR94, GP90,
 GM91a, GKP98, GMSV15, GW77, Gär95,
 Gaz91b, GL80, GM91b, GHW10, Gol08].
Algorithm [GJ13, GKPS08, GJ19, GR17,
 HHKL21, HL05a, HC99, HU75, HT98,
 HM95, HSS01, HKN21, HS99, HSY22, Hli05,
 HL72, Iwa03, IK22b, Jai07, JPZ08, Jus92,
 KMSZ05, KYN07, KMR87, KW97, KST99a,
 KM97a, Kar99b, KKL⁺93, KM94a, KLP96,
 KK02, KM08, KS86, KMMT09, KRT03,
 KS95, KM77, Kup05, LP94, LS02, LS98,
 LY05, LPT98, LS93, LST99, Mal05, MM02,
 MPP22, MT78, MTZC81, MV13, ML00,
 MBCV98, Moi16, MRŠ10, MRT07, NGM97,
 NZ01, NSS00, NPSW23, NS09, Oht76, PS91,
 Par80, Par98, PR02, PR05, Pla90, PVG04,
 RY96, Ram96, Rey77, RLDL96, RZ16, RS99,
 Sak90, Sav74, SW99, STU97, Sit14, ST13,
 Spi73, Ste97, Swe99, Tan78, TV85, TV22,
 Tri08, Tsa92, TIAS77, Tze92, VP03, Vég16,
 VCJS22, WP03, WZ21, WZ06]. **Algorithm**
 [WZ15, dBBKBK23, AKR95, AB96,
 ACM84a, ACM84b, AS80, BéT89,
 BOFKT88, BN89, Bit82, Blo83, BG90,
 CHT93, Cha84, CKT93, CNS82, CL91,
 CL79, CG73, ES91, FG82, Fri84, FK88,
 Fri86b, GMG86, GGT89, GS89, GL87, GO80,
 HT82a, HJ85, HY88, HK73, Hor87, JS89a,
 KM96, Kar79, KIM81, Kin86, KM89, Kun93,
 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].
Algorithmic [ACOH⁺10, AMT07,
 AHLM07, BNS⁺21, BKL99, CR00, DD13,
 DR14, DX21, FGS85, GR11a, Hal08, HV20,
 HNR08, KV10, KV12, Kol18, LLRS01,
 RTL76, SMW07, SW10, She20, The02].
Algorithmically [Boo94, TT13].
Algorithms [Aar03, ABW18, AB24, AIK19,
 AG94a, AS90, AW01, AS05a, AP06,
 ANFSW20, AOST94, ACC⁺11, AAELvZ12,
 Alb98, AS05b, AAT97, Amb16, AK97b,
 ASS17, AW97, AKK08, AALM90, ABHK11,
 ABD⁺07, ABP19, AKSW22, AF01, Aur87,
 ABSD⁺98, BRS08, Bak97, BCS08, BBN12,
 BGNV18, BNL04, BYGNR98, BBR04,
 BK10b, BHL18, BCN⁺20, Bei90, BHNW23,
 BCK⁺07, BH98, BS93, BGG22, BDK00,
 BMS13, BPP23, BGSW19, Bro78, BGKP99,
 BM02, BGK⁺08, BDH⁺05, BT05, BY98,

CLX17, CKR04, Cha10, CHPJ22, CGH13, Cha98a, CK09, CKR01, CG05, CLM05, CHKS10, CS18, CKL⁺09, Che97, CN85, CT90, CCH⁺16, CC82, CS03a, CMS14, CL89, CM94, CK04b, COS99, CV18, Csa76, CPP16, CLM⁺20, DGL23, DKK⁺19a, DDH⁺09, DGV05, DNS81, DHH96, DS94, DKR96, DS83, DH04, DKM06a, DKM06b]. **Algorithms** [DKM06c, DKS88, EGH07, EGS10, EV21, EvS05, ENRS99, FHL08, FW98, FBGSV15, FFK⁺98, FM03, FW76, FKTVO8, FLM⁺22, Fra91, FHK78, FS89, FNR15, Gab77, GK82, GT89, GG12, GS21a, GS21b, GG10, GI92, GS17a, GPT00, GK07, Gat92, Gav72b, GK12a, GLM⁺99, GMR98, Gie95, GHSZ08, GKKS93, GPST92, Gol95, GJLR97, Gop08, Gra94, GM00, GKS90, GQ17, GLN02, GPRS11, GL21, GMFB87, HJLS14, Hal02, HPQ17, HT84a, HKM08, Har20, Har09, Hav24, HKSS17, HL86, HN94, Hol73, Hol74, HU73, HM99, IL04, IKS10, IQ19, IL98, IWY16, JC91, JV08, JT10, JNS06, JK82, JKP20, JS93, JDU⁺74, KKL09, KQT99, KW00, KR95, KNP99, Ken76, KMV92, KKW04, KS94, KPST94, Kle96, KY15, Kli79, KS02, KR02, KM99, KMMS06, KT77, LS77, LY13]. **Algorithms** [Lin92, Liu72, LRS01, LRWY99, MS10, Mac97, MS99, MSS07, MR99, MYZ06, MHSR98, MS91, MPS92, MD76, MP05, MvV92, MW99b, MRRS07, MMSA93, MR07b, MO74, NNS89, NSV94, PT87a, Pan80, PY90, PR17, PSWvZ17, Pul84, PM03, Rab80, RV98, Rei14, RS92, RS94b, RS91b, Riv76, Riv77, RZ08, SLC91, SSW94, Sho92, Sho97, Smi76, Sti90, SF11, SS12b, Tar72, Tet99, TN95, Tro78, UY91, Val08, VY23, Ver97, VC85, WLL08, Wan24, Wes94, WBZ13, WW75, Wil76, XLXJ09, YYI12, ZS02, dBBKB⁺20, vDHI06, vzG84, AA88, ALM96, ACG89, BS83, BC84, BW79, Bol81, CM89, CMST85, CGJT80, Coh98, CB81, Cun86, Dye84, Fed87, FL83a, FJ81, Gol81, Gus87b, HJLS89, Ham83, Hoc82, Hsu85, Hsu95, Ili89a, Ili89b, IA86, IKP96, JS82, JM86, KB79]. **algorithms** [Kao93, KS93, KRR94, KS91, LLK80, LP83b, Meg83a, Nor89, PA79, PA80, RR89, RS94a, RS91a, Rei85, RH78, Sag83, SJ81, Smi86, Sto85, TY84, TY85, TN82, Tom82, TC84, WT79, WT89, Yao85b, ZS89]. **Aligned** [Tót08]. **Alignment** [NSH⁺08, WJG00, KM96]. **All-Ones** [CLWZ04]. **All-or-Nothing** [CKS13, iKK18]. **All-Pairs** [CL77, Cha10, DHZ00, HKN16, KKP93, LY13, RZ12, Wil18, BK10b]. **All-Terminal** [GJ19, Kar99a]. **allocated** [BC84]. **Allocating** [KRT00]. **Allocation** [ADK⁺08, AS10b, AST99, AMRU22, BNCK⁺99, BKK⁺04, CW75, CFW93a, CKV10, FP86, Hol73, Hol74, KK06, LL95, LL00a, Set75, CL79, CKS85, Ked85, Yao81]. **Allocations** [ANSS21, ABKU99, BCSV06, CG10, HHR⁺16, JV08]. **Allowed** [MV75]. **Almost** [ACER22, BATS11, BM99, BHV99, CKPR02, CLL08, CKMS21, CP12, DHIP07, DHZ00, FGLS14, GM91a, GP01, HT17, HKN21, HR82, KPV14, LS18, Mic04, Moi16, MR08, RT82, RZ16, SS11a, Sch87, FK89]. **Almost-Linear** [LS18, MR08, RT82]. **Almost-Minimum** [BM99]. **Almost-Optimal** [CP12]. **Almost-Optimally** [HT17]. **Almost-Ramanujan** [BATS11]. **Almost-Tight** [HKN21]. **Along** [JB90]. **Alphabet** [ABF94, GP96, Iba78]. **Alphabet-Independent** [GP96]. **Alphabetic** [CKP86, Ita76, KK85, LP94]. **Alphabets** [Jac72]. **Alternating** [BCG⁺21, Gas87, IJ91, KLL90, LLS84, LR96]. **alternative** [Lic89]. **Alternatives** [CK14, FKKN11]. **Always** [Mak97]. **AM** [SU09]. **ambiguity** [RI89]. **Ambiguous** [Leu98]. **Ambivalent** [Fre97]. **amid** [CHW13]. **Amidst** [MS97, Sha87, AS96]. **Among** [CKT00, HJLS14, HSY22, JLTX20, ASU79, HJLS89, IST12, JLLZ22, KPR⁺13,

MS08b, Pel96, Wan24, YLW95, adH86].
Amortization [AARV21]. **Amortized** [FKNN95, MT86, Saw01, WT89]. **Amount** [CC97, GR05]. **Amplification** [AARV21, BBR88, CRS14, DLWZ14, DZ97, GKS93, GM20, GM91c, IJK09, SV10, SB13]. **Amplify** [HVV06]. **Analog** [Maa97]. **Analogues** [Gel75a]. **Analyses** [GLM⁺99, Nor89]. **Analysing** [MMR95]. **Analysis** [ABKPM09, AV09, BNS⁺21, BCGL17, BW99, BS93, Bro78, Bro79, BP81, BCM⁺15, BP93b, BT05, CW75, CV83, CM89, Che89, CB74, CCRM86, CKR72, CPW82, CS03b, DH20, DRT92, DHR97, Fat74, FK88, FMM11, GM01, Gus90, HLR96, HU75, HT98, HL86, IL04, JKLAR90, Ken76, Kin86, KP00a, KLL17, KLR21, LS77, Lav73, LSH05, LS10, Liu72, MT86, Mil76, MSV87, MR02, PY90, RT82, Rey77, Ros80, Ros82a, SS05a, Smi76, Tsa92, WC92, Wir79, AMS84, AL88, BT80c, CF86, CL79, CL89, CK80, DL90, HR87, Meh82, Pap81, PB83b, RSL77, VR89, WT89, Yao81]. **Analysts** [MO12]. **Analytic** [Kao97]. **Analytic-Invariant** [Kao97]. **analyze** [HR86]. **Analyzing** [COF14, Ver97]. **Anarchy** [ADG⁺11, BBM13]. **Ancestor** [AAK⁺06, Mai79, YR92]. **Ancestor-Controlled** [YR92]. **Ancestors** [AHU76, HT84a, ASSU81, SV88]. **Anchored** [BVY22]. **AND-OR** [ACR⁺10]. **AND/OR** [GL95, MSS04]. **Angular** [ACK⁺99]. **Angular-Metric** [ACK⁺99]. **Anisotropic** [BWY15b, BRLW19, CNVW08, CNVW10]. **Annealing** [BŠVV08]. **Annual** [AGK⁺09, AKS09, ACHCP21, AIM16, Bab06, BBS13, BSO14, BCAKT23, CCRZWN22, CDG11, CR17, DK118, DMK19, DKSS22, EvMP⁺12, FGKO08, HIMW16, IKM⁺12, KRS20, 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, Aus10, HNO⁺09, Hai13, LH00, Bie90, HILL99]. **Apex** [FLM⁺22]. **Apex-Minor-Free** [FLM⁺22]. **Application** [AFB96, ABD⁺07, AV09, Asa87, AKOT03, Bak97, BX91, BFL06, BGV00, BGS07, BvMR⁺00, CGJ78, CO82, Doe04, 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, AOS97, AES99, AS05a, AAEZ21, AFG⁺14, AEZ20, AdFM24, Aur87, BCS10, BYGNR98, BG09, BBR04, BSGH⁺06, BG22, CGH⁺89, Cha06, CHPJ20, CC07, CRS95, Cha98b, CC99, Che09, CLL05, CLS19, CPS16, CRS14, Coh16, CV88, DGL23, DHR97, DKSS13b, DN07, DS00, EN19, ELRS03, FSZ21, FM03, FMS10, FPS16, FW07, GR02, GZ05, GVY96, GKK⁺09, Gel75b, GIP20, GL23, Gia95, GV05, Han96, HPM06, HN10, HC99, HRZW20, HS90, IIM85, IQ19, JR13, KLR19, KRS12, KM97b, KLP96, KLL⁺15, KPST94, KR78, LV22a, LP77, LLRS01, LWW21, LT80, LATV17, MTZC81, Mic04, MR91, NN93, NSV94, NR13, PW11, RS94b, RW00, RS96, SS11b, SJ05, Sri06, TZ12, Ver97, AB79, AK88, BCD⁺89a, BCD⁺89b, CW83, EW86, Fed87, Fre85, GGT89, GI80, Iba78]. **applications** [IKM85, LW80, EOS86]. **Applied** [GR93, HM73]. **Applying** [DG93]. **Approach** [AT98, ABF94, BLMW11, CDW21, Cha86, Cha98b, CPT96, Duv91, EGZ24, EC95, GRRV21, GR17, GPV94, KS97, KK02, LZ22b, LV95, LNRW10, LN06, MS01, Pre81, PM03, Sub94, WY07, Cha88, Gus88a, HS88]. **Approaches** [AW21, EGOS07, FGS85]. **Approaching** [KMP14]. **Approximability** [ABF⁺99, BK11, CG10, DFHS08, JKK06, KTW99, KMSV98, Tre00, Von13].

Approximate [AC09, AA89, AS10a, AF03, AdFM18, AR98b, Bar18, BK10b, BFKL21, BSRZ15, BLR80, BP15, BUV18, BT20, CR10, CNVW08, CNVW10, CJ14, Coh95, CV88, CH02, DY10, DMR09, DKM06c, EN19, EKR01, ENRS99, FFTC20, FKS02, FMS10, FMdR10, Fri90b, GP90, GVV96, GS73, GLPS12, GR21, GHS02, HP99a, HPK13, HK11, HKN16, IJK09, JP05, KS96b, KKM⁺11, KOR00, LP24, LPSR09, LP13, Mat91, Mit99, Nat91, Nat92, Nat95, NTZ16, OPS04, Rei99, RZ12, Sch98a, SY12, TU93, Vid16, Wad78, Vid20]. **Approximately** [BDGJ99, CDR10, DLM22, DFJ98, ELRS17, GGJ16, KM13]. **Approximating** [AN06, AO12, AHP08, BNGNS01, Bar18, BDKR05, BBC⁺22, BI06, BT15, CM99, CG12, CRT05, CGYZ06, CT00, CV14, CG18, CFLS97, CEF⁺05, DKM06a, ERS20, EP09, FMS02, FHKS02, GG10, HSSS22, HPK15, HKN21, JS89b, KRY95, KR05, KN05, KMR22, LS16, LNW19, Man08, MR12, NS00, NSH⁺08, Nut10, RRSS09, Ren92, SV18, TY97, VA00, VVYZ07, Ren89]. **Approximation** [AB24, AS98, AW01, AAELvZ12, AM04, AdW22, ALW08, ABHK11, AK03, AHK10b, AS10b, AR98b, AABV98, BRS⁺21, BRS08, BCS08, BCS10, BYGNR98, BBR04, BGK16, BHL18, BGK20, BCNW09, BPU92, BMKM07, BK15, BGG⁺19, BHNW23, BCK⁺07, BDD⁺16, BSW14, Bra98, BKV11, BHZ23, BFNS15, BFG23, BA10, BGA23, CKR04, CHD21, CGL97, CMNS01, CK05, CHKS10, CS18, CM01, CVV03, CS03a, CPPT24, CAKM19, CAdVdM21, CFF⁺12, CKST99, CS24, DDDR11, DKM06b, DLR95, EW03, EK05, Elk06, EJS05, ENZ00, FL12, FK02, FHL08, FV16, FKK⁺08, FK24, FHK78, FJ81, FNR15, GK12a, GW95, GMY12, GMM09, GJ19, GPRS11, GHM⁺11, Hal02, HPQ17, Har20, HL04a, HL05a, Hoc82, JKLS05, JT10, Jan10, JR20, JS93, JL95a, JS20, KKL09, KW00, Kar99a, KM08, KPST94]. **Approximation** [Kle08, KY15, KM81, KMMT09, KS02, KR07, KR02, KKL04, LS13, LR21, LS16, LNRW10, MR99, MYZ06, Man95, MHSR98, MBCV98, Mit99, MW99b, MR07b, MRT07, MRR15, NZ01, NSS00, PW04, PR17, QS06, RV98, RR04, RB91, SHK⁺12, SSW94, Sit21, Sri99, SVV12, SF11, SS12b, Swe99, TV22, TSSW00, Vel85, WJG00, WLL08, WLB⁺99, YYI12, Zim98, AKR95, CNS82, GL87, Hal75, HS88, Lag85, Mur87, Pro88, Sto85]. **Approximations** [BLR14, CLL19, EGS03, HY17, NR13, Pri86, Rot16, Wan92, Wan98, ORS86]. **Apriori** [PVG04]. **APTAS** [EL08]. **Arbitrarily** [ACG⁺16, BGL04]. **Arbitrary** [AKU05, BY86, BX91, BL21, BDD⁺07, CCWZ18, Cha92a, CKP14, FR94, Jus92, Pla90, RS03a, Sav73, Vio07, BX92, GJST81, Sim83]. **Arborescence** [SS05b]. **Arborescences** [NSV94]. **Arboricity** [CN85]. **Arc** [APS93, BF03a, Cha98a, DHH96, LSW90, Tuc80, VP03, Hsu85, Hsu95, MN88, SCH92]. **Arc-Disjoint** [BF03a]. **Architecture** [PY90, PST88]. **Architecture-Independent** [PY90]. **Architectures** [ABR90]. **Arcs** [Spi73]. **Area** [BG82, EMSV12, Ked85]. **Area-Time** [BG82]. **Area-Universal** [EMSV12]. **Areas** [EGS03]. **Argument** [Hai13]. **Arguments** [Aar06, BG09, HNO⁺09, LM08a, SU77, YH90]. **Arising** [BLMW11, IMM⁺10]. **Arithmetic** [AIK14, BHH95, BC98, DL91, DKSS13a, DSY10, Ebe89, GKKS16, Hoo90, KLSS17, KM75, KS15, KS17b, KS19, MVW04, NP22, RSY08, Shp09, AB79, BJR89, GJ82, HH79, HH80, MRK88, Ren89]. **arm** [AK88]. **Armed** [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, Kni88, RL88].

Arrays [AB98, Bol76, CMS97, FH11, GV05, IJ87, Lou83, MM93, Ros75a, Ros75b, Sei77, Bak78b, IP87]. **Arrow** [Jai07]. **Arthur** [CCM⁺19, KLN19, San09]. **Ary** [Rus78, Tro78]. **Ascending** [NP97]. **Aspects** [BKL99, Cyp93b, GR11a, 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]. **Associative** [BP90, Bro99, Bsh94b, FSW87, Har85]. **Associativity** [LL00b]. **Assumptions** [AHR96, CLP16, FLS99]. **Asteroidal** [COS99]. **Asymmetric** [FKR95, FS07b, FSS13, Sch04a, TV22]. **Asymmetry** [She18c]. **Asymptotic** [Chi76, CKL98, CW82, Gav72a, GHK96, KMST87, KS00, MM83, Szp93, Tsa92, Fat74, Mit85, Sto79]. **Asymptotically** [CSW98, HM91, HP98, Bit82]. **Asynchronous** [AG91, CIL94, CN99, CP05, FYO⁺15, HS06, JT73, Mal05, MPS92, MMSA93, MRRT08, Nis94]. **Asynchronously** [DPV15]. **ATM** [SV00b]. **Atomic** [AR98a, DGLV10, GHKT12, Hav04, LAB01, WS91]. **Atomicity** [GLLON18]. **Attack** [CS03b]. **Attacks** [AL18, Wat09, GMR88]. **Attribute** [May81, RU81, Alb85, Eng86]. **Auctions** [Ala14, AKSW22, DFL⁺22, Dob21, FRGH⁺23, GK18, KQT99, LB17]. **Augmentation** [BGA23, ET76, FGG08, Gus87a, HR93c, SV18, FJ81, Vel85]. **Augmentations** [RG77]. **Augmented** [BHMO22, CCKM13, GM82]. **Augmented-Set** [GM82]. **Augmenting** [KL15]. **Authenticated** [DS83]. **Automata** [BE98, BBR⁺99, BV96, BJKP05, Boo78, BP02, BGW00, CHPW98, CPY89, CK94, DS02, DS90, Edm98, EJ99, Epp90, EWS05, GL13, Gra90b, Kar92, Kos75, LLS84, Leu98, LMPP15, Mac98, NP97, Saf06, Sei90, Tze92, aBC08, HM81, IKM85, RI89, RH78, SH85, YI83]. **Automata-Theoretic** [LMPP15]. **Automatic** [ALMZ99, BW99, Mis77, PS81, Sto79, VV17]. **Automatizable** [AR08]. **Automatization** [BPR00]. **Automaton** [KM94b, WS78]. **Automorphism** [ABL00, CB81]. **Autonomous** [AP06, CP08]. **Autoreducibility** [BFvMT00]. **Autoreducible** [BFS06]. **Auxiliary** [MV75, Rev75]. **Availability** [MRW00, NW98]. **Average** [ABN15, ANIM96, ARS97, AH08, BYCDM92, BP10, BG95b, BT06, BP81, BPP89, BP93b, CS99, CMNS01, CR22, DRST14, EP98, Fei06, Fra91, GKG92, Hir23, HL86, KRT17, Lev86, LST99, McD88, MR07a, MRSG05, PB85, PVG04, Spi73, VY23, Vio20, AA88, BS86, Iwa89, YY82]. **Average-Case** [ARS97, BT06, CR22, EP98, Hir23, KRT17, McD88, MR07a, PVG04, Vio20, YY82]. **Average-Time** [CS99]. **Averaging** [Dun73]. **AVL** [Vai90, Li86, MT86, Vai87]. **AVL-trees** [Vai90, Li86, MT86, Vai87]. **Avoiding** [DTCR08]. **Aware** [CKS11]. **Awesome** [Knu19]. **Axiom** [Coo78, Coo81]. **Axiomatizing** [Ace94, Hen88]. **Axiomatization** [GM87, Pig91]. **Axiomatizations** [HvdMV04]. **Axioms** [Rév85]. **Axis** [AES10, Tót08]. **Axis-Aligned** [Tót08]. **Axis-Parallel** [AES10]. **B** [BDFC05]. **B-Trees** [BDFC05]. **Backoff** [GJKP04, HLR96]. **Backtracking** [AIGT94, BP81, BP93b, FW74, LW98a, Nic88, Pur78, PH97, PB83b, WT89]. **Backup** [AK11]. **Backward** [FRS03, WZ15]. **Bad** [GHK91]. **Balance** [BP10, NR73]. **Balanced** [ANSS21, AMRU22, ABKU99, BCSV06,

Bro79, CL94, CK04b, MR01b, Tsa92, Meh82]. **Balanced-Replication** [CK04b]. **Balancing** [AKU05, AKK08, AHKL07, BNFN01, BFG⁺07, FGS12, GLM⁺99, RS94b]. **Balls** [CRSW13]. **Banaszczyk** [BDG19]. **band** [BC87]. **Bandit** [ACBFS02, BSS14]. **Bandits** [ACBG⁺17]. **Bandwidth** [ABK00, BNCK⁺99, KRT00, KS96a, LVW84, Mil88, Tur86]. **Bang** [BKN09]. **Bang-Jensen** [BKN09]. **Barrier** [BCCK19, BGA23, Dob21, DGGW20, GHRU13, HSSS22, HKN16, HSS09, LWY20, She18a]. **Base** [BFP89]. **Based** [AAE⁺23, AM01, ASS17, BF03b, BCHK07, BDMI14, BCF⁺14, CDW21, CGMO14, CP12, CDH13, CadHS00, DSSS08, DCH21, EGIS98, GM01, GJKP04, GK10, GPV94, IQ19, KS97, LSH05, MR99, MR07a, MV13, MPR22, OL74, RS08, SSSS11, SS12b, TZ12, XLXJ09, FMS05, FN80, SF11]. **Bases** [GM82, LS95, Lem75, MN87, Dub90, SL80]. **Basic** [BGWZ20, CV88, DF95, Gal84a, ACM84a]. **Basing** [AWY18]. **Basis** [HKM08, HT98, Hor87, Zwi91]. **Batch** [Che93]. **batched** [BW79]. **Bath** [SMW07]. **Bayesian** [Ala14, BYGNR98, BCGL17, CDW21, DX21, FSZ21]. **Be** [ACR⁺10, BI18, DFHS08, NS95, Nor09, Val02, AGHT24, CGG01]. **Beating** [GHM⁺11, HSSS22, TV20]. **Beats** [KRTV18, KMZ18]. **Before** [KNPS24]. **Behaved** [ADG08]. **Behavior** [BBM13, KS00, OC75, Riv77, HT82b]. **Behaviors** [BV96, Szp93]. **Being** [IL98]. **belts** [EW86]. **Bendix** [KN85]. **bends** [Tam87]. **Bennett** [LS90]. **Bentley** [PS91]. **Best** [AH89, HK11, IKK⁺11, Meh77, RT89a, RT96, YY82]. **Best-Fit** [RT96]. **Better** [ANFSW20, Alb99, ALW08, CLNS15, Che93, CO10, DH04, FM03, GW93a, GMWW17, HL05a, Rot16, CCG⁺97, ĎG84]. **Better-Than-Greedy** [HL05a]. **Between** [CG07a, CR05, FS07b, HSV05, IY23, KRS10b, KS06, MW99a, MRS18, SG04, Wad76, AAvK⁺13, BCG⁺21, CKP19, FRW88, HR78, PCHM85, VW85b, ZS89]. **Beyond** [BPS07, KP00a, ST23, Ver09, MRSV21, 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]. **Bidders** [Dob21]. **Bidding** [KQT99]. **Bidimensionality** [FLST20]. **Bifactor** [BA10]. **Big** [FSS20, Sto79]. **big-** [Sto79]. **Bilinear** [Blä04, Bsh94b, GS12, HM73, JáJ79, MV75, BLR80, JáJ80, JM86, Pro78]. **Bimatrix** [DFM23]. **Bin** [BBGR08, BCS10, CGJ78, CGJ83, EL08, FL86, GPT00, IL98, NPSW23, RT89c, Rhe90, RT93, Rot16, SvSE03, Mao93, Mur87, RT89d, RT89e]. **Bin-Packing** [CGJ78, GPT00]. **Binary** [AGMV00, AH89, Ara86, BYCDM92, CBGWW13, CFCH⁺00, CG97, DGGM24, DP94a, DR95c, DR95b, Dev02, DN04, FP86, Gar74, GW77, GRS93, HF98, HST05, HR82, HW87, LMP02, LW98b, Lar87, LP94, McI74, Meh77, Meh79, NR73, PR99, RS94b, RH77, ST94, Tót03, Tót08, LW86, Sut91, Wil89]. **Binary-Search-Tree** [ST94]. **Binomial** [Bro78, Sch90]. **Bins** [CRSW13, NPSW23, FK88]. **Biobjective** [DY10]. **Biometrics** [DORS08]. **Bipartite** [AOST94, AAELvZ12, AFN07, CH82b, FGT21, GS21a, GKK13, GPST92, GMFB87, HC99, KLST01, Kho06, MSS18, NV03, Sch98b, SSSV01, Yan81a, Yao88, GK82, HK73]. **Bipartiteness** [KKR04]. **Birkhoff** [KLR19]. **Bisection** [CLP⁺19, FK02, Kho06, JKLS05]. **Bisimulation** [FPP11, Sén05]. **Bisimulations** [Dob05]. **Bisubmodularity** [HKP14]. **Bit** [CK17, FNV13, GRS06, KZ07, Mul99, Vio12a, AAG⁺89]. **Bit-Complexity**

[FNV13]. **Bit-Fixing** [GRS06, KZ07]. **Bit-Probe** [Vio12a]. **bitonic** [BN89]. **Bits** [Ara86, BGS98, BV10, HS03, Lu14, NRS99, Vio07, BM84, CG88, LW88b]. **Bitvectors** [BMRV02]. **Biweighted** [HF98]. **Black** [BP15, CKPR02, CPS16, DR14, HIK⁺11, HP10, Hir23, Vin04]. **Black-Box** [CKPR02, DR14, HIK⁺11, Vin04]. **Black-White** [HP10]. **Blackbox** [SS12a]. **Block** [Bro99, CGS22, CMSS00, GP18, 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, BHIK97, BEM10, BG21, CGH⁺88, CGH⁺89, CF22, CS16, CK96a, CK91, DKR96, DGJ09, EP98, FMP82, Fri86a, GJW24, GKMP09, GM91c, GM92, GLV13, HR97, HW02, HS90, Kad88, KMS18, Kut91, LWY20, LW18, MI97, MiHI99, MP77, MTV10, Pau77, Pra75b, PRS97, Val86, Vio20, Zwi91]. **Bootstrapping** [BST95]. **border** [BC87]. **Both** [IKK⁺11, CHPW98]. **Bottleneck** [EKS00, WL95]. **Bottlenecks** [Sch79]. **Bottom** [BJK⁺94, CCH98, Jon87, SW76]. **Bottom-Up** [Jon87, SW76]. **Bound** [AG94b, AM05, BBGR08, BDG19, BHK⁺19, BB21, Blu94, BG92b, Bsh89, BT20, CR10, CR12, Chi76, CKL98, Cyp93a, Elk06, Ezr16, FKR95, Gil98, GJM98, GJKP04, Gra90b, HR03, Joh88, Kam05, KLX10, KLSS17, Kla07b, KRT17, KM98, Lin84, LP13, Mac97, Meh77, NS22, PR14, Pau77, PR00, Pon98, Ram94, Rao11, RSY08, RV01, SS11a, Sch81a, ST23, Ste97, VZ13, Wal98, Zhu21, Cha84, Gra88, Kal85a, KK86, Lic89, MNA88, Zwi91]. **Boundary** [PT02, BH87]. **Bounded** [ACP⁺24, AKP24, ABP19, BKN10, BK10a, BST23, BFG⁺19, BH98, BNP74, BL93, BEG⁺02, BGK⁺18, BGSW19, BvMR⁺00, BL02, BFL02, BOBP⁺04, CFLY11, CG12, Cha92a, CGL97, CKLW01, CJL03, CXY04, CGYZ06, Che05, CW07, CDR10, CSS09, DFSS08, DFK⁺19, DGJ⁺10, DS97, DHV22, DMW05, DSY10, DPPU88, Ezr16, FRR⁺14, FFKP18, FNR15, Gal77, GKRdW09, GKL13, Gra74, GM91c, HLV18, HB94, Hit07, KS11, KMSV13, iKK18, Kel06, Ko91, KR02, KSS20, LS13, LMS98b, LL90, LPPS17, Lu14, MS99, Mer02, MSZ11, NT05, NR73, OW91, OR21, Pat13, RS03a, Sag88, SS12a, SZ76, Wag90, vMP19, HJW85, KF80]. **Bounded-Curvature** [GKL13]. **Bounded-Degree** [AKP24, CSS09, LMS98b]. **Bounded-Depth** [BOBP⁺04]. **Bounded-Difference** [BGSW19]. **Bounded-Error** [GKRdW09]. **Bounded-Genus** [Lu14]. **Bounded-Quantum-Storage** [DFSS08]. **Bounded-Round** [BGK⁺18]. **Bounded-Treewidth** [OR21]. **Boundedness** [HW93, Mar99]. **Bounding** [CI98]. **Bounds** [Aar06, ABP18, AB24, ACER22, AG91, ASSS16, AOT89, Alb99, ABS07, AGHT24, ABC⁺13, AvMSS12, AO95, AHHP00, AdBES14, ACHAH16, AKL21, AGM13, ACH10, ACHP19, Aza92, BRS⁺21, BBO22, BNBK⁺89, BE98, BFL06, BC91, BPS07, BBI16, BHMO22, BAG01, BC22, BGLL99, BDL14, BKRS00, BDFP86, BGK⁺18, BKS15, BOBP⁺04, CW04, CK17, CG10, CEEP16, CW94, Cha94, Cha98b, CFKX07, CR22, CLS19, CFHM20, CS80, Col94, CHPZ95, CH97, CSW98, CG07b, CK96b, DP94a, DvM06, DKM⁺94, DIM97, EPA99, EGZ24, Eri99, EP98, FX15, FV16, FGLS14, FLMS15, Fre76, FL83c, GR05, GG10, GG91, GG92, GG75, GMWW17, Gaz91a, GMP98, GGKT05, GadHW96, GIS77, GP18, GR21, GM18, GKS08, GT00, HHRS15, HS79, Her14, Hit07, HY20, Hya76, IKKP19, Jaf80, JTT00, JMP11, JDU⁺74]. **Bounds** [KKP93, KKR04, Kel06, KLL⁺15, Kla07a,

KRT17, KR05, KMR22, KR09, KM75,
 KMRZ98, Kut02, Lan14, LM08a, LWY20,
 LM99, LWW21, Maa97, MST91, McD88,
 McI74, Mul99, MW20, NH90, PS97, PY91,
 Par77, PD06, PT09, Pät11, PVZ16, PS12,
 PSWvZ17, QS06, RRS09, RS03a, RKS12,
 RC03, RSZ02, San09, SWK09, SLW⁺98,
 SBI04, SvSE03, Sel96, Shp03, Sim97b, SS95,
 SF11, Tom92, Vio12a, Vio20, Wil13, Yao80,
 Yao91, Yun79, Zha09, dBBKB⁺20, AARV21,
 AV87, BD86, CGJT80, CR80, CDR86, Cun86,
 FMP82, Fre81, Fri84, Fri87a, Gol81, Ili89a,
 Ili89b, KRR94, Mao93, Sta80, Wil89, Zel88].
Box [BP15, CKPR02, CPS16, DR14,
 HIK⁺11, Hir23, Vin04]. **Boxes** [AES10].
Boyer
 [AG86, Col94, GO80, Ryt80, Sch88, TU93].
BP [EHS⁺19]. **BPP**
 [ACRT99, BvMR⁺00, GPW20]. **Bracelets**
 [Saw01]. **Branch** [FT06, Hli05, HiO08].
Branch-Decompositions [HiO08].
Branch-Width [FT06, Hli05]. **Branched**
 [KS94]. **Branching**
 [BDFP86, BRRY14, BCG20, CL94, ESY17,
 GL13, LSV07, New02, Pon98, IWY16].
Branching-Time [GL13]. **Branchwidth**
 [FK24]. **Breaching** [BGA23]. **Breakers**
 [Coh16]. **Breaking**
 [BCKK19, CIRR16, Dob21, HKN16, HSS09,
 KLX10, MW99a, MOOY02, She18a].
Breakpoint [AP07]. **Breaks** [Jay98].
Bridge [BCG⁺21]. **Broadcast**
 [ACK⁺98, BCS08, BNL03, De 10, EK05,
 GKS08, KL00, KM98]. **Broadcasting**
 [BF94, KP04]. **Brother** [OPR⁺84]. **Bruijn**
 [BF94, Wil73]. **Bubbles** [DKKP99]. **Büchi**
 [EWS05]. **Buckets** [CGS99, LM94a].
Buddy [Rus77b]. **Budget** [DSSS08].
Budgeted [BHL18, CG10]. **Buffer**
 [ACER22, EW12, KLM⁺04]. **Buffering**
 [AS05b, VZ13]. **Bufferless** [BMIM07].
Build [AN19]. **Bulk** [CEKP18, CHKS10].
Bundle [MSV06]. **burst** [JS89a]. **Bursty**
 [KRT00]. **Bus** [CLLS96]. **Butterflies**
 [LNRS92]. **Butterfly**
 [MS99, Tam98, WG05]. **Buy**
 [CEKP18, CHKS10, CKLW01].
Buy-and-Hold [CKLW01]. **Buy-at-Bulk**
 [CEKP18, CHKS10]. **Buyer**
 [Ala14, CDO⁺22]. **Buyers** [Ala14]. **Buying**
 [BK11]. **Byzantine**
 [DS83, FM97, GM98a, HMW01, MRW00].
Cables [GJ00]. **Cache**
 [ABD⁺07, BGV00, BDFC05, LL00b].
Cache-Oblivious [ABD⁺07, BDFC05].
Caching [BBN12, GKP22, KK00].
Calculation [FP78]. **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**
 [AGHT24, ACR⁺10, Baz09, CGG01,
 DFHS08, KLN⁺11, Koc92, NS95, Val02].
Candidate [GGH⁺16]. **Cannot** [BI18].
Canonical
 [Gie95, KKL11, Bab80, Ili89a, Ili89b].
Canonization [LPPS17]. **Capabilities**
 [CHN⁺18]. **Capacitated** [ASS17, Ben95,
 BK15, CM99, CKR01, GKPS08, KNPS24].
Capacities [CN06]. **Capacity**
 [GH17, GJKP04, KPST94, KR78, NW98,
 Sch90, Hul86]. **Capture**
 [CGW16, CLX17, Imm87]. **Carathéodory**
 [Bar18]. **Carlo** [DKLR00, DKM06a,
 DKM06b, DKM06c, KKL⁺93, SS77b, SS78].
Cartier [BGS07]. **Cascade** [CKP14].
Cascading [ACG89]. **Case**
 [ARS97, AV09, AF03, AMMW07, BCGL17,
 BCSV06, BG95b, BT06, CW75, Che08,
 CR22, CMS97, DMV04, DV00, EP98, Fra91,
 GS21b, GW93a, GHK96, Hir23, HL86,
 KRT17, KV98, LS77, LL00b, Lev86, McD88,
 MR07a, PVG04, RS91b, Riv77, Vio20,
 Blu86, CCG⁺97, Cha84, Coh83, Ili89a,
 Ili89b, JDU⁺74, KK86, Mao93, Pap81,
 RS91a, Ren89, Sta80, SS89b, Vit85b, YY82].

Cases [Gol78, NTZ16]. **Catastrophically** [BG98]. **Categorical** [YH90]. **Category** [Lut90, SP82]. **Category-theoretic** [SP82]. **Catenable** [BST95, KOT00]. **Cauchy** [CDMI⁺16]. **Caused** [LS10]. **Cavity** [KLST00]. **CDCL** [MPR22]. **CDCL-Based** [MPR22]. **Cell** [CR10, CDR10, MV13, PD06, Pät11, PT92]. **Cell-Bounded** [CDR10]. **Cell-Complex** [PT92]. **Cell-Probe** [PD06, Pät11]. **Cellular** [CPY89, DS02, ELRS03, IJ87, Kar92, IKM85, Ron82, YI83]. **Center** [Tho05, WZ21]. **Centers** [BGKP99, CHPJ22]. **Centrality** [BPP23]. **Centre** [Dye86, MT83]. **Certain** [Sho92, ACGS88, Bin84, SS81, Yes83, Zwi91]. **Certifiably** [Zuc19]. **Certificate** [Pra75a]. **certificates** [CKT93, FK89]. **Certified** [Mal05, AW97]. **Certifying** [CDH13, DCH21, KMMS06, NW06, Sch13]. **CFLs** [KR88]. **Chain** [BRS98, HS82, HS84, LS93, LRS01, MNS10, Ram96, SW19, CBH84, DL80, HT82b]. **Chaining** [Cha94, DDMM05, VC85]. **Chains** [BH75, CDG⁺06, DLS81, FW98, Kut02, Thu99]. **Challenge** [AMT07]. **Change** [BFP89, HN02]. **changeover** [BD78b]. **Channel** [BKPY18, DK15, JC91, PRS94, Wil86]. **Channels** [GH17, HLR96]. **Character** [AFB94, DLWZ14]. **Characterization** [AD14, APS74, AS08a, AFNS09, ÀBS04, BP90, Blä04, HMW01, HR73, HZ77, HS06, KC96, LMPP15, Lut93, Ram84, TT01, dG83, BT83a, Car79, Pri79]. **Characterizations** [BP02, GS02, IL81, RS96, IKM85, JS89a, KP82]. **characterizes** [VT89]. **Characterizing** [BSS14, LTW18]. **Characters** [BPWY99]. **Charity** [CKMS21]. **Chase** [GMP23]. **Chasing** [FKT17]. **Chasm** [GKKS16]. **Chatter** [BDP23]. **Cheap** [BK11]. **Cheaply** [KKN15]. **Cheating** [KQT99]. **Checked** [HS95]. **Checkers** [Rob84]. **Checking** [EKR01, FG01, GL13, GP04, KRT03, MM18, MS17]. **Checkpoint** [CFW93b, TB84]. **Cheeger** [KLL17]. **Chemistry** [GL23]. **Chernoff** [Gil98, PS97]. **Chervonenkis** [DSS18, DHV22]. **chip** [Ked85]. **choice** [Rei84]. **Choosing** [GKP04]. **Chord** [DDY16]. **Chordal** [BJ82, Gav72b, HM99, KST99b, Kle96, NNS89]. **chordality** [TY84, TY85]. **Chosen** [BCHK07, CS03b, RS10c, GMR88]. **Chosen-Ciphertext** [BCHK07, RS10c]. **chosen-message** [GMR88]. **Chow** [BGP⁺23, OS11]. **Chromatic** [FLS04, HSV07, McD79, CG73]. **Chromosomal** [WW06]. **Church** [Ott86]. **Ciphertext** [BCHK07, CS03b, RS10c]. **Circle** [Kel06, Hsu85]. **Circuit** [AG94b, AGvM⁺18, AM05, AvMSS12, AIK⁺20, AIKW15, BFL06, BH12, BMPT97, CCH98, CW04, CR22, 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, AIK14, AGS21, ALS22, BCH86, BP90, BT15, DR95a, DS07, DSY10, FRR⁺14, GJW24, GGH⁺16, GH98, GK98a, GK98b, GT00, GKKS16, Häs14a, Hoo90, IK22a, IPS97, ILPR81, Joh75, KMSV13, KW98, KS17b, KS19, Mah20, MD76, MVW04, MTV10, MT99, PRS97, RS03a, RSY08, Rei86, RT90, RT92, Ros18, SW93, SS12a, She09, She18a, She18c, Shp09, Tar73, Val02, Vio07, MRK88, Rap89, SV84]. **Circular** [APS93, Cha98a, DHH96, LSW90, Tuc80, VP03, Hsu85, Hsu95, MN88, SCH92]. **Circular-Arc** [Cha98a, DHH96, LSW90, Tuc80, Hsu85, Hsu95, MN88, SCH92]. **circulation** [BéT89]. **Circumference** [CXY04]. **Circumventing** [BBM13]. **cities** [CP84]. **CLAP** [CZ23]. **Class** [HZ77, KHNS05, MT78, MS08b, QS06, Rus77b, Vég16, Ye90, Yun79, KMS83, LP83b, TC84]. **Classes** [Bas72, BG98, BN99a, BB80,

BLS84, Boo91, BL99, BFvMT00, BC03, CS99, CD72, CKST99, Dur10, FL94, Gas87, Iga77, Imm87, JS08, KAI79, KV10, KV12, KLL90, Lut90, Lut03, Mac99, Mol90, Nat92, San09, SXB83, Sie04, TO92, Ven92, Wag90, BN78, GG86, RS81, TW89, VT89, Wey79]. **Classical** [AA18, AGS21, BYJK08, Dru15, Gel75a, KŠdW07, Mah20, Mah22, SG04, SZ08, SS89b]. **Classically** [Val02]. **Classification** [CZ06, CM16, Dun73, HO02]. **Classifiers** [GMP00]. **Classifying** [BJK05]. **Claus** [Sve12]. **Clause** [BP93b, MMR95, Sag88]. **Clauses** [Gal77]. **Claw** [BDK00]. **Client** [AHKL07]. **Client-Server** [AHKL07]. **Clique** [ABW18, AM05, BY86, BX91, BHK⁺19, CCK⁺20, CR05, CPP16, CDP21, FGLS10, FGLS14, Gav72b, GP04, Kho06, Pul84, Ros14, BX92, Hsu85]. **Clique-Width** [CR05, FGLS10, FGLS14, GP04]. **Cliques** [Akk73, ERS20, FRS⁺20, Gav72b, KS96a]. **Clock** [AHR96]. **Clocks** [BNS18]. **Cloning** [KKW04]. **Clos** [CG07b, DGHK98, LDHX99, NV03]. **Closed** [CK12, GGL⁺13, KM08, KSS20, LS75, Imm88, KMST87, MY91]. **Closeness** [FL94]. **Closer** [CK96a]. **Closest** [Cla88, GRSS98, KS96b, KPV14, MS10, Mar08, Pel94, Sha85]. **Closest-Pair** [GRSS98, Sha85]. **Closest-Point** [Cla88, KS96b]. **Closure** [AARV21, BN99b, BGJ⁺12, BB95, Boo79, GKV06, KMPHT14, TV91, UY91, Sch78, Tom82]. **closures** [BN78]. **Cloud** [BLNZ15]. **Cluster** [KNPS24]. **Clustered** [PSZ17]. **Clustering** [AC11, AAELvZ12, BL16, CCFM04, Che09, CHLX17, FSS20, GKK⁺12, LNRW10, PSZ17, ST13]. **Clusters** [CJM⁺06, Pfa83]. **CM** [LS19]. **CM-Orders** [LS19]. **CMSO** [FTV15]. **CNF** [GGGY21, Iwa89]. **CNF-satisfiability** [Iwa89]. **CNFs** [ABS07]. **Co** [EKLS16]. **Co-location** [EKLS16]. **coalesced** [CV83, PY88]. **Coalitions** [AN93]. **Cocomparability** [CDH13, DS94, DCH21]. **Code** [BGH⁺15, FR80, Rei80, CW83, MRK88]. **Codes** [ADL18, AE15, AL07, BSGK⁺10, BUV18, CGL20, CW07, CGV13, CGS22, DS07, DGY11, Efr12, Fre78, GY96, GGR11, GLS⁺24, GHH⁺17, HRZW20, HL04b, IJK09, JWW80, KLR19, KY09, KS13, KRZSW23, Kou82, Lar89, Mei09, Mei13, ML00, MN01, PR99, ST23]. **Coding** [BSGH⁺06, BE17, CLL13, DGL23, DFVW99, DG93, GMY12]. **Coefficients** [BGS07, Gan95, Lip78, Str74, Fri87b]. **Coffman** [BT94, ST00]. **Cographs** [CPS85]. **Cohomology** [CEN12, GQ17]. **Coin** [ACG⁺16, AN93, BHMO22, CK17, HO14, HT17, LSS⁺21, LT82, PTW11, RSZ02]. **Coin-Flipping** [AN93, HT17, RSZ02]. **Collapse** [HHH98, HHH05, KW98]. **Collapses** [GHJ⁺24, HNOS96, KvM02, Ogi98, Kad88, Kad91]. **Collapsibility** [Che08]. **Collecting** [ABHK11, AABV98]. **Collection** [Lar77]. **Collections** [BBD⁺86, LSH05]. **Collective** [RSZ02]. **collide** [AKR95]. **Collision** [AS90, Pel94]. **Collision-Free** [Pel94]. **Collisions** [HHR15]. **Collusion** [GKW20]. **Color** [VP03]. **Colorability** [KLR03]. **Colorable** [AK97a, KS17a]. **Colorations** [FW76]. **Colored** [KRSV08]. **Colorful** [DLM22]. **Coloring** [AK97a, BX91, BEK14, CLP20, CFK⁺07, CSZ24b, CSZ24a, CH82b, CPPW12, CDP21, DMR09, Gav72b, GKP04, GHS02, GHH⁺17, HMR98, Hol81a, KS17a, KLS⁺24, NV03, PS97, Sch98b, BX92, GK82, MT84]. **Colorings** [BCG⁺21, BC22, BDGJ99, CV10, Eft16, ELRS03, GGJ16, GLLZ19, Mol04]. **Colors** [GMP05, HMR98, KS17a]. **Colouring** [HCD89]. **Column** [BDMI14]. **Column-Based** [BDMI14]. **Combination** [DFHS08]. **Combinational** [HS79, Pau77, Zwi91]. **Combinatorial** [Ala14, AFNS09, AKSW22, AR02, BATS11, BŠVV08, BK07, BK11, CG05, CL79, CS05,

DGGM24, DHR20, DR06, Dob21, EK05, EGH07, FGL16, FW98, FW74, GS00, GMRZ13, JWW80, Lar14, LL00a, LB17, Mei09, MMM22, Mur90, Mur95, OPS04, SH96, SC79b, KP82, SS89b, ZR79].

Combinatorics [ADL18, NPSW23].

Combinators [YH90]. **Combined** [BGWZ20, MRRT08]. **Combining** [JNS06].

Comilexity [Iga77]. **Comments** [AI77, Fat74]. **Commit** [GHKT12].

Commitment [CK17, WS91].

Commitments [HNO⁺09, HHR15, LPS20, PR08a].

Common [AHU76, CHK03, HSSS22, HT84a, JL95a, KMR87, ASSU81, MS84, Nor89, SV88].

Common-Face [CHK03]. **Communicating** [BOHP14, BKO88, GR85].

Communication [ACT00, AKSW22, BGKL03, BYII93, BYJK08, BCR13, BTY94, BPS07, BH12, BNT⁺19, BE17, BGK⁺18, CR12, CCM⁺19, CFK⁺21, CKL98, CD18, DF92, FKNN95, FX15, GKR21, GKRdW09, GKK⁺09, GH17, GJLR97, Goo99, GP18, GPW18, GPW20, GR21, HHR15, HR93a, HS03, Hu74, HY17, HPZZ21, KLL⁺15, Kla07a, Kla07b, KOR98, LPSP05, LT91, NW93, PE86, PU87, PVZ16, PR20, PRS97, RT10, She12, She16, She18b, SZ08, Val82, WS91, dW03, AMS84, CG88, EMC85, HCAL89, Vit88].

Communication-Efficient [Goo99].

Communication-Space [BTY94].

Communication-Time [PU87].

communications [RS85b]. **Community** [BKM19, BCN⁺20]. **Commutativity** [Kol18, JáJ80]. **Compact** [AAK⁺06].

Compaction [Vik03, Vik04, BC84].

Compactness [GP01]. **Comparability** [EHSS99, HM99, Spi85]. **Comparable** [Ogi95]. **compared** [Lon85, Lon88].

Comparing [LL00a, LL00b]. **Comparison** [AFG⁺14, FT97, GKG92, HS02, Ken76, LMS98a, Val75, AA88, AV87, BH81b, RS78].

Comparison-Driven [AFG⁺14].

comparison-sorting [AA88].

Comparisons [ES81, HH81, SW79].

Compasses [ISK⁺12]. **Compatibility** [KL72]. **Compatible** [BT80a, CPPW12].

Competing [FKT17]. **Competitive** [BBN12, BLN01, CMS18, DP94b, DXSC94, FFK⁺98, FKK⁺08, GRS05, GGK16, IKL⁺04, KP00a, LRWY99, Sit14, VCJS22, IKP96].

Competitiveness [DM97].

Complementary [GMSV15].

complementation [BCD⁺89a, BCD⁺89b, Imm88]. **Complete** [AG91, BH77, Blä04, BG95b, BCC⁺09, BHT98, CM87a, CGW16, CZ06, CGGR16, DT97, FF93, For79, GH92, GJT76, GK12a, GLT80, GGM11, GPSS06, GPSZ08, GS02, HvdMV04, HR97, KAI79, KLN15, Kou77, Koz09, KD79, Lev86, LSS13, LZ00, RT81, RT89a, RT89b, Rob84, Set75, STP94, SS05b, Sin97, SOAD09, Szk99, WC90, Zuc96, Gra88, HM81, KMZ87, Lub81, Rap89, SS81, Yes83, DT97, GN16, Gra94, KST93]. **Completely** [ABP19].

Completeness [AM80, Co078, GKV06, HP10, HN77, Hol81a, KKMO00, KM81, MP87, PS02, Co081, Dob89, DF95, HN79, Hol81b, Pet83].

Completion [BSS21, CMNS01, IKS10, JK86, KST99b, LP03, Li20, Sch04b, VHPT09, KS96a, KN85].

Completions [BN82]. **Complex** [BCGW93, BGGS20, CCL13, Eps79, Pan94, PT92, Rei99]. **Complexes** [Hav04, STP94].

Complexities [ACG⁺05, HHR15, dW03].

Complexity [ABSRW02, ABSRW04, ANIM96, ABKPM09, ARS97, AFL08, ABL00, AF03, AKL21, AKSW22, AHLM07, ACHP19, ABSD⁺98, BGKL03, BYJK08, Bas72, BDKR05, BC91, BNT98, BPS07, BH12, BG94, BSS08, BS00, BV97, BG92a, Blä04, BV99, BEGJ00, BB80, BLS84, Boo91, BL93, BCHS94, Bra15, BGK⁺18, BT10, BT80b, BL99, BD78b, Bsh94b, BFvMT00, BFL02, BJK05, Bür00b, Bür00a, BC03,

BLMW11, CS99, yCLZ00, CLX11, CCL16, CRZ22, CR12, CM13b, CGR12, CKP19, CBGWW13, eCY91, CG07a, Che08, CDO+22, CGS22, CK12, CT90, CK95, CCC+13, Col94, CHPZ95, CH97, CK91, CLLS96, CW82, CZ06, CM16, DJP+94, DGGM24, DGP09, DO04, DGR99, DFG13, DF92, DFVW99, DHHM06, DGP07, DRTC21, DS90, DF88, DGH98, DGJ09, Efr05, EJ99, EY10, EIS76, FKNN95, FX15, FPV18, FNV13, FLN+15, FRGH+23].

Complexity

[FG04, Fre93, Fre76, Fre78, FL94, GGP11, GG91, GG92, GJ75, GT01, GW93b, GKRdW09, GKK+09, GKG92, Gil77, GL77, Gli03, GKP04, GGJT10, GJ14, GOP98, GS06, GK05, GJW18, Grä90a, GKS94, GK98b, GS88, GLV13, HF98, HSV07, HS79, HT98, HHKW07, HJ90, Hir80, HS06, Hon82, HM73, HY17, HPZZ21, HY20, HS90, HMRS98, Imm87, Imm89, IL86, JLL12, JK82, JR94, JS81, JL95b, Kam05, KP85, KY10, KKR06, KLL+15, KL72, KH83, KSS93, Kla07a, Kla07b, Ko91, KT94, KKR17, Kum96, KR23, KLL90, Lad77, LM08a, LDRT24, LMM99, LSSV08, LV95, LRR17, LW18, LT91, Lut90, Lut03, Maa86, Maa97, Mac99, MM18, MV75, MNS10, MT83, MNR90, Mil75, MT99, Mil93, MS07b, Mol90, Muc76, MRS18, MS01, MS08b, NHL82].

Complexity

[NS09, NT05, NW93, OR21, PT02, PST00, Pan00, PS77, PY87, Pap92, Pau77, PR00, PVZ16, PR20, Pro76, PB83a, PRS97, Raz03, Ren92, Ris85, RH93, Ros14, SV08, SXB83, She12, She16, SZ08, SI87, SW07, Str76, Str83, SSS91, Tho97, TS81, Tra72, Tun91, Vad01, Val79, Ven92, Ver09, Ver05, Vik03, Vin04, Vio12b, Wal98, Whi90, Wil18, WS91, Yao85a, Yao89, adHW87, vzGS00, AAG+89, AA88, AV87, Bab80, BM88, Blu86, BCN81, CI83, CG88, CSS90, Eng86, Fre81, GMR89, Gra84, Har85, HCS80, HRB87, Huy86a, IL82a, Ili89a, Ili89b, JáJ80, KS85, Kut91, Lag85, Lic87,

Lic89, MT84, MC87, MS84, MNA88, PE86, Pri79, Pro86, RS81, RL88, Ren89, RY87, SS90, SSY82, SS86b, TW89, VT89, Yao79].

complexity [YY82, Zwi91].

Complexity-Restricted [KT94].

Complexity-Theoretical [KY10].

Compliant [FHS96]. **component** [Ham83].

Components

[FRT93, GI93, Gaz91b, HT73, KNP99, Kei85, La 00, Pac74, SW99, Kao93, NS80, vzGS98].

Composable [CLP16]. **Composing** [GJ85].

composite [FS86a]. **Composites**

[CP19b, Gop08]. **Composition**

[BT80b, DDPY08, DH13, GMWW17, GK96, Jay98, KU11, KLR10, PTW11]. **Compress**

[AIKW15, BBCR13]. **Compressed**

[BLR+15, DKM06c, GV05, Loh06].

Compressibility [BL02, HN10].

Compressible [CKL+13]. **Compressing**

[She18b]. **Compression**

[BST95, CLM+20, Dru15, FFFV19, FNV13, GS91, IW22, KM99, Lu14, RS08, SS05a,

SR97, Yac98, Yao85b]. **Compressions**

[KLST00]. **Comput** [BX92, BG96, CCG+97,

Col93, Co081, FJ90b, HH80, HN79, Kad91, Lan91, Lon88, RS94a, SWCP96, Vai90].

Computability

[ADH97, DM97, DHN02, LV22a].

Computable [Bra08, CI83]. **Computation**

[AvDK+07, ABO08, ALMZ99, ABT21, AL10, Aza92, Bac21, Ben89, BG95a, Bis78,

BCL75, CKM+14, CPV22, CCM+19, CP12,

CGP+20, DS76, FRGH+23, GR02, GR05,

GP96, GGL98, HIK+11, HRTS03, HHT97,

HR97, HS75, HS82, HS84, IKOS09, IKK+11,

KW97, LC89, LS90, MS08a, MN01, MW93,

Nis94, Reg96, Reg04, RT92, RRR21, Sav74,

SW19, Sei77, Sim97a, Vaz97, Wra78, Yao91,

vT04, BG96, BC82, FRW88, GS87, Sut91,

VSB83, VW85b]. **Computational**

[AK10, AHLM07, BN10, Bür00b, Bür00a,

CCH98, CLX11, CP09, CK95, DW82,

DGR99, DKK+19b, FV98, GT01, GW93b,

Gil77, GOP98, GKMP09, GKS94, HNO+20,

HSV07, HR78, KMSV98, Kim97, KS19, Lad77, Maa97, MV75, Maz76, Mil75, MT99, Muc76, RS03b, Ren92, SJ05, SS86b, Str76, Str83, Tra72, Vad06, Ver05, Vik03, Wad76, WW75, Wil00, BLR80, Gra84, HCS80, HRB87, Lag85, Lic87, Pro78]. **Computationally** [FRR⁺14, Mic00, Sah74]. **Computations** [AC78, BBD⁺97, BL98, BO10, BC03, CGGK95, CLLS96, DHV22, EKR01, GJMM00, Gef91, KKMO00, Mah22, MST91, MV13, PP95, Pan00, SLC91, SL96, Wal98, CC86, Hel84, Ked85, KF80, Oya93, Pro78, Pro86, Rei84, vzG86]. **Compute** [BC76, FHOS97, GR15, Str74]. **Computed** [BI18, NS95]. **Computer** [AEM⁺11, AK07, ACR⁺10, ANR09, BBS13, BSO14, BCAKT23, CR17, DT08, DMK19, GS73, HIMW16, KRS20, KR78, LMOT14, Lav73, LU10, MS87b, MV18, Rou15, Sho97, NS80, Sto79]. **Computers** [CK96b, GJLR97, MPS92, AHMP87, CSS90, adH86]. **Computing** [AGK⁺09, AA18, AKK⁺09, AAS97, AMS98, AOS06, AA_vK⁺13, AAKS14, AKS09, AM05, ACHCP21, AGKM16, AIM16, Bab06, BOC92, BBBV97, BJK⁺94, BP98, CL13, CCRZWN22, CDG11, CDL86, CEG⁺93, CJL03, CHW13, CS07, CK93, CFPS12, Col74, CK94, DGP09, DKI18, DLS81, DHP13, DKM06b, DKM06c, DKSS22, DLR95, DF88, DGH98, EV21, EKL10, EvMP⁺12, ESY17, FGKO08, FMP⁺03, FRPU94, FLMS15, FIM⁺14, GKM⁺21, GRS05, GM91b, GLLON18, GJ14, GSY95, GK98b, Gro03, Gus91, HKRT95, Har99, HM95, HNOS96, HHKW07, IKM⁺12, Jai07, JKLAR90, KMR87, KWY98, KW00, KM94b, LY05, Loo83, MW99a, MS16, McK79, MMS17, Moi16, Mur90, Mur95, Pac74, PKS⁺13, PB83a, Rap89, SK18, SZ99, VNA20, WZ06, dOS94, dBG08, vzG87, vzGS98, Ili89a, Ili89b, KB79, PE86, SW85]. **computing** [SWCP96]. **Concave** [GMSV15, HC99, YS93]. **Concentration** [ESV20, Rao11]. **Concentrators** [Sch90]. **Concepts** [BGGM98, KMMS22, LV91]. **Concerning** [BS00, IJTW95, IM83, RY87]. **Concurrency** [KP85, Pap83, PY87]. **Concurrent** [Ace94, CKPR02, CIRR16, DCdP98, DS97, EHS12, HS85b, Hen88, IISI05, KPST94, LPS20, PR08a, CRS87, FRW88, Man86, Mit85, RSL84]. **concurrent-write** [FRW88]. **Condensing** [RSW06]. **Condition** [AF98, Saf06, Var97, Oya93]. **Conditional** [AARV21, CRS15, CFGM16, DMR09, GHK96]. **Conditions** [ACFW98, Hen92, MRRT08, Par80, Par98, SWPL11]. **Conductance** [CHS12, CHHKM17]. **cone** [MD73]. **Confidence** [LS75]. **Conflict** [CFK⁺07, DK15, ELRS03]. **Conflict-Free** [CFK⁺07, ELRS03]. **Confluently** [KOT00]. **Congested** [CDP21]. **Congestion** [ADG⁺11, AZ07, BLNZ15, KCS09, CGGS19, Chu16]. **Congruence** [BK10a]. **Congruences** [Dob05, FHK⁺88]. **Conjecture** [AWY18, AGHT24, BDG19, BKN09, BP20, BMM21, CS04, CMSS00, Col00, DT97, FFK96, GL23, JT86, Juk06, Lov21, ST00, Ver09]. **Conjunctions** [GHRU13]. **Conjunctive** [BLR14, CvdM00, CD16, GS17b, JK83]. **Conjunctively** [BHL95]. **Connected** [CT00, CVV03, CV14, CFHM20, FL12, GG12, GI93, Gaz91b, KNP99, KSS93, KN05, La 00, PB83a, RZ10, SW99, ZH05, CSS90, DM88, GB82, Ham83, Kao93, NS80]. **Connectedness** [SSS91]. **Connecting** [CPR11]. **Connection** [CK96a, Mic04, RS94b]. **Connections** [AKP24, KRT00]. **Connectivities** [CLL13, LY13]. **Connectivity** [BBRS98, BE98, BGA23, Cha06, CPR11, CC23, DV00, DP20, Edm98, EPA99, EGIS98, Eve75, ET75, Fre97, FNR15, Gal80, GI92, GIP20, GH98, GKMP09, HRW20, Kao95, KKKP04, KSS08, KKL04, LW98a, MRSV21, NGM97, Pat13, Ros18, Sch13, SV18, Tri08, 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, CHJT04, CIL94, DDR07, GHKT12, HY87, Jay98, KWY98, MR02, Rup00, SWK09, Zhu21, AW96]. **Consequences** [KW98, NS22]. **Considering** [EW12]. **Consistency** [AFL08, ACFW98, BG22, FRS03, GS00, GS17b, Koz21, RSL84, SWPL11]. **Constant** [ABN15, ABO08, AIKW15, BGK20, BMKM07, BOC92, BKPYP18, BH80, BP90, BSW14, BM99, CPV22, CSV84, CKS09, CL19, CVY19, CGS22, Chu16, CGG⁺97, CGH⁺98, CDG⁺06, CDP21, DSS90, EN19, FR06, FSS20, GGK16, GMM09, HH81, HO14, HW93, Koc92, LW98b, MOOY02, Meh18, MBCV98, MR08, NPSW23, Pag01, PP08, PPR09, Rao09, Rei99, RRR21, SW93, Saw01, She18a, She18c, Sie04, Vio07, WROM86, YYI12]. **Constant-Competitive** [GGK16]. **Constant-Depth** [She18a, She18c, Vio07]. **Constant-Factor** [BMKM07, BSW14, MBCV98]. **Constant-Query** [CVY19]. **Constant-Round** [CPV22, CDP21, RRR21]. **Constant-Size** [FSS20]. **Constant-Time** [CGG⁺97, Sie04, YYI12]. **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, BGWZ20, BG21, BGG22, BM14, CCPV11, CRZ22, CM13b, Che08, CVY19, DR13, FV98, FH06, GJK⁺22, GS17b, KOWZ23, MS07a, Mol03, MS07b, Vik04]. **Constraints** [Ado77, BC10, BGG22, BJK05, BD06, BH13, CFW93a, EHPR17, EHJM00, GG75, GJ75, GMN09, GL95, GGM11, HLL95, JL77, LNSS09, LP03, LR21, LS97, MSS04, PT87b, SLC91, SU05, WL95, Jaf85]. **construct** [LR88b]. **Constructibility** [Gef91]. **Constructible** [KKPV07]. **Constructing** [AdBMS98, BPWY99, EW86, Fri86a, GLN02, HRV13, HP99a, HP00a, HSS09, KM00, LP95, LS18, Coh98, HY88, JM96b, Yao82, EOS86]. **Construction** [ABCP98, BATS11, BFU94, BFSU98, Cha00, CW83, CH03b, ES05, HPM06, HO02, LPSPP05, Mei09, ML00, PR99, PR00, Plo76, RS10a, RS22, DMT88, MR80]. **Constructions** [BCF⁺14, EP04, GGKT05, HIK⁺11, Lau83, NN93, PR08b, GI80, Gus83, Kla84, KMZ87]. **Constructive** [AEZ20, LM15, MY91, PPS00, Rot17]. **contain** [JK83]. **Container** [ACP⁺24]. **Containment** [CKS02, CvdM00, SH85]. **Contention** [BKPYP18, CVZ14, CadHS00, FSZ21, GMR98, RU98]. **Context** [AP72, Boo72b, GL77, Gli03, Gra74, Gre73, Gre74, HR78, JM96a, Kos75, Sav73, SS77a, Tai80, HC83, Hum89, ORW85]. **Context-Free** [AP72, GL77, Gli03, Gre73, Gre74, HR78, Kos75, Sav73, SS77a, Tai80, HC83, ORW85]. **Context-Sensitive** [Boo72b]. **Contexts** [LSV07]. **Contextual** [LS22]. **Contingency** [CDG⁺06, CDR10]. **Continued** [Jus92, Str83]. **Continuous** [CCWZ18, DDR07, Dun73, FPP11, HY20, LV22a, LM82]. **Contracted** [AP07]. **Contracting** [MS08a]. **Contraction** [CLV23, MR91]. **Contractions** [CCH⁺16, Kao98, Sch13]. **Contracts** [DRTC21]. **Control** [BBR04, FMS05, JT73, KP85, KCH82, LMSPR01, Pap83, PY87, SW10, HR87]. **Controlled** [BGV00, YR92]. **Convergence** [Ald75, CP05, CP08, EHS⁺19, FRV10, GM00, RT89a, RT89b, RT96]. **Conversion** [Rév85]. **Convex** [AS96, ABL⁺02, AFB96, ABT24, AS97,

AST97, AdFM24, 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, Wan24, ES88, ES91, MD73, RS94a].

Convexity [PRR03]. **Cook** [Sol76, dB84].

Cook-Reducible [Sol76]. **Cooling** [CV18, SMW07]. **Cooperative** [GRS05].

Coordinated [DFK⁺19]. **Coordinatewise** [CMS14]. **Coordination** [Alb09, IR96].

Cops [AGG⁺19]. **Core** [EHS⁺19]. **Cores** [EIM01]. **Coresets** [Che09, DDH⁺09, FSS20]. **Corner** [LV06].

Corners [KKN15]. **Correct** [DS76, Ryt80].

Correctable [CGS22]. **Corrected** [BGS18, VR89]. **Correcting** [AP72, CGdW13, Mei13, WS78].

Correction [Col93, EiC17, SS89a, MR80].

Correctness [AF98, FS81, Ger76, GK10, Rus77a, Rut90].

Correctors [CGR18]. **Correlated** [RS10c].

Correlation [AAvK⁺13, AAELvZ12, BGG⁺19, Coh16, Hås14a, HNO⁺20, HL14, KLS⁺24].

Correlations [RT10, Sut91]. **Corrigenda** [HN79]. **Corrigendum** [AFGN23, Coo81, DCH21, Fri02, HH80, KV12, PA80, RS22, Rie02]. **Coset** [FIM⁺14].

Cosine [PM03]. **Cost** [AHK⁺10a, AAZ16, ADK⁺08, BY98, CCKM13, CVV03, CV14, CS24, DM97, DPV15, DH04, EL08, EHJM00, FKLS10, GW77, GPRS11, HW95, HFWX24, IMP14, JV08, KLSvZ08, LW98b, MMP08, OPR⁺84, SV18, Vég16, WLB⁺99, BéT89, BS86, Kni88, Ron82, SS86b].

Cost-Distance [MMP08]. **Cost-Sharing** [GPRS11]. **Costs** [ABD⁺05, CFLY11, CW94, GY96, GMY12, LMP02, Sch04a, BD78b]. **Counter** [GL13, IJTW95, Var00, Vit85a, WS78, Vit85b].

Counter-Automaton-Recognizable [WS78]. **Counterexample** [Che12, Raz11, Car79]. **Counterexamples** [Ben95]. **Counterfeit** [LT82].

Countermeasures [AL18, BD81].

Counters [IJ91]. **Counting** [APS93, AS10a, AM13, BKT24, BŠVV08, BKPS06, BDGJ99, BC03, CDR10, DLM22, Dye91, DFJ98, DFJ02, DR13, ELRS17, FG04, FR24, GGJ16, GGGY21, GGM12, GGM⁺15, GLLZ19, HMRS98, IL86, KRSV08, KT15, Lad89, LRS17, LSS13, PST00, PT07, PB83a, Rus81, SVV12, TO92, Ull16, Vad01, Vin04, WW13, BCD⁺89a, BCD⁺89b, Iwa89].

Cover [AAA⁺09, AKL21, BBFT23, BHI18, BHNW23, CDH13, CPP16, DF18, DGKR05, DCH21, EW03, GMPT10, GKPS08, Hal02, HL05a, KKMS11, MRR15, RV98, Tho97, Hoc82]. **Coverage** [DFHS08, GL17].

Covered [CEG⁺94, Efr05]. **Covering** [AK11, ABD⁺05, BCS10, CN06, FLM⁺22, Gav72b, GGL⁺13, HOS00, ILPR81, KY15, LC05, Maa86, Mic04, RV98, RT89c, Rhe90, Sri99, BM88, Hoc82, LP83b, Pul84].

Coverings [AdFM24, BI06]. **Covers** [ABCP98, Bie90, Jac90, KS94, Man08, TT13].

CREW [Kut91, Nis91, vzGS00]. **Criteria** [GM00]. **Criterion** [HN77, HN79]. **Critical** [GP18, KN05]. **Cross** [AM06, Kao97, RW05, Sut91].

Cross-connects [RW05].

cross-correlations [Sut91].

Cross-Tabulated [Kao97]. **Crossing** [CM13a, EV21, LWY20, SW06a].

Crossing-Free [SW06a]. **Crossings** [EGS10, EGS03]. **Crossword** [Maz76].

Cryptographic [BDP02, CK17, CHN⁺18, GGKT05, HHT97, HN10, HY20, PR08b].

cryptographically [BM84]. **Cryptography** [AIK06, BOV07, BCF⁺14, CGMO14, DFSS08, DDN00, GKK⁺09, KZ07, RS08].

Cryptosystems [GS88, NS12, MRS88].

CSP [Aus10, BKN09, DGJ09, GHM⁺11, JKK06].

CSPs [CZ23, DKK⁺19a, HKP14, KKMO07, KTZ15, KKR17, KMR22, Koz21, TZ17].

Cube [DMS24, FW76]. **Cubes** [MS04].

Cubic [AK11]. **Cuckoo** [FPS13, FMM11, KMW10]. **CUR** [BW17]. **Curing** [KMP⁺20]. **Current** [ABW18]. **Curvature** [AW01, ABL⁺02, GKL13]. **Curvature-Constrained** [AW01, ABL⁺02]. **Curve** [AM01, JB90, KS05, O'R86]. **Curve-Sensitive** [KS05]. **Curved** [HSY22]. **Curves** [AHPY13, AEZ20, Sho92, Wal98, vzGSS03, MY91, vzGS98]. **Cut** [AN06, AMS11, AI77, AdW22, Ben95, BNS18, CHM13, CCH⁺16, GUY96, Had75, NZ01, Pol95, Tre12, Rei83, Shi80, AHK10b, CMST85, Kar99b, KKMO07, AR98b]. **Cut-Norm** [AN06]. **Cut-Trees** [Ben95]. **Cuts** [BK15, BD93, CEN12, CEFN23, CKRV15, CX18, DJP⁺94, GSV99, KYN07, KM97a, KPST94, LSW90, PB83a, SV95]. **Cutset** [CHM13, MR14]. **cutsets** [Sha79]. **Cutting** [BEGJ00, KKN15]. **Cuttings** [HP00a, KS05]. **Cycle** [BFKV11, CGP⁺20, DS94, FMS02, HKM08, IS90, Man08, Tho97, Hor87, SCH92, Sys81]. **Cycles** [CGYZ06, CH87, DVW21, DHK11, DFJ98, Gab07, SW06a, Tom92, Vik03, WG05, dVE10, MNS86, SSY82, Sys81]. **Cyclic** [SIS7, Ata82]. **Cylinders** [ECM03]. **Cylindrical** [ACM84a, ACM84b, Pri86].

d [Kap00, NS08, AK11, BHI⁺13, BMKM07]. **Daily** [CKLW01]. **Dantzig** [KY15]. **Dart** [CFSZ02]. **Dart-Free** [CFSZ02]. **Data** [AAK⁺12, AHS92, ABL09, AFG⁺14, And99, ALRS98, BRS08, BJS97, BNS⁺21, BV93, BHI18, Bit79, BST95, CJM⁺06, CGdW13, CTX10, DORS08, DHR97, FFFV19, FKSV02, FKM⁺09, FSS20, Fre85, Fre97, GRSS98, GPV94, HU75, Hen00, IJ94, JW21, JR13, KMR88a, KV86, Ken76, KMV91, KKW04, KS20, LWY20, LM82, LNW19, LKS97, LP13, LRWY99, MS87b, NSW11, PT07, Ros80, Ros82a, Ros72, Sco76, Sed78, SR97, TV99, Vio12a, Wil85a, Yac98, BT83a, BT80c, Cha88, Don79, Fre84, FS89, Fre81, Gus88a, RD81, RS83]. **Data-Stream** [FKM⁺09]. **Data-Structural** [BST95].

Database [BMSU81, CM87b, HW93, KKPV07, NTZ16, Sag88, TA99, CBH84, Hul86, RSL84]. **Databases** [BRV16, GKV06, LSH05, MW95, HITK79, IIK85]. **Datalog** [FV98, Mar99]. **Davis** [BKPS02]. **Deadline** [CLT05, LP03]. **Deadlines** [FR94, VCJS22, BD78b, GJST81, Sim83]. **Deadlines*** [GJ77]. **Deadlock** [CG94, Gol78, TU81, TS81, Yan82]. **Deadlock-Free** [CG94, TU81, TS81]. **Debaters** [CFLS97]. **Debreu** [Jai07]. **deBruijn** [GH97]. **Decay** [BGG⁺19, KLS⁺24]. **decaying** [CTX10]. **Decentralized** [BEGL24]. **Decidability** [Ges02, IJTW95, Wey79]. **Decidable** [BJKP05, QY21, CK87, Gur82, Oya93]. **Deciding** [BV99, CJK⁺22, GGP11, GGM11, HR93b, Sei90, Web93, FG82]. **Decision** [BG94, BM02, DLM22, DS02, DGP07, EP98, FPP11, FR75, HITK79, JS05, KM93, MNS10, MPR22, Nis91, NRS99, OS07, YR80, GHY89, IR96]. **Decodability** [CW07, CGV13, GLS⁺24]. **Decodable** [DH13, DS07, Efr12, KY09]. **Decoding** [DHK⁺21, GGG18, GGR11, GL21, IJK09, KY10, KS13, KRZSW23, ST23]. **Decomposability** [Wi90]. **Decomposable** [BRV18, DK14, FJ90a]. **Decomposing** [CD16, Kei85, Web93]. **Decomposition** [AGG⁺19, AES99, BD92, BKRS00, DT97, DKM06c, GZ05, KLST01, KT77, Sky76, ACM84a, ACM84b, KMR88b, WT79]. **Decompositions** [AN19, AFGN22, AFGN23, BEGL24, BCG⁺21, Bod96, BW17, CGP⁺20, GRS16, HiO08, Pri86]. **Decreasing** [RT89a, RT89b, RT96]. **Dedicated** [Bab06, FGKO08]. **Deferral** [GGK16]. **Deferred** [KMR88a]. **Defies** [MRS08]. **Definability** [FG01, RS07, Zim98]. **Definable** [AF23, EM03]. **Defined** [BFvRV15, MiHI99, SZ76, LW88a].

Definitions

[ACFW98, Ven92, Car84, Coh83].

Degeneracies [EC95]. **Degenerate**[BGP⁺22]. **Degree**[AKP24, ASSS16, ACOH⁺10, BKN10, BFG⁺19, BCH97, BDGJ99, BT20, CFLY11, CXY04, CKP86, CSS09, DF18, DPPU88, Fei06, FNR15, GJW24, GNS20, GHH⁺17, Hås88, HB94, KS11, KRY96, KB76, KLR03, KR02, KR05, KP98, KSS20, Kun74, LNSS09, LS13, LMS98b, LPT98, MOP22, Mol04, MR08, Mur95, Sak90, Sch81a, Sén05, She13, Tom92, CMST85, KMZ87, Mil88]. **Degree-****[ASSS16]. Degree-Bounded**[BKN10, FNR15, KR02]. **Degree-Driven**[LPT98]. **degree-three** [Mil88]. **Degrees**[AS86, CJL03, CGYZ06]. **Delaunay**[BWY15b, BFvRV15, CD03, CW98, LM12, Xia13]. **Delay**[AFHB⁺00, AHR96, AH08, Lar89, Ron82].**Delays** [GKP22, LS10, RU98]. **Delegating**[RRR21]. **Deletion** [AHS92, Asa87, KD79,MSV87, Yan81b, Yan81a]. **Deletions**[Ber16, Meh82]. **Delivery** [CM99]. **Demand**[BNL04, BN10, CDO⁺22, Smi76]. **Deniable**[SW21]. **Denotational** [Wad76]. **Dense**[Bar18, DFJ98, GM91a, GR11a, GRS16, Kho06, SU77]. **Density**

[ABS07, BH77, BG22, 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, BCE95, BOBP⁺04, CCK⁺22, CHPJ22, CSV84, CP19b, CLS19, Coh95, CH85, DS07, DSY10, FLMS15, Gar74, GH98, GM91c, GKKS16, Hås14a, JS05, Kao95, KMSV13, KLSS17, KS15, KS17b, KS19, KR23, LSS⁺21, MP77, Pio04, RS03a, Rei86, SW93, SS11a, SS12a, She09, She18a, She18c, Shp09, Tar72, Vio07, dOS94, dBG08,

Hag90, HY88, JM96b, Smi86, VW85b, IPS97].

Depth- [ASSS16, FLMS15, KMSV13, SS12a,ASSS16]. **Depth-2** [BT15, She09]. **Depth-3**[SS11a, Shp09]. **Depth-First**

[AAK90, Kao95, Hag90, Smi86].

Depth-Universal [CH85]. **Depths**[Dev98, GH97]. **Dequantizing** [GL23].**Derandomization** [BOV07, BCM99, CR22,

DM97, GM20, GKSS22, Han96, HKN16,

MRSV21, Wil16, vMS05]. **Derandomized**[JKW10]. **Derandomizing**[HU22, MR99, SW06b, vMP19]. **Derivation**[GL77, LS75]. **Derivatives** [Zuc19].**Descending** [CJ14, NP97]. **Descent**[ABT24, AK09, BCLL21]. **Description**[FW74, GHSZ08, FL83b]. **Descriptions**[GW93b, JL77, SS77a]. **Design**[Alb09, AAZ16, ADK⁺08, BKN10, BCGL17,

BKV11, Bro99, BT80c, CDW21, CEKP18,

Cha89, CFLY11, CHKS10, CS03b, DLL⁺03,

DD13, DR14, EGOS07, FNR15, GKLIV14,

GKR12, KKL04, KNPS24, LNSS09, LS13,

LZ22a, LZ22b, LPT98, MMP08, Tet99,

TS81, YR92]. **Designing** [CRV10, CCH⁺16,CS19, Fus88, GMP00, ACG89]. **Destructive**[LM99]. **detecting** [AB96]. **Detection**[AS90, AT98, BKM19, BCN⁺20, BCR16,DVW21, HK00, KSS08]. **Detectors**[GHKT12]. **Determinant**

[Bjö14, CS07, DPPR20, HT15].

Determinant-Preserving [DPPR20].**Determinantal** [Mur90]. **Determinants**[MR12, Mur95]. **Determine** [MPS⁺94].**Determining**

[ARS97, Chv77, Eve75, McD79, Pat13,

Rup00, BOFKT88, CG73, Kun93].

Determinism [DF92, GGM12].**Deterministic**[AM96, AHMP87, BEG17, BN99b, BHI18, BHNW23, BFG23, CGH13, CKP19, CK13, CCRM86, CC23, CD18, CDP21, DK15, GRS06, Gas87, GKM⁺21, GLPW16, Gli03, GPW18, GS02, Gre74, HH72, HKN21, HB94, Hon82, IKS10, JPZ08, KYN07, KZ07,

KMSV13, KP04, LS02, Mac98, Mal05, MV13, MRS18, PR17, PPS00, SVV12, Vis91, AA88, FG82, Gur82, KR88, RH78].

Determinization [BGW00, Saf06]. **Device** [AFRV19]. **Device-Independent** [AFRV19]. **DFS** [BCKK19]. **Diagnosability** [CC07]. **Diagnosable** [DTA94]. **Diagnosis** [DTA94, SW99]. **Diagram** [CW98].

Diagrams [AdBMS98, AMT07, Aur87, BRLW19, CHLX17, GKM⁺21, HPK15, IIM85, KS03a, LW80, LD81]. **Diameter** [ACIM99, BRS⁺21, BEGL24, DHV22, GKM⁺21, HLCW91, KN08]. **Dichotomies** [GKMP09]. **Dichotomy** [Bac21, BKN09, BP20, BG21, CCL13, CGW16, CCL16, CM13b, DR13, GGJT10, HNO⁺20, LN06].

Dictionaries [AO95, Pag01]. **Dictionary** [MNR90, Yu22]. **Difference** [BGSW19, FKSV02]. **Different** [AHR96, BW05, HR93a, Har80, JKS84].

Differential [BUV18, Dav86, NTZ16, Ull16]. **Differentially** [BHMO22, BN14, FX15, KMMS22].

Difficult [Gol78, SC79b]. **Difficulty** [Fis05, GMP00]. **Diffie** [MW99a]. **Diffusive** [Cha15]. **Digital** [AKOT03, Doe04, FS86b, KPS94, KS00, LST99, Pro92, GMR88].

Digits [Che05]. **Digraph** [Fin20, KRY95].

Digraphs [AST76, BKN09, BDMT98, BF03a, CDTT95, HR73, HC99, Kle74, VTL82, HL96, CDTT95].

Dihedral [Kup05]. **Dimension** [AM96, AHLM07, CKM⁺14, DSS18, DHV22, Ezz16, FFKP18, Hit04, Hit07, KMSZ05, KRS12, KW93, Lut03, Sny92, Bak78b].

Dimensional [AES99, AKS14, ABF94, AB98, ANSS21, BDD⁺07, Cha05, Cha92b, CK95, CGH⁺98, GP96, HPM06, HPK13, Har99, HJW84, Kar92, KU99, KMW75, KS03a, KOR00, LR86, LC90, MW99b, Pfa83, RS92, Sch04a, Vai88, BS83, CGJT80, DL90, EW86, ES91, Gol81, HJW85, LJ94, JDU⁺74, LW80, RS94a, Yao82].

Dimensionality [BGK16, GOS⁺11].

Dimensions [AS96, AAS97, AST97, BCR80, Cha00, DKK⁺19b, Eri99, HP99a, Jus92, LS02, LM08b, MV00, MS97, ZS02].

Diophantine [CC82, Ili89b, Lag85]. **Direct** [DDG⁺17, IJK09, IJKW10, IKW12, JT86, KŠdW07, She12, VC85]. **Direct-Product** [IKW12]. **Directed** [AAK90, AGU72, ADS86, Bak78a, BKN10, BBRS98, BE98, BKS92, Ben95, Ber16, BKM⁺17, CHM13, EK05, FR06, FSS13, GM78, GIP20, HKK⁺07, HKM08, HPT99, HP99b, Joh75, KMRS18, MPP22, NZ01, Ned99, Pac74, PPSS04, RZ08, Rod10, RZ16, Tar73, Tar74, Kao93, KS93, Sch94].

Direction [BV99, FRS03]. **Directions** [GLPW16, T6t03]. **Directly** [MO74]. **Dis** [AAZ16]. **Disclosure** [AARV21].

Discounted [BCK⁺07].

Discounted-Reward [BCK⁺07].

Discrepancy [AKOT03, CFK⁺21, Ezz16, Lar14, LM15, Rot16, Rot17]. **Discrete** [AAKS14, 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]. **discs** [Sha85].

Discussion [BBR88]. **Disjoint** [AKW00, BH19, BF03a, BS93, BFU94, BFSU98, CKS09, CKN22, Fri02, GH97, GSSZ04, HL72, IST12, IY23, KMV92, Luc90, NSV94, RZ10, Blu86, KS91, RLWW97, Rom82, Sch94]. **Disjointness** [BGK⁺18, She16]. **Disjunctions** [EIM01].

Disjunctive [AHM⁺08, CD16]. **Disk** [CKR72, CSW98, GZ05, GLP75, HLP17, HT84b, KL00]. **Disks** [CH82a, HFWX24, HSV05, KKMS11].

Dispenser [GKR05]. **Dispersers** [BSK12, Coh21]. **Dispersion** [CLL19].

Disproving [Juk06]. **dissection** [Kun93].

Dissemination [BSH94a, SCH81c].

Distance [AAKS14, AP72, AK10, AO12, AWZ00, BI18, Bod21, BGSW19, CR12,

CW07, CHKZ03, DM88, DHP13, DHR97, DHV22, HLL95, KKMR09, Liu22, MMP08, PR14, Ros18, WWW87, PE86, ZS89].

Distance-hereditary [DM88]. **Distances** [ABF⁺99, DTCR08, DN04, FKM⁺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, BBO22, BD81, BEK14, BBR04, BCN⁺20, BFKL21, BEG17, BFG⁺07, CHD21, CLP20, CT90, CFPS12, CDDS89, De 10, DGP07, DGLV10, Elk06, FRS03, GKP98, GKK⁺18, GKPS08, GM92, Har20, HKN21, Hie10, HY17, Jaf85, KP85, Lin92, LPSR09, LRWY99, MW93, NR95, PS97, PR00, SHK⁺12, SY99, SY06, TPS87, CBH84, Fus88, IR96, RS85b].

Distribution [BS15, Blu94, BJ99, CFGM16, CK04b, FRS⁺20, HK07, JS05, JL95b, LM94a, PU89b, RRSS09, RT96, HT82b].

Distribution-Free [Blu94, FRS⁺20, HK07].

Distributional [Sch04a, Wan99].

Distributions [ACOH⁺10, BGP⁺23, CRS15, CK09, FOS08, GK18, LV22a, LV91, Nat92, She18b, Val11, Vio12b, Wat14, BCG20]. **distributive** [KMZ87]. **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, SBI04]. **Do** [aBC08]. **Document** [NN17]. **Does** [AH08, Bis78]. **Doesn't** [SS12a]. **Dog** [DHP13]. **Dogleg** [Szk99]. **Dogleg-Free** [Szk99].

Domain [BP20, Blu94, CF22, SP82]. **Domains** [FOS08, GHSZ08, JKN08, Yao91]. **Domestic** [FHKS02]. **Dominant** [HTC13].

Dominating [BJ82, CCK⁺20, CL19, COS99, FT06, RLDL96]. **Domination** [Cha98a, DM88]. **Dominators** [AHLT99, BGK⁺08, Tar74]. **Domino** [Grä90a]. **Double** [BST95, CHH02, DHK⁺21, JV75].

Double-Ended [BST95]. **Doubled** [EMS03]. **Doubling** [CLNS15, CHJ18, FRS19]. **Doubly** [GJLR97, Lub87]. **Down** [AIS08, HPK14, Jay98, MGHK09, SS05a].

Downward [BG98, HHH98, HHH05].

Drawing [FHH⁺93, HL96]. **Drawings** [AABC⁺17, CDTT95, DLV98, EGS03, SSSV01]. **Driven** [AFG⁺14, DIM97, LPT98].

Drugs [DLL⁺03]. **Dual** [ANFSW20, BEG⁺02, GKPS08, JV08, KRTV18, KR05, KS20, RV98, HS88].

Dual-Bounded [BEG⁺02]. **Dual-Type** [JV08]. **Duality** [AS05a, Asa87, BSRZ15, CDW21, CFKX07, GK18, GM18, HM73, HSV05, Pro78].

Duality-Based [CDW21]. **Dualization** [BEM10, EGM03, YS93]. **Duals** [He93].

Duplication [Bak97]. **Duplications** [AP07]. **Dutch** [Bit82]. **Dyadic** [Wir79, Zwi91]. **Dyck** [Lie03]. **Dynamic** [AAK⁺12, AHS92, ABL09, AFHB⁺00, AKK08, ABOK20, BGS15, BGS18, BCCK19, BHI18, BHNW23, BKK⁺04, CHK13, Cha06, CPR11, CN18, CCFM04, CJ92, CPT96, CGJ83, CDTT95, CKM10, CMSS00, Col00, CH05, DK15, DHIP07, DKM⁺94, DKKP99, FT97, FVY21, Fre97, GI92, GRS05, GRSS98, GT98, HSS01, Hen00, HK01, HKN16, HR03, IL98, JS20, KS96b, Kap00, KLM⁺17, KMV91, LW98a, LWY20, LNRS92, LL95, Li89, Lou83, LP13, Meh79, MT99, Mor06, NN14, RZ08, RZ12, RZ16, Ros82b, SV00a, VZ13, CKS85, Man86, PT89]. **Dynamical**

[MP05]. **Dynamically** [Bit79]. **Dynamics** [BBM13, CLV23, GJW24, Mol04].

Early [GGP11, HK00, CV83, PY88].

early-insertion [CV83, PY88].

Earthmover [KKMR09, NS07]. **Ease**

[KMP⁺20]. **Easily** [HS95]. **Easy**

[BJK⁺94, DFKL20, Gol78, KRT10, LL99, MW20, PVZ16, HH79, HH80].

Eccentricities [BRS⁺21, DHV22, OL74].

Economical [AdFM24]. **economies**

[AAZ16]. **Edge**

[AMS11, Asa87, BFU94, BFSU98, CM13a, CKS09, CH82b, CPP16, DV00, EGIS98, EGS10, FGG08, Fre97, Fri02, GG12, GI92, GI93, GMM09, HRW20, Hol81a, IY23, Kle08, KLS⁺24, La 00, LY13, MM02, NGM97, NSV94, NV03, PS97, Pat13, RZ10, Sch98b, Yan81b, GK82, Hol81b, Lue81, Sch79].

Edge-Coloring [Hol81a, NV03].

Edge-Connectivities [LY13].

Edge-Connectivity [DV00].

Edge-Deletion [Asa87, Yan81b].

Edge-Disjoint [BFU94, BFSU98, CKS09,

Fri02, IY23, NSV94]. **edge-partition**

[Hol81b]. **Edge-Weighted** [MM02].

Edge-Weights [Kle08]. **Edges**

[LM15, MM02]. **Edit**

[AK10, AO12, BI18, BGSW19]. **Editing**

[AALM90, ZS89]. **effect** [MT84]. **Effective**

[AHLM07, BO10, CCL16, DR13, HT21,

SS11c, TT01]. **Effects** [AZ04, DLL⁺03].

Efficiency

[BKPS02, CK96b, FMS05, GGKT05, HRV13].

Efficient

[AAEZ21, AFN07, AK97b, AIK⁺20, AALM90, AK88, AF01, BGNV18, BNL04, BLR14, BADTS22, BCLR92, BL98, BRS98, BV14, CFJ⁺10, Cha98a, CK09, CLL19, CDK⁺11, CS05, EL86, FP78, Fid85, Fin20, FH11, FJ89, GHSZ08, GM79, Goo99, Gop08, GS12, HOS92, HS02, HL04a, HH91, IA86, KRVS08, KS91, KMV92, Kle96, KNPS24, KOR00, LY13, LW88a, LRS17, LY05, MS10,

Mac98, MZ08, Mai79, MR80, MSV06, MRK88, Mor80, NN93, PR93, PT07, PR06, PT92, RY96, Ram96, Reg96, RT88, RS99, SF90, SV00a, TV99, Tam98, TV85, Thu99, TN95, TA99, TC84, Tuc80, WJG00, XLXJ09, adH86, BHV99, CL79, FJ90a, Gus88b, IP87, MNS85, Mur87, SJ81, Sys81, WE80].

Efficiently

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

Eigenvalue [Kel06, Tre12, Hal75].

Eigenvalues [BP98]. **Eigenvectors**

[BRV18]. **Eighth** [KRS20, AGK⁺09].

Elastic [BGP⁺22, LM94a].

Elastic-Degenerate [BGP⁺22]. **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].

Ellipsoid [AF23]. **Elliptic** [Sho92]. **Else**

[BT83b, GM87, MN87, Pig91]. **Elusive**

[HW04, Tri94]. **Embedded**

[CCE13, CAdVdM21, ZH05]. **Embedding**

[ABN15, AFGN22, AFGN23, AKR18, Cha91,

DMS24, EFN18, FFKP18, Lou83, Tam98,

WC90, CS89, Tam87]. **Embeddings**

[AHPY13, AL07, BCLR92, BGLL99,

CDG⁺09, CMM10, CT99, CHK03, ECM03,

KR09, LNRS92, Mer02, MS08b, VW85a].

Emde [Wil00]. **Emptiness** [Eri00, SS11b].

Empty [BFvRV15, CDL86]. **Enclosing**

[ZS02]. **Encoding**

[AIKW15, DGGM24, Gel75a, Gel75b].

Encodings [BCG⁺18, HKL00]. **Encryption**

[AS16, ANSS21, BF03b, BCHK07, BV14,

CS03b, GGH⁺16, LATV17, Mah20, SW21].

End [KOR98, SU09]. **End-to-End**

[KOR98]. **Ended** [BST95]. **Energy**

[AIK⁺20, KNPS24]. **Enough** [GJK⁺22].

Enriched [PRS23]. **Ensemble** [FG92].

Entangled

[KRT10, KKM⁺11, QY21, Vid16, Vid20].

Entities [EKLS16]. **Entropy** [BDKR05, BADTS22, Coh21, KM99, LV22a, Rao09]. **Enumerability** [KS01]. **Enumerable** [Kum96]. **Enumerating** [BKPS06, KR95, MD76]. **Enumeration** [Akk73, CGM⁺22, JV75, KW97, KV10, KV12, Sel78, Tar73, Val79, WW75, Gus88b]. **Enumerative** [The02]. **Envelopes** [AAS97, KS03b]. **environment** [Hen80, Man86]. **Environments** [AH00, CN99, MNS11]. **Envy** [CKMS21, CGV11, CFF⁺12]. **Envy-Free** [CGV11, CFF⁺12]. **Envy-Freeness** [CKMS21]. **EOL** [MSW78]. **Epsilon** [RS22, HY17, LR21]. **epsilon-Approximations** [HY17]. **Epsilon-Net** [RS22]. **Equal** [CJST07, Sed77]. **Equal-Length** [CJST07]. **Equalities** [CM22]. **Equality** [BC10, BB80, HPZZ21, ST94, BV84, Pet83, Pig91]. **Equality-Test** [Pig91]. **Equation** [Dav86, LT91, BEW80a, JS89a]. **Equational** [MN87, S en05]. **Equations** [BPSV04, CKS17, EKR01, GJMM00, H as88, KN08, KM13, MPR03, Mur90, NS22, PCHM85, Rub99, Sem09, SP82, XLXJ09, CC82, Ili89b, JK86]. **Equilateral** [BFvRV15]. **Equilibria** [Bar18, CRV10, CS19, DFM23, EN16, EY10, FRV10, GR21, LB17]. **Equilibrium** [DGP09, FGL16, FRGH⁺23, GMSV15, HK11, Jai07, Rub18]. **Equiprobable** [GY96]. **Equitable** [JV08]. **Equivalence** [AHOW92, BMSU81, BV96, BG84, BL99, CHJT04, FMdR10, JT73, KMPHT14, Rub91, Sei90, Tze92, Web93, Coh83, CK87, FG82, Gur82, HCS80, Iba78, IL82a, SH85]. **Equivalences** [ASU79, SG04]. **Equivalent** [AvDK⁺07, AKR18, Boo78, KRY95, LM12, Rei14, SPLK98, FS86a]. **Equivocating** [CPV22]. **Erasure** [DRTV18, GH17]. **Erasure-Resilient** [DRTV18]. **EREW** [KNP99]. **Errata** [Bas76, BD78a]. **Erratum** [BG96, BCD⁺89a, FJ90b, HJLS14, Hol74, Kad91, Lan91, Lon88, Par98, RS94a, SS78, SY06, TV88b, Vai90, Vid20]. **Error** [ABO08, AP72, AS08a, AK23, BL21, BCG20, CGdW13, DH13, FK00, GKRDW09, HL14, KS13, Mei13, MR08, SL96, SR97, AB79]. **Error-Correcting** [AP72, CGdW13, Mei13]. **Error-Resilient** [SR97]. **Errors** [CJL03, GKW20, KW00, KL93]. **Escott** [GGG18]. **establishing** [Pet83]. **Estimate** [LL95]. **Estimating** [AK10, CS09, Fei06, GJ13, KKL⁺93, SS17]. **Estimation** [ACIM99, BPP23, CDK⁺11, DKLR00, FN07, GM09, HPK14, TZ12]. **Estimators** [DKK⁺19b, LS75, Hum89]. **ETH** [dBBKBK23]. **ETH-Tight** [dBBKBK23]. **ETOL** [ERV81]. **Euclid** [Tre00]. **Euclidean** [AHPY13, ANFSW20, AKS14, BHZ23, CHP08, Che09, CAKM19, Col74, CEF⁺05, DHR20, Dye86, HT82a, HS99, IW22, KR07, KS03a, NS00, Sak90, SCY00, SPLK98, SS95, SR83, WP03, dBBKBK23]. **Euclidean-Norm** [DHR20]. **Eugene** [Ano95]. **Euler** [CS18, CHH02]. **Eulerian** [GH73]. **Evaluate** [B ur00b, Lip78, PS73]. **Evaluated** [ACR⁺10]. **Evaluating** [ASU75, BS86, DR95a, Rev75, SU77]. **Evaluation** [AL10, BS76, BMPT97, BGK⁺08, BCGR92, CRSW13, Chi76, Gan95, GJ82, J aJ79, 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, MOP22, NS13, Pra75a]. **Evolution** [HHKL21, WW06]. **Evolutionary** [AK97b, BPWY99, CGG01, CK01, FT97, KW94, Kao98, KLST00]. **Evolutionary-Tree** [FT97]. **Exact** [ADG⁺11, Amb16, BGGM98, CHPZ95, CH97, Dot10, FKTV08, GG91, GG92, GKS93, KS96b, PRS23, Sny92, dBBKBK23, Bak78b, Fri87b]. **exact-match** [Bak78b].

Exact-Size [PRS23]. **Exactly** [Che76, Ko89]. **Examining** [Wil00].
Example [BJ99, Epp03]. **Examples** [GM92, Sim97b]. **Excellent** [CSZ24b, CSZ24a]. **Exchange** [Çam03, EL86]. **Exchangeability** [Li89].
Excluded [GM15]. **Excluding** [GNW23].
Exclusion [BHK09, GM01, KMRZ98].
Exclusive [DKR96, FW90, HS02, KR88, Mit85].
Exclusive-Write [DKR96, KR88].
Execution [ACFW98, GM98b, LL95].
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** [AK23, 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, FP78, Gol08, GS87, KU99, Nic88, Sch90, Szp93, Wal79, AW96, Blo83, MT87, Mye85, Sch88, Sch78, Yao85b].
Expected-Case [AF03, AMMW07].
Expensive [BK11]. **Experimental** [LZ22a].
Explicit [KRS12, MOP22, MS08b, RS10a, RS22, Kla84]. **Exploration** [HIKK01].
Exploring [AH00]. **Exponent** [ABL09, Häs98]. **Exponential** [BYJK08, BNS18, BPP89, CCK⁺20, CKP19, Che89, DHR20, FT06, GKR21, GKRdW09, GKK⁺09, KLSS17, KMR22, MV13, NPSW23, PS12, Saf06, dBBKB⁺20, BORW88, Hel84, 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, Rob84].
EXPTIME-Complete [CGGR16, GGM11].
Extend [Che01]. **Extended** [MGHK09, SL94, FL83b]. **Extendible** [Bol76, Ros75a]. **Extending** [HHH05, Bak78b, CSZ24a]. **Extension** [AAE⁺23, CKR04, Dur10, GJW18, KKMR09, PS97, Sch81a, Sri06, Lic87, Lic89, Pro78, SSC85]. **Extension-Based** [AAE⁺23]. **Extensional** [MTV10].
Extensions [ADG08, CGL20, CFHM20, DKSS13b, GQ17, HLP17, MiHI99, Pan00, PR94, SW76, BEW80a]. **External** [AV03, GKR21, Pro92, VZ13]. **Extinction** [ESY17]. **Extra** [CLL08]. **Extractable** [BCPR16]. **Extracting** [BIW06, GK98b, RSW06]. **Extraction** [BL04, BEG17]. **Extractor** [DPVR12].
Extractors [BADTS22, BSRZ15, CGL20, CRS14, Coh16, DORS08, DLWZ14, DW11, GRS06, KZ07, Rao09, TS11, Vio14].
Extrapolation [LR88a]. **Extremal** [AB24, BDIG85, McI74]. **extreme** [MD73].
Extremely [AWY18, Sie04]. **Eyes** [GGL⁺13].
f [Ngo05]. **F**. [AI77]. **Face** [Bie90, CEG⁺93, CHK03]. **Faces** [AMS98, GTV21, BM88]. **Facility** [ASS17, AGK⁺04, BA10, CG05, CS03a, MYZ06, Tho05]. **Factor** [BGK20, BMKM07, BSW14, FGG08, GMM09, KPV14, KH83, Koc92, Mic04, MBCV98, NS00, Xia13, KMS83]. **Factored** [Bac88]. **Factoring** [BMS86, BCGW93, Lan85, Lan91, Len87, NRR02, PST88].
Factorization

[AGKM16, BGS07, Duv91, GL80, KU11, Lem75, Pan94, SL80, Sho97, Kal85b].

Factors [KY09, GS21a, GS21b]. **Fail** [AAE⁺23, CKS11, PP97]. **Fail-Aware** [CKS11]. **Fail-Stop** [PP97]. **Failed** [DTCR08]. **Fails** [BG98, BGG⁺19]. **Failure** [AT98, GHKT12, KSS08]. **Failures** [DP20, GIP20, MRRT08, SWK09, BKO88]. **Fair** [ADK⁺08, AS10b, BNMS98, EWS05, HT17, IM20, PR20]. **Fairness** [BP10, KK06, Saf06, RY87]. **Faithful** [Esw75]. **False** [BI18]. **familiar** [Tom82].

Families [BS15, BDL14, CRSW13, MSS18, SZ76].

Family [Esw75, FS89, PA79, PA80]. **Fan** [CCH98, KMSV13, KS15]. **Fan-In** [KS15, CCH98, KMSV13]. **Fanin** [SS12a].

Farms [CKV10]. **Fast** [AC09, ACIM99, ADK04, BLS97, BBR04, BGRV98, BGP⁺22, BG95a, BG96, Bra98, BGSW19, CHS12, Chi76, Cla89, Coh98, Csa76, CK01, DL91, DKSS13a, DK15, DMS24, Dow90, DKM06a, DKM06b, DKM06c, DHR97, DLR95, DGLV10, DS00, Ebe89, ES81, ENRS99, Fed87, FA77, FRV10, FK24, GS80, GM98b, GPST92, GKS90, GLN02, GMFB87, HM91, Han96, HPM06, HT84a, HKL00, HN94, HM99, KW97, KNP99, KL15, KvLP88, KU11, KMP77, Kru92, KT77, LP94, LL90, MS91, NNS89, NGM97, Oht76, Pan80, PR93, PR94, PM03, SJ81, SS77b, SS78, Sti90, TPS87, Val82, VSBR83, Vis91, XLXJ09, Yac98, BOFKT88, GGT89, Gus87b, HT82a, HH79, HH80, SW89, Sut91, ZS89, CDMI⁺16]. **Faster** [ALW08, BGNV18, BK10b, CRSW13, CGP⁺20, CDMI⁺16, CH02, CH03b, DVW21, Für09, GT89, GK07, GNS20, HKM08, HRW20, Her14, Iwa03, KST99a, KPST94, LP24, NPSW23, Wil18]. **Fat** [AGMV00, AdBES14, MPS⁺94, PT02, Tót08, dBG08]. **father** [LW86]. **father-son** [LW86]. **Fault** [AP06, ABO08, AL07, BCR18, BCH97, CLPR10, CK93, DPPU88, GGL98, KP05, KP00b, LMS98b, LM99, MMSA93, Sch87, YY85, vDMMS07]. **Fault-Tolerant** [AP06, ABO08, BCR18, BCH97, KP05, LM99, MMSA93, YY85, vDMMS07, GGL98]. **Faults** [CMS97, DHW98, HK00, LM99, Pio04, Tam98]. **Feasibility** [KC96]. **Feasible** [DKR96, Hoo90]. **Feedback** [ACBG⁺17, BYGNR98, Ber76, CB74, ENZ00, Gel75a, Gel75b, GH17]. **Ferromagnetic** [GSVY16, GJ13]. **Few** [BIW06, IMM⁺10, Vio07, CP84, VSBR83]. **Fewer** [GMP05]. **Fibonacci** [GR93]. **Field** [SS12a]. **Fields** [BW05, BCR16, BMS13, BK90, Che05, Cus98, Eps79, GKS10, GKS90, HSS13, Kam05, KR06, KY09, Lan85, Lov21, Rab80, RS08, Sem09, Sho92, Str76, vzGSS03, Lan91, Len87, Lic87, Lic89, SL80, vzGS98]. **FIFO** [BGL04]. **Fifth** [AIM16, CR17]. **Fiftieth** [BBS13, VNA20]. **Fifty** [KRS20, BSO14, BCAKT23, CCRZWN22, CR17, DMK19, HIMW16, LMOT14, MV18, Rou15]. **Fifty-Eighth** [KRS20]. **Fifty-Fifth** [CR17]. **Fifty-First** [LMOT14]. **Fifty-Fourth** [HIMW16]. **Fifty-Ninth** [BCAKT23]. **Fifty-Second** [BSO14, CCRZWN22]. **Fifty-Seventh** [DMK19]. **Fifty-Sixth** [MV18]. **Fifty-Third** [Rou15]. **File** [CH87, CGJL85, NR95, Whi90]. **files** [Wil85b]. **Fill** [BT01, FKTV08, FV13, NSS00]. **Fill-In** [FKTV08, FV13, NSS00, BT01]. **Filled** [Pan00]. **Filter** [DCdP98]. **Filtering** [Cha86]. **final** [BT83a]. **Financial** [CKLW01, Zuc19]. **Find** [BCN⁺20, Hor87, MNA88, SW79]. **Finding** [AHU76, Alb85, AA89, AI77, Ata82, BY86, BX91, Bea91, BH03, Bod96, BDIG85, BGKP99, CHH02, CT76, CW98, CLY06, CL09, Epp98, FBGSV15, FRS⁺20, Fri90a, FRT93, GM78, Gab07, Gal80, GSV99, Gaz91b, GM82, HJLS14, Had75, HHRS15, HOS00, HT84a, He93, HiO08, HR93c, IR78, IY23, Joh75, KYN07, KKP93, KMV92, KS94, KPST94, Kre90, MM02, MW95,

MvV92, NS80, Ned99, NT05, Oht76, PR02, RLDL96, SV95, Sch98a, Sch94, SW99, Spi73, SP75, Tar74, TT77, Tho97, WW13, vzGSS03, BX92, GMG86, HJLS89, KIM81, KS91, MN88, MNS85, Pro88, SV88, SSY82, Sha79, CSZ24b]. **Fine** [CS99, OR21]. **Fine-Grained** [OR21]. **Finger** [CMSS00, Col00, DN04]. **Fingerprinting** [BUV18]. **Finite** [Ace94, ADG08, BBP00, BMPT97, BCR16, Boo78, BP02, BK90, BGW00, BJK05, BCL75, Che05, CC83, CN99, CHPW98, CK94, Cus98, Dur10, DS90, GHSZ08, GKS10, GKS90, Hen88, Iba73, Jac72, Kam05, KY09, KR78, Leu98, PVV98, Rab80, RT10, RS91b, RS08, Sei90, Sem09, Sén05, Sho92, Str76, Web93, Yao91, vzGSS03, AM80, BS86, Che86, ERV81, FG82, GR85, Ili89a, Lic89, PS81, RI89, SL80, SSC85, SH85, vzGS98]. **Finite-State** [DS90]. **Finite-Valued** [Web93]. **Firing** [CDDS89, DHM12, GK12b]. **First** [AKP24, AAK90, ABI97, Coo74, FR75, FRGH⁺23, Kao95, KMPHT14, KKPV07, PST00, PVV98, RT89b, RS07, Tar72, Car84, CKT93, Gra84, Hag90, HY88, Smi86, IKM⁺12, LMOT14]. **First-Order** [AKP24, ABI97, KMPHT14, KKPV07, PST00, PVV98, RS07, Car84, Gra84]. **First-Price** [FRGH⁺23]. **Fit** [Mao93, RT89a, RT89b, RT96]. **Fitting** [ABF⁺99, AC11, HPW04]. **Five** [KS19]. **Fixed** [AFB94, ASU75, AM96, Bie90, CKM⁺14, CCK⁺20, CHM13, CFHM20, CAdVdM21, CLP⁺19, DF95, EKL10, EY10, FBGVS15, FG01, GLP75, GKS93, Hav24, KS03a, LSS⁺21, LPPS17, MR14, RS94b, RS99, SOAD09, VHPT09, WBZ13, WWW87, BH87, NHL82]. **Fixed-Depth** [LSS⁺21]. **Fixed-Head** [GLP75]. **Fixed-Parameter** [CHM13, CLP⁺19, FBGVS15, FG01, Hav24, LPPS17, MR14, WBZ13, DF95]. **Fixed-Points** [SOAD09]. **FixedPoint** [MS76a]. **Fixing** [GRS06, KZ07]. **Flag** [Bit82]. **Flat** [DW85]. **Flatto** [ST00]. **Flip** [BKPS06]. **Flipping** [ACG⁺16, AN93, BHMO22, CK17, DSS90, HO14, HT17, RSZ02]. **Floor** [He99, MST91, YS93]. **Floor-Plan** [He99]. **Floor-Planning** [YS93]. **Flow** [AC82, APS74, AOT89, AOST94, AALR02, AAE13, BPS10, BBR04, BGK20, BSW14, BKM⁺17, BM24, CLL08, CKS13, CH95, CHM96, Coh95, DD81, EV21, ET75, EIS76, FMS05, GVV96, GK07, GKK⁺18, GMFB87, Gus90, HU72, HU75, HRW20, IS79, Jac90, KKKP04, iKK18, KTW99, Ken76, KPST94, KS02, MN95, Ros80, Ros82a, Shi79b, Vég16, CM89, GGT89, Gus83, HJ85, KK86, LY89, AR98b]. **Flow-Time** [BGK20, KK86]. **Flows** [BK15, CEN12, CKRV15, CDR10, FS07a, LP24, MNS85, MNS86]. **Flushing** [Var00]. **FOCS** [BBS13, BSO14, CR17, DMK19, HIMW16, KRS20, LMOT14, MV18, Rou15]. **Focused** [AIK19]. **Folded** [KRZSW23]. **Folding** [BGSW19, FW07, RL88]. **Follow** [BPS07]. **Fool** [Baz09]. **Fools** [DGJ⁺10, HLV18]. **Forbidden** [AFN07, AK23, KSS20, MS07a]. **Forcing** [HSV07]. **Forest** [CHJ18, FKLS10, GW95, HLP17, KLSvZ08, NSH⁺08, PR02]. **Forests** [HK01, WBZ13]. **Forgetron** [DSSS08]. **Form** [AHM⁺08, Ben77, VL00, BLR80]. **Formal** [AW76, BJM00, BV84, FL83b, Kal93, KK02, LV95]. **Formal-Language-Constrained** [BJM00]. **Formation** [FYO⁺15, SY99, SY06]. **Forms** [ABP19, BG84, Bsh94b, Gie95, GL77, HM73, JáJ79, MV75, MSW78, MSW81, Sav74, Ili89a, JáJ80, KB79]. **Formula** [AT00, ACR⁺10, BCGR92, CLS19, DDPY08, Fid85, GMWW17, Kla07b, KRT17, KR23, Kal85a]. **Formulae** [CL94, GM91c, Lic82, Ren92, Fri86a]. **Formulas** [ART09, ASSS16, AHM⁺08, Baz09, BOC92, BHH95, BCE95, BC98, CD16, Che76, COF14, DZ97, FLMS15, GGGY21, GKS93,

Hås98, HW02, HS90, KLSS17, KS15, LL00b, LTW18, Ros18, RS07, RV01, FMP82].
Forrelation [AA18]. **Fortieth** [CDG11].
Forty [AIM16, DKI18, DKSS22, EvMP⁺12, IKM⁺12, MS16, PKS⁺13, SK18].
Forty-Fifth [AIM16]. **Forty-First** [IKM⁺12]. **Forty-Fourth** [MS16].
Forty-Ninth [DKSS22]. **Forty-Second** [PKS⁺13]. **Forty-Seventh** [DKI18].
Forty-Sixth [SK18]. **Forty-Third** [EvMP⁺12]. **Forward** [SV00a, WZ15].
Forward-Backward [WZ15]. **Forwarding** [HK00, Whi90]. **Foundations** [AEM⁺11, AK07, ANR09, BBS13, BSO14, BCAKT23, CR17, DT08, DMK19, HIMW16, KRS20, LMOT14, LU10, MV18, Rou15].
Four [AAS97, CSZ24b, CSZ24a, CLY06, KLSS17, KLR03, Gus87b]. **Four-Coloring** [CSZ24b, CSZ24a]. **Fourier** [BC91, CGV13, Cla89, GOS⁺11, GKM18, KM93, MRRS07, MRS08, Mor80]. **Fourth** [Ber97, HIMW16, MS16]. **FPT** [BDT18, CCH⁺16, FK24, IWY16].
FPT-Approximation [FK24]. **Fractals** [LM08b]. **Fraction** [Chi77, Jus92, KKT77].
Fractional [BI06, GK07, KPR⁺13].
Fractionality [iKK18]. **Fractions** [LC89, Str83, CC86]. **Fragmentation** [Rus77b, CKS85]. **Frame** [CS04].
Framework [FSZ22, FHHP19, GJ00, LZ22a, The02, dBBKB⁺20]. **Fréchet** [AAKS14, DHP13]. **Free** [AGG⁺19, AP72, AR02, BGS98, Blu94, BDK00, BT10, BDD⁺07, CHJT04, CFK⁺07, CGV11, CV14, CIL94, CSZ24b, CSZ24a, CPPT24, CFSZ02, CAKM19, CFF⁺12, CG94, DHV22, EV21, ELRS03, FLM⁺22, FRS⁺20, GL77, Gli03, Gre73, Gre74, HK07, HOS00, Hav04, HR78, Kos75, LH00, Nat99, Pel94, SZ00, Sav73, SS77a, SW06a, Szk99, Tai80, TU81, TS81, WROM86, COS99, Gal84a, HC83, Hum89, Iba78, IL82a, ORW85, Ott86].
Freedom [Yan82]. **Freeness** [CKMS21].
Frege [BPU92, BPR00, BOBP⁺04].
Frequencies [DLR95]. **Frequency** [ELRS03]. **Frequent** [GLPW16]. **Frictional** [RS03b]. **Friendly** [DH20]. **front** [OH87].
Frozen [ART09]. **Frustration** [BT10].
Frustration-Free [BT10]. **Full** [AD14, Bac21, FH06, GGL98, HSS09, JM96a].
Full-Text [HSS09]. **Fully** [BGS15, BGS18, BHI18, BV14, GI92, GM98a, HSS01, Hen00, IL98, Kar99a, LATV17, Mor06, PT89, RZ16].
Function [Aar03, ABC⁺13, AM05, AALP06, BKM19, BGG18, Ber76, BLN01, CCPV11, CVZ14, GMWW17, GJ13, HILL99, HNO⁺09, Lar77, MiHI99, NS93, Sit14, Fri86a]. **Functional** [AS16, BH81a, EKR01, GGH⁺16, Rub99, CV85, Cha88, JS89a]. **Functions** [AAvK⁺13, App13, AIKW15, AL18, ALRS98, Aza92, BH18, Bas72, BRV18, BBC⁺22, BBD⁺86, BCPR16, BT15, BWY15a, BHIK97, Bra08, CS16, CPS16, CK91, CFLS97, CK94, Dev02, DRST14, DKR96, Fei09, FMV11, FV16, FN99, GJ85, GGJT10, GKS93, GSY95, GM92, HRV13, HO14, HHL18, HHN04, Hoo90, HN02, IL81, IMP14, Iwa03, Jac72, JR13, KW93, KY10, KK77, KT94, KMN⁺22, LL00a, Liu22, MI97, MV75, MP77, MZ13, NRR02, Nat91, Nat99, PR17, Pau77, PW11, RS10a, RS22, Rei86, RS91c, Rev75, Sie04, Sim97b, SOAD09, Val86, Yao91, ACGS88, BS86, BS92, CI83, Che86, Kal85a, Kut91, LR88b, RC79, SS90, SSY82, Zwi91, vzG86].
Fundamental [DFVW99, WZ06]. **Further** [GHJ⁺24, MR91, PT09]. **Fusion** [Wil00].
Fuzzy [DORS08].
G [Kon75]. **G/G/1** [Kon75]. **Gadgets** [CFK⁺21, TSSW00]. **Galerkin** [HOS00].
Galil [AG86]. **Galled** [JNS06]. **Galois** [McK79]. **Galton** [Dev12]. **Game** [KLSvZ08, MNR90, AKPW95, VT89].
Games [ADG⁺11, AN93, BVY22, CJK⁺22, CGGS19, DFM23, EN16, EWS05, Grä90a, JPZ08, KKL09, KAI79, KRT10, KKM⁺11, KLN19, LSZ11, Meh18, QY21, Rao11,

SC79b, Vid16, Vid20]. **Gap** [CR12, CCK⁺20, DS90, MW93, SB13, CG10]. **Gap-Exponential** [CCK⁺20]. **Gap-Hamming-Distance** [CR12]. **Gaps** [GMPT10, JLTX20, JLLZ22, PS12]. **Garbage** [Lar77]. **Garble** [AIK14]. **Garbled** [AIKW15]. **Gates** [AM05, RS03a, Shp09, Vio07, vDMMS07]. **Gather** [BDP23]. **Gathering** [AP06, CFPS12, EHJM00, ISK⁺12]. **Gauss** [Sak90]. **Gaussian** [CV18, MR07a]. **GCD** [SPLK98]. **Gene** [MLZ00]. **General** [AAK90, ACOH⁺10, AFHB⁺00, AST76, BCR18, Bea91, Bür00b, CRZ22, CLPR10, CM01, CPW82, CGG01, DV00, EP04, EC95, FLS99, FHHP19, GW95, HKL00, Her14, IMP14, JP05, JS81, KSV08, KKR04, KR06, KH83, KTZ15, KKR17, LNRW10, Liu22, Pan00, QS06, RY96, SW06b, SD88, Sny92, TZ17, Urq11, Ver97, BC82, GMG86, May84]. **General-Valued** [CRZ22, KTZ15, KKR17, TZ17]. **Generalization** [BLN01, BvMR⁺00, Gia95, LD81]. **Generalizations** [DSS18, GS21a, GS21b]. **Generalized** [Abr87, AAEZ21, ACG⁺05, Bak78a, BBN12, BBFT23, BC91, BEG17, BT80b, CIRR16, Cha76, CHJT04, Chi76, EL08, FJ84, FJ90b, HPK15, HS95, JV75, JKN08, KLN19, Lau83, Lie03, Lie76, LST99, MR96, NV03, Pip78, RS07, ST23, Sit14, SOAD09, Szp93, AKR95, KMS83]. **Generalizing** [Jus92]. **Generate** [Bac88, DORS08, BM84]. **generated** [Eng86, Wil85b]. **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, MMM22, Mis77, MV00, RT88, SF90, Thu99, WROM86, HC83]. **Generator** [BBS86b, EKS00, HILL99, Fus88]. **Generators** [ABSRW04, App13, BRRY14, GKL93, GMRZ13, HRV13, HO02, HU22, MZ13, NS93]. **Generic** [GGKT05]. **Genericity** [Wan98]. **Genetic** [DLL⁺03, GM00, Hol73, Hol74, Kim97]. **Genome** [AP07, BP96]. **Genomes** [EMS03]. **Genomic** [NSH⁺08]. **genuinely** [Meg83b]. **Genus** [CS18, Kel06, Lu14, Pat13]. **Geodesic** [AdBS19, LV22b, MMP87]. **Geometric** [AS98, BRS97, BCC⁺09, BDMS13, BGGM98, BLMW11, Cha03, Cha06, CHPJ22, Cha98b, CLM05, CO82, Duv91, EHPR17, EGS10, EJS05, ELRS03, FGG08, FW07, GLN02, JKLS05, KPX10, KMMS22, KS97, MS92, MBCV98, Mit99, MS01, MS08b, MRR15, NR13, RS94b, RKS12, SY99, SY06, Tre00, WY07, dBBKB⁺20, IA86, MS84, Pap81]. **Geometrical** [Sel96]. **Geometries** [Fri93]. **Geometry** [BP14, CP09, CPR11, CDRR07, FPS16, IIM85, NTZ16, SJ05, SD88, The02, Vai89a, Wil00, SS86b]. **GF** [KLX10]. **Ghosts** [FKT17]. **Gibbard** [FKKN11]. **Gibbs** [Eft16]. **Girth** [CL13, CV10, Mol04]. **Given** [AHM⁺08, BHIK97, DLR95, Fis05, Jac72, Kun74]. **Glauber** [CLV23, Mol04]. **Global** [ALN⁺12, AHKL07, BGG22, CG12, CMM10, HU75, Ken76, Mer01, MR10]. **Gluing** [BCLL21]. **GM** [Lov21]. **GM-MDS** [Lov21]. **Gödel** [MWY78]. **Goedel** [HB75]. **Goemans** [Kar99b]. **Goes** [FZ18]. **Goldreich** [TW14]. **Gomory** [LP24]. **Good** [Bak86, BBM13, CRV10, CS19, DDY16, DFL⁺22, GMP00, GHK91, Kar99b, Lin84, MSW78, Rey77, TT13, VR89]. **Goods** [AS10b]. **Gossip** [CP12, GK10]. **Gossip-Based** [CP12, GK10]. **Gossiping** [BF94, BGRV98, FY96, Kru92, KCV92, WS91]. **goto** [Rus77a]. **Gowers** [ST09a]. **Gradient** [ABT24, AK09, BM24]. **Graham** [CCG⁺97, BT94, GW93a]. **Grained** [OR21]. **Grammar** [BLR⁺15, GL77, GPV94, MSW81]. **Grammar-Based** [GPV94]. **Grammar-Compressed** [BLR⁺15].

Grammars [Ben77, Boo72b, Co074, Gra74, May81, RU81, Sav73, Tai80, Alb85, CRGM81, Eng86, Hum89, SH85]. **Graph** [AGU72, AABC⁺17, AGvM⁺18, AS08a, AS08b, AFNS09, ACBG⁺17, AI77, AdW22, ABD⁺07, AC78, ABL00, AF23, BES80, BRS⁺21, BY86, BFK⁺14, BRV16, BE98, BFL06, BBR⁺99, BEGL24, Bra08, BPP23, CM87a, CCL13, CL13, CLP20, CLL13, CKP14, CK12, CGP⁺20, Chv77, CDTT95, Co074, CS24, DVW21, DNS81, DV00, DT97, DLR95, DHHM06, Edm98, Eve75, ET75, ENRS99, EGS03, Fei06, FKM⁺09, FFK⁺98, Fis05, FN07, FM08, FHHP19, GI93, GZ05, Gav72b, Gaz91b, Gus87a, Gus91, Had75, HS85a, HU72, HZ77, Hen92, HT73, HW04, HR93c, IR78, Joh75, KLR19, KM00, Kho06, KH83, KT96, KSS08, KvM02, KK98, KLL17, Lin92, MM02, MD76, McD79, MW95, Mil76, Mol04, MRŠ10, Ned99, Oht76, OR21, Pac74, PR17, PB83a, RLDL96, RG77, STP94, SS11c, ST13, Spi73, Tar72]. **Graph** [Tar73, Tho97, Tor04, Tri94, VY23, Wei80, Yao88, YS93, AKPW95, BM88, CG73, CK80, FS86a, FJ81, Gus88a, HW86, Hor87, IA86, JS82, Lub81, MN88, SJ81, Sch94, Sys81, Tam87, TC84]. **Graph-Centrality** [BPP23]. **Graph-Structured** [ACBG⁺17]. **Graph-Theoretic** [HZ77, AKPW95]. **Graphical** [FVY21]. **Graphs** [ABN15, AGG⁺19, APS74, AKP24, AAK90, Akk73, AP07, AK97a, AFN07, ACOH⁺10, ABR90, AK11, AK23, BX91, BKM19, BGG18, BST23, BK10b, BCCK19, BCG⁺21, BKS92, BFG⁺19, BATS11, BK15, Ber16, BC22, BMPP19, BB88, Boo78, BJ82, BD97, BKM⁺17, BCC⁺09, BDK00, BFU94, BFSU98, BDGJ99, BLTV99, BP92, CM13a, CCE13, CRRZ24, CHS12, CEFN23, Cha10, CCWZ18, Cha98a, Cha73, CLPR10, CKS09, CHH02, CHK03, CXY04, CGYZ06, CV14, CLL13, CV10, CSZ24b, CSZ24a, CPPT24, Chu16, CFSZ02, CAAdVm21, Coh21, CH82b, COS99, CDH13, CSS09, DHH96, DS94, DFP13, DW85, DHR97, DP20, DHV22, DMW05, DCH21, DFJ98, DFJ02, EP04, EP09, EGS10, EV21, EJS05, EHSS99, FMS02, FLS04, FFKP18, FT06, FLM⁺22, FHH⁺93, Fri02, GM78, GS21a, Gal80, GW17, GSV99, GP01]. **Graphs** [GKM⁺21, GH97, GIP20, GM91b, Gil98, GGM⁺15, GKK13, GMP05, GR11a, GH73, GH74, GM15, GNS20, GRS16, GRS16, HCD89, Hal02, HPQ17, HKM08, Har20, He93, He99, HKL00, HR92, HPT99, HP99b, HSS01, HK01, HW95, HR82, HM99, ILPR81, IPS82, Jac90, JO92, JKLS05, JKP20, KS11, KPX10, KST99b, KMRS18, KR95, KL15, KKR04, KM94a, iKK18, Kel06, Kle96, Kle08, KKL11, KLR03, KT15, KN05, KMMS06, KSS20, Kun74, La 00, LSW90, LPPS17, Lu14, MSS18, MPP22, MSZ11, MN95, MOP22, NNS89, NS00, NS13, NV03, NT05, OR21, Pat13, PSZ17, PR05, Pla90, RZ10, RZ08, Rod10, RZ12, RZ16, RTL76, Ros72, Ros14, Sch87, Sch98a, Seb97, Sén05, Set76, SW99, STU97, ST11, ST13, Spi85, Tar74, Tho05, Tom92, TV20, Tuc80, Vad01, VP03]. **Graphs** [Ver05, VW85a, WG05, Wei80, Wor87, Yan81a, ZH05, dBBKB⁺20, Bab80, BX92, BH87, CS89, CNS82, CB81, DM88, Fed87, FS86a, GK82, GMG86, GB82, HY88, HK73, Hsu85, Hsu95, 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, KMZ18, LB17, PSWvZ17, RT81, BKPS06]. **Grid** [GJ00, Ges02, IPS82, KM94a, Sch98a, Tam87]. **Grids** [Cha91, CC07, ECM03, HL04b, KV86]. **Gröbner** [Dub90]. **Grothendieck** [AN06]. **Group** [ABR90, DGV05, DP94b, DXSC94, Dun73, EGH07, FV98, FY96, GV19, GQ17, GS07,

HRTS03, HKK⁺07, IQ19, KK02, KLSvZ08, Lar14, MRS08, Vin04, WW75, MC87].

Group-Strategyproof [KLSvZ08].

Grouping [BT01]. **Groups**

[BFP89, Bür00b, CKM⁺14, Cla89, CK91, GRS05, GS12, McK79, MRRS07, SW06b, Wan99, BLS97, Ili89a, Ili89b]. **Growth** [CG12, SS89b]. **Grzegorzcyk** [BN99a].

Guarantee [EW03]. **Guaranteed**

[CDRR07]. **Guaranteeing** [BNMSS98].

Guarantees

[ANFSW20, AFHB⁺00, AABV98, BKN10, CDG⁺09, CKMS21, Sri99]. **Guarding** [BMKM07, KK11]. **Guillotine** [Mit99].

Hadlock [AI77]. **Half** [IWY16].

Half-integrality [IWY16]. **Halfspace**

[AS10a, Cha00]. **Halfspaces**

[DGJ⁺10, FGKP09, FGRW12, GR09, KKMS08, MORS10, MRR15, SSSS11, She13].

Halftoning [AKOT03, Doe04]. **Hallucinate**

[KNPS24]. **Hallucination** [AIK⁺20].

Hamilton [DFJ98, IPS82]. **Hamiltonian**

[BDK00, CM16, DS94, GJT76, GH74, GB82, GS87, KKR06, MT84, SCH92].

Hamiltonians [BT10, HHKL21, KMP⁺20].

Hamiltonicity [Bjö14]. **Hamming**

[AL07, CR12, DMS24, PE86, Tre00]. **Hand**

[PVZ16]. **Handling** [ER80]. **Hankel**

[BG96, BG95a, LCC90]. **Hanoi** [CS04].

Haplotype [CCC⁺09]. **Haplotypes**

[XLXJ09]. **Hard**

[BKM19, BSHR05, BT00, CM13a, CN06, CG01, DFHS08, EHS⁺19, FGRW12, GGJ16, GJK⁺22, GHM⁺11, HK11, Hit07, JKP20, JR93, JL95b, KKM⁺11, KK11, Lip78, LM94b, Lut95, MHSR98, NP22, SY91, Str74, Tod91, TO92, Ull16, Vid16, ACGS88, AGH17, FT83, HR86, HS87, Huy86b, KMS83, Meh18, Pla78, Vid20, FL94].

Hard-Core [EHS⁺19]. **Hardcore** [KY10].

Harder [CL09]. **Hardest** [Gre73].

Hardness [AWY18, AK10, AZ07, AGS21, BCR16, BDV21, BGG22, BG22, CLP16,

CN07, CKN22, CFLS97, DVW21, DGKR05, DMR09, DSY10, GJW24, GGG18, GL23, GKS10, GKSS22, GHS02, GR09, GL17, GHH⁺17, Häs14b, HVV06, HY20, IJK09, KPV14, KS17a, KMP⁺20, KKL04, KZ20, SHK⁺12, SU09, SV10, Sve11, Tor04, GSVY16, LLK80, KM13].

Hardness-Randomness [DSY10].

Hardware [CIL94]. **Harmonic**

[BHI⁺13, CK01]. **Hash**

[CRSW13, Dev99, GM79, Sie04, SS90].

Hashing [AHS92, BBD⁺86, BK07,

CKPT19, CO82, CadHS00, DMV04, DKM⁺94, FPS13, FMM11, GadHW96, GM98b, KMW10, Knu19, MSV87, PP08, TZ12, Wil00, CV83, PY88]. **Having**

[KW98, Lav73, Kni88, Ko89]. **Head**

[GLP75]. **Heap** [BST95]. **Heap-Ordered**

[BST95]. **Heaps** [CGS99, GM86, HST11,

Jon87, KTZ13, KS20, SJ05, ST86]. **Heat**

[SMW07]. **Heat-Bath** [SMW07]. **Heaviest**

[CL09]. **Heavily** [BCSV06, CEG⁺94].

heavy [GJ86]. **Hecht** [APS74].

Hecht-Ullman [APS74]. **Height**

[Bro79, DSR92, DR95b, Dev99, KS00, Lar87, LP94, Meh82]. **Height-Balanced**

[Bro79, Meh82]. **Height-Limited** [LP94].

Heilbronn [BKHL00, LS02]. **Hell** [BKN09].

Hellman [MW99a]. **Helly** [Hal08].

Helly-Type [Hal08]. **Help**

[CJST07, MS92, NRS99]. **Helps** [AIK⁺20, IL98, Kao95, Mak97, MMS17, Vai89a].

Hennessy [Dob05]. **Henriksen** [Kin86].

Hereditary [CSS09, FR24, DM88].

Hermite [Ili89a, KB79]. **Heterogeneous**

[BNGNS00]. **Heuristic**

[BHZ23, Che92, Che93, GW93a, Pap92, Pla90, RT81, WC92, WL95, AL88, CCG⁺97].

Heuristics [AGK⁺04, Bit79, LW98b, CF86,

CK80, Fre84, RSL77, SR83, Tur86]. **Hidden**

[ABK⁺04, BGKS12, BS82, DISW13, FIM⁺14, HRTS03, KKP93, Kup05, MRRS07, vDHI06].

Hidden-Line [BS82]. **hides** [LW88b].

Hiding [ALMZ99, HNO⁺09, HHRs15].

Hierarchical [AC11, BNFN01, CD17, GPV94, LNRW10, RH93, ST09b, YR92].
Hierarchically [MHSR98, LW88a].
Hierarchies [Ald75, Gre74, HR97, LR21, LH00, Wat14, Ko89, RY87]. **Hierarchy** [ABP18, CW04, CK96a, CP19a, DvM06, GMPT10, GJK⁺22, HNOS96, HHH98, Iba74, KvM02, Lav73, LSS⁺21, Mor82, Ogi98, SL94, TT01, Tod91, TO92, BORW88, CGH⁺88, CGH⁺89, Kad88, Kad91, KS85]. **High** [AKS14, AF98, BL93, CV10, DKK⁺19b, DKKP99, FHH⁺93, HL14, HRZW20, KS13, KOR00, Mol04, She13, UY91].
High-Dimensional [AKS14].
High-Dimensions [DKK⁺19b].
High-Performance [AF98].
High-Probability [UY91]. **High-Rate** [HRZW20]. **High-Speed** [DKKP99].
Higher [AdBMS98, KU99, MV00, PT09].
Higher-Dimensional [KU99]. **Highest** [Sch98a]. **Highness** [BBS86a]. **Highway** [FFKP18, GR16]. **Hiring** [BKK⁺10].
Hirsch [Ver09]. **History** [KW94]. **Hit** [LV06]. **Hit-and-Run** [LV06]. **Hitchcock** [TN95]. **Hits** [ASSS16]. **Hitting** [AGKS15, ASSS16, ACRT99, BST23, HZ20, Tet99].
Hitting-Sets [AGKS15]. **Hoeffding** [PS97].
Holant [CLX11, GLV13, LW18]. **Hold** [CKLW01, Her14]. **Holds** [BKN09, FFK96].
Hole [HPK14]. **Holes** [MPS⁺94].
Holographic [CLX17, CF22, Val08, vMS05].
Holyer [DT97]. **HOM** [CGGR16].
Homeomorph [KMV92].
Homeomorphism [STP94].
Homogeneous [BMPP19, KLSS17, KS17b, Kun81].
Homologous [DHK11]. **Homology** [BCL75, CEN12]. **Homomorphic** [BV14, LATV17, Mah20]. **Homomorphism** [OR21, SW06b]. **Homomorphisms** [CCL13]. **Homotopic** [KM94a]. **Homotopy** [CKM⁺14, Hav04]. **Hood** [DMV04]. **Hop** [CHKZ03]. **Hopbound** [EN19]. **Hopsets** [EN19]. **Horn** [BBC⁺22, EIM01, MiHI99, Sag88].
Horn-Clause [Sag88]. **Horner** [Dow90].
Hough [CSS90]. **HP** [FW07]. **HP-Model** [FW07]. **Hu** [LP24]. **Huffman** [GMY12, Kou82, LP95, ML00, Par80, Par98, PR99].
Huge [FLS04, GGN10]. **Hull** [Eri99, KS86, Wan24, ES91]. **Hulls** [CMS14, Har99, RS92, CSY87, RS94a].
Hybrid [AT98, FK88]. **Hypercube** [AL07, CS16, JMP11, Kru92, PU89a, WC90, CS89].
Hypercubes [BCLR92, Cha91, ECM03, FY96, LNRS92].
Hypercubic [LP98]. **Hyperfinite** [NS13].
Hypergraph [DGKR05, EG95, EGM03, FMS10, GM18, GLLZ19, GHS02, GHH⁺17, HT21, HNR08].
Hypergraphs [ADS86, BKL99, CX18, CR00, FPS16, GP04, Hal02, Har20, KS17a, TY84, TY85].
Hyperplane [DKM09, ESS93].
Hyperplanes [EOS86]. **Hyperspace** [BS82]. **Hypertext** [LL99]. **Hypertree** [GP04]. **Hypertree-Width** [GP04].
Hypertrees [Fri91]. **Hypothesis** [CCK⁺20, dBBKB⁺20].
I/O [MZ08]. **I/O-Efficient** [MZ08]. **ICP** [AV09]. **Ideal** [KV10, KV12, Dob89].
idealized [AHMP87]. **ideals** [Dub90, Huỳ86a]. **Ideas** [IL04]. **Identical** [Sve11]. **Identification** [GKRdW09, GKS93, MI97]. **Identifying** [CJM⁺06, EG95, HL04b]. **Identities** [CS07, HT15, RS00, SS11a, GJ82]. **Identity** [BF03b, BCHK07, DS07, IQ19, KMSV13, SS12a, VV17]. **Identity-Based** [BF03b, BCHK07]. **IEEE** [BBS13, BSO14, BCAKT23, DMK19, HIMW16, LMOT14, MV18, Rou15, KRS20].
If [ABW18, BT83b, GM87, HS85b, Kad88, Kad91, MN87, Pig91]. **II** [AMS13, ACM84b, CGH⁺89, CN99, CSZ24b, Col00, DKM06b, EGIS98, GS21b, Gal84b, Gel75b, HP99b, HS84, KS93, La 00, MS08b,

RS91a, RT89d, RT93, SS86b]. **III** [DKM06c, RT89e]. **Illustration** [LPT98]. **Im** [KMN⁺22]. **Image** [GJ85]. **Immanants** [Bür00a]. **Immerman** [Gef93]. **Immune** [AN93]. **Immunity** [SB84]. **Impact** [RW03, RRW01]. **Impartial** [FK15]. **Imperative** [NW06]. **Implementation** [Bro78, GGN10, PPS00, Rus77a, Mor80]. **Implementations** [CHJT04, CW94, JTT00, Tom82]. **impementing** [Yao81]. **implication** [CV85]. **Implications** [AKK⁺09]. **Implicit** [FN93, HH91, Fre84]. **Implies** [BGK16, BK10a, HO14, Wil13, FT83]. **Impossibility** [BP15, BN14, BCF⁺14, MRŚ10, SWK09]. **Impossible** [SZ00]. **Imprecise** [SLC91, SL96, vKLM10]. **Improve** [BSS21]. **Improved** [AOT89, AOST94, AAELvZ12, Alb98, ABHK11, AdBES14, BCS08, BHL18, BC22, BP93a, CG10, CG05, CKL⁺09, CKS17, CS03a, CM94, Coh21, CG07b, Cun86, DY75, EGH07, EGS03, FHL08, GP90, GLS⁺24, Hal02, Hen00, IL04, KRT17, KR02, KRZSW23, KR09, KLL17, PY91, PR08b, RZ08, RKS12, RC03, SSW94, Sri99, TV22, YYI12, CKT93]. **Improvements** [HRV13]. **Improves** [EW12, Fra91]. **Improving** [ACC⁺11, BC00, CT90, CMS14, FGG08, Wil13]. **In-Tree** [PT87b]. **Inaccurate** [BJS97, CP08]. **Inapproximability** [AMS11, Aus10, BGG20, BGG⁺23, CCK⁺20, CL19, DSS18, KKMO07, PSWvZ17, Rub18]. **Incidence** [Pri86]. **Inclusion** [BHK09, KM95, CV85]. **Inclusion-Exclusion** [BHK09]. **Incomplete** [PPSS04]. **Incompressibility** [BLTV99, BHV99]. **Increase** [EM03, Koc92]. **Increasing** [GG10, Koc92, NGM97, SS17]. **Incremental** [CCFM04, DV00, LMS98a, LNRW10, KM89]. **Independence** [AH11, Baz09, CV14, DGJ⁺10, HLV18, KLR19, NT05, PPR09]. **Independence-Free** [CV14]. **Independent** [ABF94, AFRV19, BGG18, BIW06, BCG⁺21, BGG20, CM87b, CPPT24, CLY06, Dob84, DFJ02, FP78, FK03, Fei06, GRS06, GP96, Gav72b, GJW18, GS02, Jac72, KS77, MRT07, PY90, Rao09, TT77, TZ12, TA99, TIAS77, WL95, CNS82, GS89, LLK80, Lub86, Lue81, MN88, Rei84]. **Index** [BCHS94, CCKM13, Ata82, BCN81]. **Indexed** [Li20]. **Indexing** [AFG⁺14, GV05]. **Indices** [HSS09]. **Indistinguishability** [AS16, AM13, BCG⁺18, GGH⁺16, SW21]. **Indivisible** [AS10b, CG18]. **Induced** [ACP⁺24, AFN07, CHLX17, DVW21, FR24, FTV15]. **Induces** [CM22]. **Inductive** [JS08, BCD⁺89a, BCD⁺89b]. **Inequalities** [BEG⁺02, CM94, DFKL20, Pan94, AS80, Gal84b]. **Inequality** [AN06, CM94, GR93, HN94, KLL17, LMR90, VV17, AS80, MR96]. **Inference** [ACKS15, BYGNR98, CCC⁺09, JS08, Pla80]. **Inferring** [ASSU81, JLL12, KW94]. **Infinite** [AKK⁺09, AJ22, BP20, Fri91, SL94, BS86, Ili89b]. **Infinitely** [BFS06]. **Infinitely-Often** [BFS06]. **Infix** [Rei72]. **Influence** [Cha15, MR10, ST09a]. **Information** [AHLM07, AHKL07, BSH94a, BN00, Bra15, CHS12, CCKM13, CCFM04, CK14, DPVR12, EHJM00, FRPU94, GKR21, GGL98, HKL00, JKS84, Kao97, KLL⁺15, Kou77, KLR10, Lin84, Lu14, Mai79, MRRT08, RSZ02, SCH81c, VL00, WY07, CW83, Hul86, Jaf85, Man86]. **Information-Theoretic** [Lin84, WY07]. **Information-Theoretically** [HKL00, KLR10, Lu14]. **Infrequent** [Fra91]. **Inherent** [EHS12]. **Inhomogeneity** [AS86]. **Initial** [BT83a]. **Inner** [MV75]. **Input** [AKU05, IL82b, Iba78, MS87a, Sta80]. **Inputs** [CG97, DFKL20]. **Insertion** [BC84, FPS13, CV83, PY88]. **Insertions** [MT86, Meh82]. **Insight** [BT94]. **Inspired** [Bac21]. **Instability** [BGL04]. **Installation** [GMM09]. **Instance** [Dru15, Kum96, VV17, IIK85]. **Instances**

[FGK05, GGM11, HN10, SF90].
Insufficiency [Rei72]. **Integer**
 [BEG⁺02, BGS07, CCK⁺22, DKSS13a,
 Für09, HJLS14, HS02, Har99, HSW92,
 HN94, JV75, Pol95, Pon98, RV98, RT90,
 SPLK98, Sri99, Sri06, FL83a, Fri87b,
 FHK⁺88, HJLS89, Ili89a, KB79, Pla78].
Integers [CGGK95, KMR87, McI74, Pan00,
 PST88, WT79]. **Integral**
 [Che89, CDR10, Che86, Kal85b, Loo83].
Integrality
 [GMPT10, HKK⁺07, PS12, TV20, IWY16].
Integration [Che86, SSC85]. **Interactive**
 [BBCR13, BOHP14, BNT⁺19, Bra15, BE17,
 BCL75, CN99, GH17, Hai13, HHRS15,
 KLN15, LPS20, RRR21, She18b, GHY89,
 GMR89, MM83]. **Interchange**
 [AHK⁺10a, ORW85]. **interconnect** [Vit88].
Interconnection [CR91]. **Interdomain**
 [LSZ11]. **interesting** [SPH84b]. **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, DG93, Gop08, GKS90,
 GKS94, LS95, Man95, RB91, Shp09].
Interpretations [MSW81]. **interprocessor**
 [HCAL89]. **Intersecting**
 [BP00, Cha92b, Goo91]. **Intersection**
 [AS90, BYCDM92, Bas72, EJS05, FSZ22,
 HL04a, HPZZ21, NSV94, Sha85, She13,
 dBBKB⁺20, BN78, Cun86, FS89, Mye85,
 SW79]. **Intersections** [APS93, BNP74].
Interval [AV03, Cha98a, DHH96, GP01,
 HSS01, HHKW07, HM99, KST99b, KKL11,
 KMMS06, PY79, VHPT09, CB81, FLST86,
 JS89a, KS96a, KM89]. **Interval-Ordered**
 [PY79]. **Intervals** [BYHN⁺06, CFK⁺07,
 DCV90, Esw75, LS75, NHL82].
Intractability [DKK⁺19b, FGLS10].
Intrinsic [LS22]. **Introduction**
 [Gol98, Vaz97]. **Intruder** [SY92].
Invariance [CK91]. **Invariant** [CCK⁺22,
 HL14, Kao97, MM02, TZ22, WW75].
Invariants [BG84, Ver05]. **Inverse**
 [Chi77, KS98]. **Inverses** [BC91, LCC90].
Inversion [Csa76, vzGS00, Lic89].
Inverting [FN99, Kal93]. **Investment**
 [ADK04]. **Involving** [Rus77a]. **IP** [Mei13].
IPS [AGHT24]. **Irrational** [CK00].
Irreducibility [CHJT04]. **irreducible**
 [Ata82]. **Irrelevant** [BP20]. **Ising**
 [GJ13, JS93]. **Isolating** [GTV21]. **Isolation**
 [CRS95, vMP19]. **Isometry** [CGV13].
Isomorph [Per74, Wil73]. **Isomorphism**
 [AT00, ABI97, AGvM⁺18, ABC⁺13, AF23,
 BES80, BWY15a, Boo78, CG07a, FFK96,
 Fis05, FM08, GQ17, GM15, GNS20,
 GNW23, IQ19, KT88, KR23, LS19, LRR17,
 LPPS17, MR510, STP94, Tor04, CK80,
 FS86a, Hsu95, Lub81]. **Isomorphisms**
 [BH77, MWY78]. **Isoperimetric** [KMS18].
Isoperimetric-type [KMS18]. **Isotropic**
 [BCG⁺21]. **Issue**
 [AGK⁺09, Bab06, DT08, FGKO08, GS06].
Issues [BLMW11, GKR05]. **Item** [DFL⁺22].
Items
 [CG18, RT89c, Rhe90, RT93, RT89d, RT89e].
Iterate [HHR11]. **Iterated**
 [CLS19, FLMS15, GG12]. **Iteration**
 [BEW80b, BÉ88, BEW80a]. **Iterations**
 [BI06, KY15, FSW87]. **Iterative** [BEW80b,
 Fri90a, FNR15, IM20, Sei77, Tra72]. **IV**
 [BST23, MSS18, Pul84].
J [BX92, BG96, CCG⁺97, 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, ST23]. **join** [FT83]. **Joins**
 [AGM13, Sag83]. **Joint** [LM94a]. **Jump**
 [Gre74, KST93]. **Juntas**

[FV16, GLM⁺16, KMR22].

Takeya [DW11, DKSS13b]. **Karp** [AS86]. **Katona** [OW13]. **Kautz** [GH97]. **Kernel** [CFKX07, DSSS08, SSSS11]. **Kernel-Based** [DSSS08, SSSS11]. **Kernelization** [CFKX07]. **Kernels** [FLST20]. **Kernighan** [Pap92]. **Key** [BBC⁺22, BH81b, CS03b, GS88, HNO⁺20, NS12]. **Key-Agreement** [HNO⁺20]. **Keys** [AFG⁺14, AIKW15, ALS22, DORS08, Sed77]. **Kinds** [Sky76]. **Kinetic** [AdBS10]. **Kings** [SSW03]. **Kinodynamic** [RW00]. **KKL** [OW13]. **Klee** [Gaz91a]. **Knapsack** [CK05, Jan10, MS04, SVV12]. **Knee** [JC91]. **Kneser** [Hav24]. **Knock** [JC91]. **Knock-Knee** [JC91]. **Knots** [LDRT24]. **Knowledge** [ACK⁺98, BDMP91, BCH⁺20, BJSW20, BG22, CKPR02, DDPY08, FLS99, GK96, GOP98, HNO⁺09, HvdMV04, IKOS09, KP04, PTW11, RW03, SZ00, Vad06, Wat09, GHY89, GMR89]. **Known** [AW21, CPP16]. **Knuth** [KN85, MMM22]. **Kolmogorov** [BL93, BLTV99, BFL02, Gli03, Kum96, LM08a, LV95]. **Komlós** [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** [CBGW13, CHKZ03]. **Lagarias** [Fri86b]. **Lagrangian** [ML00]. **Laguerre** [IIM85]. **Lake** [BKK⁺10]. **Lambda** [Rév85, Wad76, Wad78, vT04]. **Lambda-Calculus** [Wad76]. **Lambda-Conversion** [Rév85]. **Landscape** [Pät11]. **Langevin** [GJW24]. **Language** [BJM00, BGSW19, Cas99, CCKM13, Gre73, LV95, Lie03, Raj96, Rus77a, Rut90, SF90, FL83b, HC83]. **Languages** [AP72, BN99b, Boo72a, BNP74, BL93,

Boo94, DW82, DDPY08, DS76, GMN09, Gli03, Gra74, Gre74, HH72, HM81, HR78, Iga77, Imm87, Kos75, KKPV07, Lev76, LMPP15, LM94b, New02, PSW90, RS07, SS77a, Sky76, SZ76, WS78, aBC08, BCN81, BN78, CK87, Eng86, Har80, ORW85]. **Laplacian** [AdW22, MRSV21]. **Lapse** [DHPW99]. **Large** [Akk73, CHS12, CM22, FTV15, LSH05, Mor80, PST88]. **Larger** [JKN08]. **Largest** [CDL86]. **Latency** [ALMZ99, ALW08, AK03, FSS13, MI97, Sit21]. **lateness** [LS84]. **Latent** [ACKS15]. **Lattice** [AF01, Dye91, GMP05, HHKL21, HT98, LRS01, Mer02, MV13, PR99, Reg04, TV99]. **Lattices** [GTV21, HSW92, LS19, Mic04, Sco76, SOAD09, HRB87]. **Lawler** [Ano95]. **Laws** [Dev98, Dev02, HN02]. **Layered** [FFK⁺98, MR02]. **Laying** [HR92]. **Layout** [AKW00, DMW05, EGS03, BH87]. **Layouts** [EMSV12, HPT99, HP99b, LR86, SV00b]. **Lazy** [AHS92, Ann19, MSV87]. **LCA** [CH05]. **LCCs** [DGGW20]. **LCF** [Coh83]. **LDFS** [CDH13, DCH21]. **LDFS-Based** [CDH13, DCH21]. **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, KW93, SG04]. **Learned** [CGG01]. **Learning** [ABK⁺98, ABK⁺04, AGS21, BJS97, BS15, BV96, BGP⁺23, Blu94, BHH95, BGGM98, BJ99, BM02, Cas99, CK09, FOS08, FGKP09, FGRW12, FX15, FS92, GRS93, GKW20, GM92, GR09, HSW92, Hit07, JS05, KKMS08, KMMS22, KL93, Ko91, KM93, LV91, Maa97, Nat91, Nat92, Nat99, NSW11, OS07, Ser02, SSSS11, Sim97b]. **Least** [EKL10, Eve75, 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, SBI04, ORW85, Sri06].

Lemmas [EPR81]. **Lempel** [FNV13, KS00, KM99, LST99]. **Length** [AFG⁺14, BH03, CGS22, CJST07, DP94a, ET93, Efr12, Gab07, GG10, GLP75, Jac72, KPS94, Meh77, ML00, Szk99, Thu99, FMP82, Gab88, LY89, SW89, Vit88].

Lengths [AST76]. **Lens** [BDV21]. **Less** [Xia13]. **Letter** [GY96, GMY12]. **Level** [Juk06, MO74, CGJT80]. **level-oriented** [CGJT80]. **Levelability** [Wan92]. **levelable** [ORS86]. **Levels** [AdBMS98, AES99, Cha00, Mat91, Ko89].

Levin [TW14]. **Lexical** [Lub87].

Lexicographic [Hal08]. **Lexicographical** [Lie03]. **Lexicographically** [RH77, Rus78, ZR79]. **Lift** [BSS21].

Lift-and-Round [BSS21]. **Lifting** [CFK⁺21, GPW20]. **Light** [ES15]. **Lighter** [ES15]. **Lightweight** [KPX10]. **Like** [Pan00, PS12, Sav73]. **likelihood** [Hum89].

Limit [CPY89, Dev98, Dev02, HN02].

Limitations [CK17, Cyp93b, JS20, Kla84, Mis77, RS81].

Limited [ABK00, BNT98, BG98, BS03, BH75, CK14, HS03, LP94, Tót03]. **Limiting** [MP87, SW93]. **Limits** [AW21, AS16, Dru15, KS15, SMW07, VZ13].

Lin [Pap92]. **Lindenstrauss** [AC09]. **Line** [AS05a, AU72, Alb98, AGL99, BNFN01, BGLL99, BDD⁺07, BS82, CEG⁺93, DT96, FG98, FMR90, GW93a, GI93, Goo91, IL82b, KRS10a, KS95, LS98, LSH05, LL92, LRWY99, MM93, Mat91, PS91, RT93, SL96, SWW95, Tet99, The02, Tót03, ALM96, BFL06, CCG⁺97, CL91, Fre85, LMSPR01, MR80, MRK88, Rap89, SC79a]. **Linear** [AT77, AA_vK⁺13, AM96, ABS07, AKW90, AN93, AHLT99, AMS11, AO12, ANSS21, ABCP98, AK09, Bak78a, BEK14, BBR04, Bie90, BP90, Bod96, Bod21, BNP74, BN78, BEG⁺02, BKM⁺17, BGS07, BGWZ20, BDK00, BFNS15, BST95, BGK⁺08, Bür00b, BY98, CCK⁺17, Cha05, CCC⁺09, CCWZ18, CGR12, CL13, CHH02, CGV13, CGS22, CKS17, CW98, CDMI⁺16, CAdVdM21, CM94, CB81, CH03c, CPS85, COS99, DHH96, DHK11, DRT92, DS02, Dye84, DS00, EM03, EGS10, EiC17, EL86, FZ18, Fid85, GM91a, GMSV15, Gol08, GMY12, GMS81, Gra94, GS02, HSSS22, HKRT95, HN94, IK22b, Jai07, JO92, JP05, Kao93, KS93, KW00, KM97b, KM94a, KN08, KM13, Kle08, Knu19, KR07, KTZ15, KS13, KMP14, KM77, KZ20, LS18, LMM99, Li20, Lu14, Luc90, LMR90, MM02, Meg83a, MR08].

Linear [Nat95, NW06, PPR09, PSW90, PR93, PRS23, Pol95, PR94, RS10a, RS22, RR04, Reg96, RT82, RZ16, Sav74, Sch13, Sei77, SSSV01, SPLK98, ST13, SY80, Tar72, TZ12, TZ22, TSSW00, XLXJ09, Ye90, YY14, AS80, Bin84, BW79, CC82, FHK⁺88, Ili89b, KP82, KM89, Meg83b, Mil88, PS81, SW85, SWCP96, Sch78, Sha79, Shi79a, TY84, TY85].

Linear-Invariant [TZ22].

Linear-processor [Kao93, KS93].

Linear-Sized [AN93, LS18]. **Linear-Time** [Bie90, Bod96, BGK⁺08, CCC⁺09, DHH96, EGS10, GM91a, GMY12, KW00, KM94a, Kle08, KR07, Lu14, Sei77, Meg83a, KM89, SW85, SWCP96, TY84, TY85].

Linear/Polynomial [NW06]. **Linearity** [KLX10, GO80]. **Linearization** [GKV06].

Linearly [HL72, MPS⁺94]. **Lines** [AMS98, BDD⁺07, EOS86, KS03a, Pel94].

Linguistics [Maz76]. **Link** [BT05, CBGWW13, DTCR08, SWK09].

Linkage [KT96, LW98b]. **Linkages** [HJW84]. **Links** [CH03b]. **Liouville** [SSC85]. **Lipschitz** [JR13]. **List** [Alb98, BE17, CM22, CW07, CGV13, CV10, CS80, CV88, CPPW12, DHK⁺21, GW93a, GGM⁺15, GGR11, GLS⁺24, HRZW20, IJK09, KY10, KS13, KRZSW23, OH87, ST23, BD86, CCG⁺97]. **List-Decodability** [GLS⁺24]. **List-Decoding**

[DHK⁺21, IJK09, KS13, ST23].
List-Recoverability [GLS⁺24]. **Listing** [CN85, KK98, Rus81, Tro78, Sys81]. **Lists** [CGS99, HK87, KOT00, Wil76, BT80c].
Literal [BPP89, PB85]. **Little** [CKMS21].
Liu [BGP⁺23]. **LL** [LC05]. **LLL** [NS09].
Load [AKU05, AKK08, AHKL07, BNFN01, BFG⁺07, FGS12, GLM⁺99, MRW00, NW98, RS94b, BJR89, BKK⁺04]. **Loaded** [BCSV06]. **Local** [Aar06, AIK19, Ann19, App13, AL18, ALN⁺12, AGK⁺04, AST99, BFvRV15, BPP23, BG22, CGH13, CMM10, CV10, CAKM19, Coh16, CM16, DGL23, DF18, DGP07, FW14, FRS19, FRT93, GS17a, GLM⁺99, GKKS93, GS17b, GLLZ19, GL21, Har20, HV20, HRZW20, HRW20, HY20, JL77, KWY98, KKR06, KBP03, KMP⁺20, Kol18, KR05, KS13, KP04, Koz21, KLL17, LZ22a, LSV13, LLRS01, Lev76, LS10, Mes10, MR10, NS93, OPS04, PS77, Pol95, SS10, SY91, ST13, Sri06, Zha09, Jaf85, CKP19, CP19a]. **Locality** [AvMSS12, App13, ANSS21, CHPJ20, CKPT19, KP00b, Lin92, ST72, Vit88, IKP96].
Locality-Sensitive [CHPJ20].
Localization [GMR97, KMMT09].
Localized [AHKL07]. **Localizing** [DRW98].
Locally [AE15, AdBES14, BSGK⁺10, CGS22, DS07, Efr12, KY09, KM94b, Kre90, Mei09, NS95].
Locating [BH13, KM96, Pre79]. **Location** [ASS17, AGK⁺04, AMMW07, BA10, CP09, CN18, CG05, CJ92, CL21, CPT96, CS03a, EGS86, GT98, LP77, MYZ06, MTZC81, Pel96, Pre81, PT92, Sny92, TV91, Tho05, EKLS16, MS84, Pap81, PT89]. **Lock** [LPS20]. **Locking** [Pap83, Yan82, CRS87].
locks [Mit85]. **Log** [BCH86, BKPY18, JS05, KOR98, LMR90, Wil86, AM05, HM81].
Log-Depth [JS05]. **Log-logarithmic** [Wil86]. **Log-Logstar** [BKPY18].
Log-Space [KOR98]. **log-tape** [HM81].
Logarithm [Che05, LW88b]. **Logarithmic** [BADTS22, CV88, Dob21, EW03, EK05, GJLR97, LWY20, MRSV21, PD06, Rei86, Che86, Wil86]. **Logarithmically** [CKPR02].
Logarithms [GSY95, MW99a, Sho97].
Logic [BKT24, GM18, KMPHT14, KT15, Lad77, LFS00, LMPP15, MS07a, PST00, SOAD09, TT01, Car84, Gal84b, PCHM85, RL88, SPH84b]. **Logical** [Zim98]. **Logics** [AM13, EJ99]. **Logspace** [HU22, KKL11, Mac99, RY87]. **Logstar** [BKPY18]. **Long** [App13, BGH⁺15, GHH⁺17]. **Longest** [AdBS10, CGYZ06, FMS02, GG10, HSSS22, 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, GK10, SSSS11, VL00]. **Lossy** [PW11]. **Lottery** [CDO⁺22]. **Lovász** [BKM19, BGG18, BPS07, CGH13, FK03, GMPT10, HV20, Kol18, PS12, Sri06]. **Low** [ACKS15, AN19, Aga92, App13, BGK16, BEGL24, BN99a, BGL04, Cha05, CFK⁺21, CDK⁺20, DH13, DKM06b, FK00, FFKP18, FLM⁺22, GJW24, GHH⁺17, Hås88, HPM06, HPK13, HPQ17, KRS10b, KRY96, KP98, KM99, MR08, Pag01, SU09, SL94, Tom92, KS85]. **Low-Degree** [GJW24, 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]. **Low-Stretch** [BEGL24]. **Lower** [Aar06, ABP18, ASSS16, AGHT24, AG94b, AM05, AvMSS12, AARV21, ACHAH16, ACH10, Aza92, BBO22, BBGR08, BHK⁺19, BE98, BFL06, BC91, BPS07, BBI16, BB21, BAG01, BG92b, Bsh89, BKS15, BT20, BOBP⁺04, CW04, CR10, CR12, CG10, CEEP16, Cha98b, CFKX07, CR22, CLS19,

- CHPZ95, Cyp93a, DP94a, DvM06, DKM⁺94, EPA99, Elk06, EEST08, EGZ24, Eri99, EP98, FGLS14, FLMS15, Fre81, GR05, GG10, GG91, GMWW17, GadHW96, GJM98, GP18, GR21, GKS08, Gra90b, GT00, HHRS15, HS79, Hit07, HY20, HR03, JTT00, Joh88, Kam05, KRR94, KLSS17, KLL⁺15, Kla07a, Kla07b, KRT17, KMR22, KR09, KM98, KMRZ98, Kut02, Lan14, LM08a, LWY20, LP13, Mac97, MST91, McD88, Mul99, MW20, NH90, PY91, PD06, PT09, Pät11, Pau77, PR00, PVZ16]. **Lower** [PS12, Pon98, Ram94, RRSS09, RS03a, RSY08, RV01, RSZ02, San09, SWK09, SBI04, Sel96, Shp03, 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** [AHU76, ASSU81, SV88]. **Lowness** [BBS86a, BORW88, KHNS05]. **LP** [ASS17, Hal08, IWY16, KMR22, Kun81, LR21]. **LP-Based** [ASS17]. **LP-branching** [IWY16]. **LP-scheduling** [Kun81]. **LP-Type** [Hal08]. **LPs** [KRTV18]. **LPT** [Fri87a, GIS77]. **LPF** [KK86]. **Lubricant** [Ros82a]. **Lucas** [Kut02]. **Lucid** [AW76].
- Machine** [Ado77, Ann19, BGK20, Che93, CMS18, DH04, ELMS⁺12, GS02, KTW99, Maz76, QS06, SU05, ST00, IKM85]. **Machine-Independent** [GS02]. **Machines** [AST76, BSS21, BNGNS01, BAG01, Bis78, CLL08, CK13, CFW93a, CG97, DvM06, DKR96, FK90, Gil77, IJTW95, Ko91, KLL90, LP03, LL90, LL92, PY91, PR06, San75, Sch80, SWW95, SZ76, Sve11, Sve12, Vit85a, BN89, CR80, CDR86, DG84, GR85, IP87, KvLP88, MS87a, NHL82, Pri79, RY87, SV84, Vit85b]. **Macro** [EM03]. **Made** [DFKL20, PVZ16]. **Maintainable** [HW93]. **Maintaining** [Ber16, DGIM02, GI93, GGK16, HF98, HK01, LY13, 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, EÖW14, LR21]. **Making** [BGH⁺15, HMR18, KLN15, RA00, IR96]. **Malicious** [KL93]. **Malign** [Mil93]. **Malleable** [ADL18, LPS20, MRT07]. **Mal'tsev** [BD06]. **Management** [ACER22, AV03, EW12, KLM⁺04, LRWY99, BLS97]. **Managing** [AFG⁺14, Ros75a]. **Manhattan** [Szk99]. **Manin** [BGS07]. **Many** [AMS98, Ala14, CKPR02, CGL20, CK14, ECM03, EGS10, MPS⁺94, 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]. **Marriage** [Kav14, NH90, Gus87b]. **Marriages** [IL86]. **Martingales** [BHMO22]. **Mass** [CPW82]. **Massive** [FKSV02, PT07, ST13]. **Massively** [CC23]. **Match** [CH03a, CH06, Riv76, Sch04a, Bak78b]. **Matchgates** [CLX17, CF22]. **Matching** [AWY18, Abr87, AGM⁺11, ABK⁺04, ABF94, AALP06, AK11, BDG19, BGS15, BGS18, BGP⁺22, BHI18, BDL14, BG92b, BY98, BCC⁺13, CRS95, CC99, CKL⁺09, Che97, CT00, Col94, CHPZ95, CH97, CH02, CH03c, CGG⁺97, CGH⁺98, CLM⁺20, DGY11, DKS88, EV21, FGT21, FG98, FMR90, GS21a, GS21b, GS80, GP90, GG91, GG92, GPST92, GV05, Har20, Har09, KU99, 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

[BLMW11, May81, MR84, RD81].

Mathematics [ER80]. **Mating** [CCC+09].

Matrices

[BHPT24, BG95a, BG22, CCK+22, CGV13, Cop82, DKM06a, DKM06b, DKM06c, DPPR20, FJ84, GL80, Gia95, HM91, HC99, JV75, LCC90, Lov21, Lub87, Pan00, Pra75b, BC87, BG96, FJ90b, SL80]. **Matrix**

[ACIM99, AW21, AGKM16, AKOT03, BCG+21, BGP+22, BGG+23, BP98, BG95b, BDMI14, BW17, BRS98, BD76, BD78a, Bsh89, CLS19, CW82, Csa76, CL09, DNS81, DKM06a, DKM06b, DKM06c, FLMS15, GLPW16, Gie95, GGM+15, HKSS17, HS97, HM73, HS82, HS84, IKS10, Kal95, KLR21, LC89, Lan14, Lem75, LNW19, Pan80, PP95, Pro76, Ram96, Raz03, RS03a, Sch81b, SW19, She11, Shp03, Ata82, Ili89a, JM86, KB79, Rom82, Vel85]. **Matrix-Chain-Product**

[Ram96]. **Matroid**

[BFG23, CCPV11, DK14, FW14, GJ13, Har09, HL04a, Hli05, IK22b, JK82, LSV13, NSV94, Sot13, Cun86, FS89]. **Matroids**

[DK14, FSZ22]. **Matter** [KR02, SS12a].

MAX [Kar99b, AS10b, BFK+14, CHZ07, Coh95, EP09, GVY96, Häs14b, Pol95, Tre12, JKLS05, JKK06, JKN08, KKMO07, AR98b].

MAX-BISECTION [JKLS05]. **Max-Cut**

[Pol95, KKMO07]. **Max-Flow**

[Coh95, GVY96, AR98b]. **Max-Min**

[AS10b]. **Max-Not-** [Häs14b].

Max-Stretch [EP09]. **Maxima** [ABSD+98, CMS14, GKKS93, Kap00, LKS97].

Maximal [Akk73, BGS15, BGS18, Bsh90, CGM+22, Gar74, TIAS77, CHT93, GMG86, GS89, LLK80, Lub86]. **Maximally**

[AOS06, KLR19, QY21]. **Maximin** [LR89].

Maximization

[BFNS15, BFG23, CG10, CHK13, CVZ14, ESV20, FW14, KMZ18, Von13].

Maximizing

[CCPV11, Fei09, FMV11, GRS12].

Maximum [AOT89, AHS92, AA89, AMS11, AK97b, AI77, ACM+99, BY86, BX91, BKM+17, CC99, CH95, CHM96, CPPT24, mCL04, CFCH+00, EV21, FK03, FW98, Gav72b, GKK+18, GAOPL+21, Had75, Har20, Hsu85, IS79, IY23, KLST01, KMOV91, KLR03, LV22a, LP24, LS93, MI97, Mol04, PSWvZ17, TT77, WBZ13, YYI12, 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]. **MDS** [Lov21]. **Mean**

[AC82, DD81, KK86]. **Means** [ANFSW20,

AV09, Che09, CAKM19, FSS20, FRS19].

Measure [AKOT03, Bis78, BvMR+00,

BL02, Gaz91a, Lut90, LM94b, BCN81].

Measurement [SZ08]. **Measurements**

[GLPS12]. **Measures** [BL99, Cha03, GS88,

KK06, MR07a, Mil93, Pat13]. **Mechanical**

[RS03b]. **Mechanism** [BCGL17, BKV11,

CDW21, DD13, DR14, GKLV14, KLSvZ08].

Mechanisms

[Ala14, BSS14, Bar84, BN14, CDO+22,

DSS18, GRS12, JLTX20, JILZ22, FL83b].

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, Tre00]. **Mellin** [Pro92].

Membership [AdFM18, BM99, BCMW17,

GS07, GK10, HH91, JS81, Koz09, Loh06,

LP13, New02, Ogi95, VZ13, Huy86a].

Memoriam [Ano95]. **Memories**

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

[AV03, ACFW98, CadHS00, DGLV10,

GJMM00, 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]. **Merging** [BNL04, Fab77, FKS93, GGK92, HU73, HL72, Hwa80, Kon72, LM99, Lin84, Par77, Sed78, Tan78]. **Merlin** [CCM⁺19, KLN19, San09]. **Mersenne** [KY09]. **Mesh** [AKW00, BWY15b, CLLS96, HOS00, MV00, CSS90, NS80]. **mesh-connected** [NS80]. **Mesh-Free** [HOS00]. **Meshes** [BCH97, PPS00, Sib98]. **Meshing** [CD03, CDRR07]. **Message** [AG91, BNGNS00, CT90, CK96b, DIM97, FJ89, GK10, HK00, LAB01, FN80, FJ90a, GMR88]. **message-based** [FN80]. **Message-Driven** [DIM97]. **Message-Optimal** [CT90]. **Message-Passing** [CK96b]. **Messages** [BGKL03, BGRV98]. **Metabelian** [Cla89]. **Meters** [KBP03]. **Method** [ACP⁺24, AM04, AV09, AF23, BCS10, Ber97, Bra75, BLTV99, BHV99, CN18, Che92, CK93, DH20, DKSS13b, Fri90b, HNR08, KSV08, Mai79, MM93, MMR95, She11, Ver09, JM96b, WE80]. **Methodology** [HKL00]. **Methods** [ALMZ99, FRV10, Fri90a, GPST92, Gus90, HOS00, Jac72, KM97b, KLN15, DL80]. **Metric** [AFGN22, AFGN23, ACK⁺99, ALN⁺12, BM04a, BT80a, BA10, CDG⁺09, CFLY11, CMM10, Che09, CGV11, CN07, CS09, CS24, DMS24, EFN18, GZ05, HS97, IW22, KKMR09, MYZ06, MMP08]. **Metrical** [BCLL21, FM03]. **Metrics** [ABN15, ABF⁺99, AC11, AK97b, BTW00, CG12, CHJ18, CAKM19, FPP11, FRS19, HPM06, LW80]. **Migration** [AALR02, KKW04, KDA00, Wes94]. **Milner** [Dob05]. **Min** [AS10b, BFK⁺14, BBFT23, BADTS22, BGSW19, CHZ07, GVY96, Kho06, Rao09, CMST85, AR98b]. **Min** [GVY96]. **Min-Bisection** [Kho06]. **Min-Cut** [AR98b]. **Min-Entropy** [BADTS22, Rao09]. **Min-Max** [BFK⁺14, CHZ07]. **Min-Plus** [BGSW19]. **Minima** [BJK⁺94]. **Minimal** [ADS86, Blä04, BEG⁺02, BT01, CM87a, EG95, GJMM00, GK12b, HKRT95, JR93, KK98, KCV92, NP97, Ord89, OPR⁺84, RS78, Thu99, Alb85, KMR88b, dG83]. **Minimal-comparison** [RS78]. **Minimal-Cost** [OPR⁺84]. **Minimal-Time** [GK12b]. **Minimally** [JLL12]. **Minimax** [CKP86, KK85]. **Minimean** [Tan78]. **Minimization** [AZ07, CMS18, FGS85, HPK15, HW02, KC94, LM15, RS91c, Rot17, ST00, Spr02, LVW84, Tur86]. **Minimize** [AC82, DD81, GJ85, GKK⁺12, Li20, MRSG05, SL96, LS84]. **Minimizing** [AHM⁺08, AALR02, EKLS16, Iwa03, KTW99, Lar77, LY89, LP03, RU81, WW13, AK88, Sag83]. **Minimum** [AP72, AGvM⁺18, AMS11, AAZ16, ALW08, AK03, AABV98, BX91, BX92, BLNZ15, BBC⁺22, BT01, BTW00, BM99, BY98, CEFN23, CRT05, CX18, CLWZ04, CT76, CT00, CVV03, CV14, CT90, CDH13, CLP⁺19, CEF⁺05, CS09, DF18, DHR20, DRT92, DRW98, DCH21, EW03, Elk06, EP09, EÖW14, EiC17, FK02, FHL08, FH11, FKTV08, FV13, GHY89, GKP98, GW77, Gav72b, HKM08, HL04a, HL05a, HK01, HLCW91, HW95, HFWX24, IR78, KYN07, KM97a, KRY95, Ko91, KR02, Kou82, Lar89, LSW90, LPSPP05, MMS17, NSS00, OL74, PR00, PR02, Rei83, RLDL96, SV18, Sit21, Szk99, Tho97, Vai88, Vég16, WLB⁺99, YY14, ZS02, BéT89, Fre85, KIM81, KMZ87, LY89, Sha79, Shi79a, Shi80, SR83, SRP83, Tam87, Yao82]. **Minimum-Cost** [AAZ16, BY98, CVV03, CV14, Vég16, BéT89]. **Minimum-knowledge** [GHY89]. **Minimum-Size** [CT00]. **Minimum-Weight** [AABV98, CT90, GKP98, LPSPP05, PR00, RLDL96, YY14]. **Minmax** [ET93]. **Minor** [AGG⁺19, CK12, CAKM19, DHV22, EV21, FLM⁺22, KSS20]. **Minor-Closed** [CK12]. **Minor-Free** [AGG⁺19, CAKM19]. **Minors**

[BST23, GNW23, KSS20]. **Minsky** [She18a]. **Mirror** [BCLL21]. **Miss** [FP78]. **Missing** [CH03b]. **Mistake** [Blu94]. **Mistake-Bound** [Blu94]. **Mitotic** [JS08]. **Mixed** [ALRS98, DGH98, GGJT10, Gus87a]. **Mixing** [AJ22, BGG⁺19, CLV23, CDG⁺06, GMP05, Mor08]. **Mixture** [KSV08]. **Mixtures** [CK09, FOS08]. **Mobile** [AP06, CFPS12, CP08, FYO⁺15, SY92, SY99, SY06]. **Modal** [Lad77, MR96]. **Model** [Ald75, ÀBS04, BGL04, CLP16, CPV22, CKP19, CP19a, CGG01, DFSS08, DCdP98, EPA99, EHS⁺19, FP78, FKM⁺09, FG01, FRS⁺20, FW07, FY96, GSVY16, GPT00, GMR98, GadHW96, GJ13, GGL98, GR11a, GL13, GP04, Hal08, JC91, JS93, KRTV18, Lar14, LAB01, MM18, MMN14, Mul99, Nis94, OC75, PD06, RSZ02, Sot13, SH96, Szk99, VZ13, VC85, AB79, BC82, CKS85, Dob89, FN80, HT82b, Liu81, MR84]. **Model-Checking** [FG01]. **Modeling** [Kim97, KR78]. **Models** [ACG⁺05, BE98, BFKL21, Blu94, CKL⁺13, FVY21, GS73, GPV94, KSV08, Mol03, Wad76, Wad78, FRW88, GJ86, Mit85, adH86]. **Moderately** [RZ10]. **Modes** [HR93a]. **Modification** [Bra75, Sch80]. **Modifications** [DXSC94]. **Modular** [ABL00, BGG22, DL91, DKSS13a, GS07, Hås88, KU11, vzGS00]. **Modularity** [FFTC20]. **Module** [Bak86]. **Modules** [YS93, Har85]. **Modulo** [KN08, RS85a, Win80, JK86]. **Molecules** [GJ99]. **Moment** [Ber97, BCMW17, TZ12]. **Moments** [AM06, MM83]. **Monadic** [BMM21, FV98, LSSV08]. **Mondschein** [Sch16]. **Monoids** [BMPT97, Ros80, Ott86]. **Monomials** [FGKP09, FGRW12, Pip80]. **Monotone** [AS08b, BW05, BMM21, BEG⁺02, BEM10, CCPV11, CGS99, DDPY08, DR95a, EGS86, FV98, FW14, GH98, GM91c, GM92, OS07, OW13, RY96, Ros14, Yao88, FMV11, Fri86a, PT89, EGM03]. **Monotonic** [BHIK97, Epp90, MRT07]. **Monotonicity** [BB21, CS16, KMS18, SS10]. **Monte** [DKLR00, DKM06a, DKM06b, DKM06c, KKL⁺93, SS77b, SS78]. **Monte-Carlo** [KKL⁺93, SS77b, SS78]. **Moore** [AG86, Col94, GO80, Ryt80, Sch88, TU93]. **Morgan** [Hås98, KRT17]. **Morph** [AABC⁺17]. **Most** [CKP86, HMR18, MV13, AM05, LP83b]. **Mostly** [IL98]. **Motion** [AS90, AS97, BDL00, DFK⁺19, FG92, FHS96, HOS92, Pel96, Rei80, RW00, HW86, KRR94]. **motion-planning** [KRR94]. **move** [OH87]. **move-to-front** [OH87]. **move-to-rear** [OH87]. **Movement** [HJW84, MS87b, Sed78, HJW85]. **Movements** [CP08]. **Moving** [AHPY13, EKLS16]. **MPC** [CDP21]. **MPLS** [GKR05]. **MR** [BX92, BG96, CCG⁺97, Col93, Co081, FJ90b, HH80, HN79, Kad91, Lan91, Lon88, RS94a, SWCP96, Vai90]. **MSO** [EM03]. **MST** [MSVW16, MBCV98, Mit99]. **MSTs** [KR05]. **Multi** [ACBG⁺17, BSS14, CCRM86, DFL⁺22, GVY96, Got81, Shi79b, HITK79]. **Multi-Armed** [ACBG⁺17, BSS14]. **Multi-Item** [DFL⁺22]. **Multi-Pass** [CCRM86]. **Multi-Terminal** [Shi79b]. **multi-valued** [HITK79]. **Multi-Way** [Got81]. **Multiarmed** [ACBFS02]. **Multicast** [KK02]. **Multicasting** [BNGNS00]. **Multicommodity** [CKS13, CKRV15, EIS76, GK07, iKK18, MNS85, MNS86]. **multicomputers** [Vit88]. **MultiCovering** [HFWX24]. **Multicut** [BDT18, MR14]. **Multicuts** [CAAdVdM21]. **multidestination** [Jaf85]. **Multidimensional** [AFB96, BCS10, CK04a, DL76, Dye86, DS00, EvS05, GP83, Sei77, Cha88]. **Multiembedding** [BM04a]. **Multifit** [FL83c, Fri84]. **Multiflows** [Seb97]. **multigraphs** [GK82]. **Multihop**

[BYII93, CGK07]. **Multikey** [LATV17]. **Multilayered** [DGKR05]. **Multilevel** [Lav73]. **Multilinear** [AGKS15, CVZ14, CLS19, KMSV13, RSY08]. **Multiobjective** [GKLV14]. **Multiparty** [BPS07, BH12, CPV22, DF92, IKOS09, IKK⁺11, PVZ16, She16, BHMO22]. **Multiple** [BJS97, BNGNS01, BYII93, BKM⁺17, CCE13, CK05, DK15, FLS99, HLR96, HPZZ21, IY23, Jan10, KQT99, MN95, Muc76, YH90, HW86, KMST87, Wil86]. **Multiple-Access** [DK15]. **Multiple-Object** [KQT99]. **Multiple-Sink** [BKM⁺17]. **Multiple-Source** [BKM⁺17, CCE13]. **Multiplex** [ACKS15]. **Multiplication** [ACIM99, AW21, BGP⁺22, BEM10, BD76, BD78a, Bsh89, BK90, CLS19, CW82, Cop82, CL09, DKSS13a, DKM06a, Fat74, FLMS15, Für09, HM73, Kal95, Kam05, Kli79, Lan14, Pon98, Pro76, Sch81b, Sho92, Shp09, Win80, JM86, Rom82]. **Multiplications** [BD76, BD78a, Gro03, PS73, Rev75]. **Multiplications/Divisions** [Rev75]. **Multiplicative** [NR13, Har85]. **Multiplicities** [DKSS13b]. **Multiplicity** [BV96, KRZSW23]. **Multiplying** [Pra75b]. **Multiprocess** [LL00a]. **Multiprocessor** [CC07, CM01, CGJ78, GG75, GJ75, JP05, KS77, KDA00, LL95, LL00a, Sim83, Wes94, Kun81, LS84, SW89]. **Multiprocessors** [AF98, CLT05, DGBL00]. **Multiprogrammed** [GS73, Lav73]. **Multiprogramming** [Bas73, Bas76, Gav72a]. **Multiprover** [BOHP14]. **Multirate** [CR91, DGHK98, HHW05, LDHX99, MT89, NV03]. **multiset** [Nos82]. **Multisets** [MS76b]. **Multistage** [SS12b]. **Multiterminal** [DJP⁺94, GL87, Gus83, Shi80]. **Multithreaded** [BL98]. **Multitype** [ESY17]. **Multiuunit** [JLZ22]. **Multivalued** [CW94, DDR07, SOAD09, FT83, IK22a].

Multivariate

[BM02, GKS10, GKS90, HSS13, MPR03, RB91, Hya79, Kal85b, Len87, Pla80]. **Multiway** [BNS18, CHM13, LM94a, NZ01]. **Multiway-Cut** [BNS18]. **Multiwriter** [SWPL11]. **must** [HS85b]. **Mutual** [GM01, KMRZ98]. **Myopic** [IL98]. **n** [AM05]. **NAE** [GS17a]. **NAE-** [GS17a]. **name** [Hen80]. **Namespace** [ACHP19]. **Narrow** [Nor09]. **Nash** [Bar18, CG18, DGP09, DFM23, EY10, GR21, HK11, Rub18]. **National** [Bit82]. **Natural** [AGHT24, AS08a, BFG03, BG81b, Eps79, Sel88, Wil16, Gra88]. **Nature** [CV10, Sky76]. **Navigating** [BRS97]. **Navigation** [AWZ00, BC00, LL99]. **NC** [EV21, FGT21, FR94, Kao93, KS93, SPLK98]. **Near** [ABL09, AO12, ABCP98, BFKL21, BADTS22, BHNW23, BGP⁺23, BKM⁺17, BDMI14, BGK⁺18, BCG20, CCK⁺17, CAdVdM21, DKK⁺19a, FBL03, GKK⁺18, GHJY91, GR21, HKSS17, HSY22, JMP11, KMW75, KK00, KMMT09, MOP22, PT09, PR00, Rei99, Urq11, Yao94, BW79, RL88]. **Near-Linear** [AO12, ABCP98, BKM⁺17, CCK⁺17, CAdVdM21]. **Near-Logarithmic** [BADTS22]. **Near-Neighbor** [PT09]. **Near-Optimal** [ABL09, BFKL21, BHNW23, BGP⁺23, BDMI14, BGK⁺18, BCG20, GKK⁺18, GR21, HKSS17, HSY22, KMW75, KK00, Urq11, Yao94, BW79, RL88]. **Near-Optimally** [CCK⁺17]. **Near-Perfect** [FBL03]. **Near-Ramanujan** [MOP22]. **Near-Testable** [GHJY91]. **Near-Tight** [KMMT09, PR00]. **Near-Unanimity** [DKK⁺19a]. **Nearest** [AC09, AF03, CR10, CS24, HPK13, HT84a, KOR00, Liu22]. **Nearly** [ABC⁺13, BHK⁺19, BT20, CGS22, Fin20, Gie95, GKP04, GL17, KR07, Liu22, MRSV21, RS91b, SC79a, ST13, Yu22, HY88, RS91a].

Nearly-Linear [CGS22]. **Necessary** [PS73]. **Neciporuk** [Kla07b]. **Necklaces** [RS99]. **Need** [BDP23, Oya93]. **Needed** [Sim97b]. **Negation** [AM05, BNT98, Val86]. **Negation-Limited** [BNT98]. **Negations** [SW93]. **Negative** [AGHT24, Pra75b, MNS86]. **Negligible** [AK23]. **Neighbor** [AF03, CR10, CS24, HPK13, KOR00, PT09]. **Neighborhood** [ABCP98]. **Neighbors** [AKS14, AC09, Liu22]. **Nerves** [TT13]. **Nested** [Lan92]. **Net** [BDK00, RS10a, RS22, May84]. **Nets** [AES10, HPM06, Lie76, Maa97, OW13, GL87]. **Network** [ACKS15, AOST94, Alb09, AKU05, AZ04, AAZ16, ADK⁺08, BKN10, BD93, CEKP18, CFLY11, CHKS10, CRV10, CLL13, EGOS07, EL86, ET75, FGG08, FR06, FNR15, GT89, GK05, GJ19, GKR12, GMFB87, Gus90, JNS06, JR94, Kar99a, KSS08, Koc92, KKL04, KNPS24, LNSS09, LS13, LZ22b, LS75, LSS13, MMP08, MW88, PRS94, SS89a, ALM96, CM89, CR86, Gus83, KMZ87, Rei83]. **Networks** [AG91, AG94a, AL10, BNGNS00, BYII93, BNT98, BF94, BTW00, BHV99, Çam03, CPR11, CKRV15, CS19, CGK07, CR91, Coh95, CG07b, Cyp93a, CD18, De 10, DKKP99, DY75, DGHK98, DPPU88, ELRS03, FRS⁺20, FJ89, Gam03, GJM98, GK12b, HB94, HHW05, IS79, KBP03, KM08, KP04, KM98, LMS98b, LP98, LM99, LDHX99, MS99, MS08a, MT89, MR10, NR95, NV03, Ngo05, Nut10, Pio04, Pip91, RS94b, SW99, Sin97, SV00b, Tam98, TU81, TS81, Yao80, YY85, AKR95, EMC85, FSW87, FJ90a, GR85, HJ85, JM96b, MNS85, MR84, Ron82, SW85, SWCP96, Sch79]. **Neural** [Maa97, MW88]. **Neurones** [Ald75]. **Newton** [Fri90b]. **Next** [Mao93]. **Next-** [Mao93]. **NFA** [JR93]. **NGSM** [Iba78]. **Nice** [Che12, KY09]. **Nilpotency** [HJ90, Kar92]. **Ninth** [AKS09, BCAKT23, DKSS22]. **NNJAG** [EPA99]. **No** [BKN09, CHHKM17, CG01, CPPW12, BX92, BJR89, BG96, CCG⁺97, Col93, Co081, FJ90b, HH80, HN79, Kad91, Lan91, Lon88, RS94a, SWCP96, Tom82, Vai90, BDP23]. **Node** [AKW00, BHL18, Ben95, CV14, DTCR08, FNR15, HLP17, KD79, KNPS24, MR07b, Nut10, SSS91, Yan81a, KN05]. **Node-Capacitated** [KNPS24]. **Node-Connectivity** [FNR15]. **Node-Deletion** [KD79, Yan81a]. **Node-Disjoint** [AKW00]. **Node-weighted** [BHL18, HLP17]. **Node-Weights** [Nut10]. **Nodes** [Pro92]. **Noise** [BL21, BE17, DRST14, GR09, HLV18, KPS13, Nat99]. **Noise-Free** [Nat99]. **Noisy** [ABT24, BNT⁺19, DORS08, EP98, FRR⁺14, FRPU94, GKS08, Nat99, NSW11, PRS94, QY21]. **Noisy-Channel** [PRS94]. **Non** [ADL18, BP15, CPS16, FMV11, FW14, Hir23, LPS20, Hum89]. **Non-Black-Box** [BP15, CPS16, Hir23]. **non-context-free** [Hum89]. **Non-Interactive** [LPS20]. **Non-Malleable** [ADL18, LPS20]. **Non-monotone** [FMV11]. **Non-Oblivious** [FW14]. **Nonabelian** [MR12]. **Nonadaptive** [DK15, Gam03]. **Nonapproximability** [BGS98, KTW99]. **Nonblocking** [CR91, CG07b, GHKT12, HHW05, JTT00, MT89, Ngo05, RW05, ALM96]. **Noncanonical** [SW76]. **Noncommutative** [JM86, LTW18, MV75]. **Nonconvex** [ESV20, Maa86, VA00]. **noncounting** [CRGM81]. **Nondeterminism** [Bal85, BG98, BG93b, CC97, CIRRR16, DF92, HVV06, RA00, SB84, KF80]. **Nondeterministic** [CHPW98, Gef91, HS03, Imm88, Jay98, LH00, MW20, Sei77, Ven92, WM97, dW03, DöG84, Hen80, RS81]. **nonexclusive** [Mit85]. **Nonexpanding** [CSS09]. **Nonindependent** [Doe04]. **Noninduced** [DVW21]. **Noninteractive** [BDMP91, FLS99, GS12].

Nonisomorphism [KvM02]. **Nonlinear** [HS87]. **Nonlocal** [BVY22, QY21, SZ08]. **Nonmalleability** [GRRV21]. **Nonmalleable** [BADTS22, 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, DFKL20]. **nonsymmetric** [Kar79]. **Nontrivial** [CR22, Gra90b, Mal05, Gra88]. **Nontruthful** [AKSW22, DFL⁺22]. **Nonuniform** [CHK13, CHKS10, EHPR17, KR05, LMP02, Mol90, RW00]. **nonuniformly** [Wil85b]. **nonuniversal** [Pri79]. **Nonzero** [BW99]. **Norm** [AN06, DHR20]. **Normal** [AHM⁺08, Ben77, BG84, VL00, Ili89a, KB79]. **Normed** [DH92]. **Norms** [AKR18, BGG⁺23, LNW19, SZ08, BS92]. **Note** [APS74, BéT89, Bas72, CL77, DSR92, FR80, For79, Fre93, Fri93, Hav04, JS81, Jon87, Kle74, Kon72, Kur87, LS90, Rhe90, SWCP96, CCG⁺97, Pre79]. **Nothing** [CKS13, iKK18]. **notion** [MRS88]. **Notions** [PS02]. **Novel** [SJ05]. **Nowhere** [Jac90]. **NP** [Vid20, MS01, AGH17, BT06, BCMW17, Cha92a, CG01, DT97, FT83, FL94, GGG18, GJT76, GSSZ04, GPSS06, GPSZ08, Gra88, Gra90b, Gra94, GL17, Hås14b, Hol81a, Hol81b, KK11, KS85, KW98, KST93, KD79, LLK80, Lub81, Mor82, OW91, PS02, Rap89, SS81, SS05b, Vid16, WC90, Zim98, Zuc96]. **NP-Complete** [DT97, Gra94, KST93, GJT76, GPSS06, GPSZ08, KD79, SS05b, WC90, Zuc96, Gra88, Lub81, Rap89, SS81]. **NP-Completeness** [Hol81a, PS02, Hol81b]. **NP-hard** [Vid20, FL94, KK11, Vid16, AGH17, FT83]. **NP-Hardness** [GGG18, GL17, Hås14b, LLK80]. **NP-Pairs** [GSSZ04]. **NPDTOL** [CK87]. **Nucleation** [SW10]. **Number** [Aga92, AFB94, AGHT24, BFG⁺19, BOC92, BBS86b, BC76, Bra08, BS03, BD76, BD78a, CM13a, CFHM20, Chv77, CAAdVm21, CDG⁺06, DFP13, ERS20, FHKS02, FR06, Goo91, GPW18, Gro03, HSV07, HS03, KLR19, KY15, KS03a, Lan85, Lu14, Mal05, McD79, McI74, Mou90, NPSW23, NT05, NS93, PW04, PS73, PVZ16, RU81, Rao09, RT88, Rev75, SW06a, Sim97b, Tót03, Tun91, WP03, CG73, Fus88, Lan91, Len87, MT84, Nos82, SW79, Tam87]. **Number-in-Hand** [PVZ16]. **Numberings** [HB75, MWY78]. **Numbers** [BMS86, Bac88, BCGW93, CK00, FLS04, KY09, Rup00, HJLS89, HH79, HH80, HJLS14]. **Numeric** [BC03]. **Numerical** [ABF⁺99, ABKPM09, GMN09, KW00, Mil75]. **Numerically** [LMM99]. **NV** [Oya93]. **NV-sequentiality** [Oya93]. **O-Efficient** [MZ08]. **Obfuscation** [AS16, BP15, BCG⁺18, BDV21, GGH⁺16, KMN⁺22, SW21]. **Object** [CvdM00, HOS92, KQT99, Rut90, HW86]. **Object-Oriented** [Rut90]. **Object-Preserving** [CvdM00]. **Objectives** [Vég16]. **Objects** [AdBES14, ACHAH16, CIRRR16, Efr05, EHS12, GGN10, YR92, dBG08, ZR79]. **Oblivious** [AKP24, ABD⁺07, BDFC05, Cha94, FMS05, FW14, FYO⁺15, GM98b, GR11b, HHMW17, ISK⁺12, Moi13, NP06, PU90, SS90]. **Observations** [Boo91, BMS13, Fre78, Sti90, Huy86b]. **Observing** [LSV07]. **Obstacles** [CKT00, HSY22, KM00, YLW95, Pro88]. **Obstructions** [MS08b]. **Obtaining** [GRS06]. **Occam** [Nat99]. **Occur** [ASSS16]. **Occur-** [ASSS16]. **Occurrence** [KST93].

Odd [CH87, DV00, Eri99, FR80, Sed78].
Odd-Even [FR80, Sed78]. **Odlyzko** [Fri86b]. **Off** [AKW00, LY13, PU90, AB79, Elk06]. **offline** [IM83]. **Offs** [Ben89, Vai89b, BBI16, BN20, FN99, VW85b]. **Oftentimes** [BFS06]. **Old** [CKT99, DW11, EGK⁺14]. **On-Line** [Alb98, BNFN01, BGLL99, DT96, FGR98, GW93a, GI93, KS95, LS98, LL92, LRWY99, MM93, RT93, SL96, SSW95, Tet99, ALM96, BFL06, LMSPR01, CCG⁺97, CL91, Fre85, MR80]. **Once** [BCG20, BHH95, BC98, DZ97, GKS93, GM91c, Pon98]. **One** [AS08a, App13, BYJK08, Bis78, BCPR16, BH75, CM13a, CPS16, Dye86, ECM03, EV21, GKK⁺09, GL13, HILL99, HNO⁺09, HRV13, HO14, IL82b, IJ87, IJ91, IQ19, JDU⁺74, Kar92, Kla07b, KMN⁺22, KST93, KSS20, LL90, NS22, YI83, Bak78b, ĎG84, HT82a, HM81, MS87a]. **One-Centre** [Dye86]. **One-Counter** [GL13]. **One-Crossing-Minor-Free** [EV21]. **One-Dimensional** [Kar92, JDU⁺74]. **One-Reversal** [IJ91]. **One-Sided** [AS08a, KSS20]. **One-Tape** [Bis78, LL90]. **One-Variable** [NS22]. **One-Way** [App13, BYJK08, BCPR16, CPS16, GKK⁺09, HNO⁺09, HRV13, HO14, IJ87, Kla07b, KMN⁺22, HILL99, HM81]. **Ones** [ABH98, CLWZ04, ES15, LL90, AHMP87, NS80, Vel85, JKN08]. **Online** [Alb99, AAA⁺09, AFG⁺14, AIKW15, BBGR08, BC00, BM04b, BKS15, CEKP18, Cha03, CLT05, CFK⁺07, CMS18, CLL19, CJST07, DH04, EHM⁺12, EN16, EÖW14, EvS05, FSZ21, FKK⁺08, GPT00, GGK16, GKR12, HLP17, HKSS17, Hit07, HL05b, IMP14, IKKP19, KRTV18, KMZ18, KLS⁺24, MSVW16, MP03, MRSG05, RC03, SvSE03]. **Only** [LL99]. **Open** [AC82]. **Operation** [MST91, BEW80a, Blu86]. **Operations** [AR98a, BP90, KB76, Mul99, Pan80, TV99, AW96, BJR89, FL83b, OH87]. **Operator** [BGS07, CRGM81, KLR21, LMPP15]. **Opt** [BHZ23, CKT99, BKK⁺04]. **Optical** [BFL06, GJLR97, GJM98, GMR99]. **Optical-Communication** [GJLR97]. **Optima** [Cha03]. **Optimal** [ABW18, AAK⁺12, ABL09, AV03, ABD⁺07, ABD⁺05, AMMW07, ANSS21, AHR96, AIS08, ACK⁺98, BR79, BNL04, Bas73, Bas76, BST23, BCR18, BFKL21, BKS92, BAFN99, BMKM07, BDMT98, BHNW23, BGP⁺23, BW79, BH98, Bol81, BN00, BFvRV15, BDMI14, BW17, BGK⁺18, BCG20, BN14, BFSU98, BMRV02, BT20, BCGR92, BA10, CK17, CR10, CR12, Cha91, CN18, CCK⁺22, CHPJ22, CRS95, Cha92b, CKLW01, CGV11, CP12, CDO⁺22, CR86, CT90, mCL04, CFW93a, CDK⁺11, CV88, CSSS89, CGH⁺98, CPP16, DKLR00, DGV05, DHK11, DLV98, DKR96, DHM12, DS00, EGS86, EvS05, EHJM00, FM97, FV16, FG98, FS20, FK15, FKK⁺08, FGLS14, FY96, Gar74, GSV99, Gaz91b, GL80, GKK⁺18, Gie95, GKKS93, GR21, Got81, GL17, Gus87a, HCD89, HF98, HSS13, HKSS17, HKL00, HM95, HS99, HSY22]. **Optimal** [HP98, Hol73, Hol74, HZ20, Hwa80, IKL⁺04, IW22, Ita76, JáJ79, JMP11, JR94, KQT99, KKMS11, KU99, KMW75, Ked85, KKMO07, KK00, Kir83, KšdW07, KRT03, KS95, Kre90, KV98, Lar87, LP83a, LL95, LL00a, LL00b, LRS17, LY05, Liu22, LS93, Lou83, LL92, Lu14, Mal05, MS76a, MPS92, MR01a, MPRS79, MO12, Moi16, NR95, NN14, NN17, NS22, Oht76, ORS86, PP08, PSW90, Par77, PU89a, PR02, Pio04, RR89, RT90, RS92, RS94a, RS91b, RT89c, RT89d, RT89e, Rhe90, SV95, SS11a, SW99, STU97, Sho92, Smi76, SR97, Urq11, VV17, Vit85a, YHC87, Yao94, Yu22, Zav77, Zel88, AB96, BH87, 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, KMZ87, Zha95]. **Optimally**

[AA18, CCK⁺17, HT17, NGM97].

Optimistic [FMS05]. **Optimization**

[AFB96, AU72, ABL09, ABT24, BH18, BV06, CvdM00, CFW93b, CCC⁺13, DFKL20, GJW24, Gär95, GKL13, GKL14, GPRS11, Iba73, KM97b, KS97, KY15, Lue81, MS92, OPS04, PR99, Ron82, SS12b, Wei80, YYI12, Zim98, ASSU81, HS87, KP82, Ros82b, SS89b]. **Optimized** [IJKW10].

Optimizing

[CBH84, GMN09, GLPS12, JK83].

Optimum [EMC85, Hos75, Hu74, LP94,

MYSH77, TB84, VC85, AMS84]. **Oracle**

[BG81a, BHIK97, BJ99, DLM22, DHV22, FFK96, Lut93]. **Oracles**

[DTCR08, DP20, FHOS97, Gas87, HV20,

Mer01, PR14, Lon85, Lon88]. **Order**

[AKP24, AdBMS98, ABI97, BP93b, CFJ⁺10,

CBCG05, Coo74, FR75, Gab77, GM09,

HHW98, KRTV18, KMPHT14, KM94b,

KMZ18, KKPV07, LNSS09, LSSV08, PST00,

PVV98, PH97, RS07, YHC87, Yao89, Car84,

Gra84]. **Ordered**

[BN82, BST95, BCL75, FT88, GHSZ08,

HL72, KM95, MPR22, PY79, Kni88].

Ordering [BRS98, GM79, GHM⁺11,

MMSA93, Oht76, Opa79, 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, Rut90, CGJT80, Gol81].

Orienteering [BCK⁺07, CHP08].

Orthogonal [BCR80, DLV98, HST05,

KRSV08, Lem75, MW99b, Mor06, Vai89b,

Wil85a, Gol81, SL80]. **Orthogonally**

[BRV18]. **Other** [Aga92, BH77, BGK⁺08,

CRZ22, DY10, DORS08, EY10, FL94, GK07,

HM73, KKMO07, MV75, Pat13, Sit21,

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].

P} [MS01, KR88, Rub91]. **P-RAM** [KR88].

PAC [GR17, Ser02]. **Package** [DFG13].

Packet [AS05b, AFHB⁺00, AH08, BMIM07,

CKMP95, CKL98, CG94, Gam03, PRS94,

TU81, TS81]. **Packets**

[BSH94a, EW12, VCJS22]. **Packing**

[BX91, BBGR08, BCS10, BHI⁺13, CK04a,

CKL⁺09, CGJ78, CGJ83, EHM⁺12, EHPR17,

EvS05, EL08, FL86, GPT00, GK07, IL98,

JDU⁺74, KRTV18, KY15, LC90, MW99b,

NPSW23, Rhe90, RT93, Rot16, SvSE03,

Sri99, Ste97, BS83, BX92, CGJT80, CL89,

FK88, Gol81, Mao93, Mur87, RT89d, RT89e].

Packing-Covering [KY15]. **Packings**

[BCR80, BI06, GLS⁺24, Kel06]. **Padded**

[AGG⁺19, HK87]. **Padé** [CC86, LC89].

Page [CK93, ST72, Wes94]. **Page-Fault**

[CK93]. **Paged** [MO74]. **Paging**

[BGV00, KPR00, KL00, Smi76, IKP96].

Paintings [HLP17]. **Pair**

[GZ05, GRSS98, Pel94, Sha85]. **Pairing**

[BF03b, HST11]. **Pairs**

[CL77, Cha10, COS99, DHZ00, GSSZ04,

Gus90, HKN16, JáJ79, KKP93, LY13, RZ12,

Wil18, BK10b, MT87]. **Panorama** [HZZ24].

Paper [AI77]. **Papert** [She18a]. **Parallel**

[ABK00, AAK90, ALMZ99, ABR90,

AALM90, Ara86, AC78, AES10, AH08,

Aza92, BSH94a, BS76, BVY22, BV93, Bin84,

BP93a, BG95a, Bis78, BH98, BS03, BG92b,

BC98, BCGR92, Che93, CDTT95, CV88,

Col88, Col93, CK91, CSW98, CC23,

CGG⁺97, CGH⁺98, Csa76, CK96b, CLM⁺20,

DL91, DNS81, DGBL00, DKR96, Dow90,

DKS88, DS00, Ebe89, Fin20, FS81, Gaz91b,

GGK92, GMR98, GM98b, GPST92, GJLR97,

Goo91, Goo99, GKS90, HCD89, HH81, Hai13,

HS02, HT98, HSV05, Imm89, JS82, JC91, JT10, KMR87, Kao95, KLP96, KMV92, KK00, KSS93, KR88, Kle96, KM75, LP95, LMM99, LP03, Mac97, MPS92, Mil72, MR91, MT99, MN01, Mul99, MS90, NNS89, NSV94, Nis94, PSW90, PR93, PP95, Pan00, PY90, PY91, PR02, QS06, RY96, Ram96, Rao11]. **Parallel** [Raz98, Raz11, RT88, RS92, Rut90, Sch04b, SWW95, Sky76, Smi86, Sni85, Sti90, TV91, TV85, Tsa92, UY91, VTL82, Val82, WC92, YHC87, adHW87, vzG84, vzG87, AA88, AHMP87, AB96, ACG89, AV87, BOFKT88, BJR89, BN89, BG96, BG90, CKT93, CDR86, EMC85, FLST86, FRW88, GS89, Hag90, HY88, Hya79, KS91, Lub86, MC87, MRK88, NS80, RR89, Rei84, RS94a, Rei85, SW85, SWCP96, SJ81, SV84, TC84, VSB83, VT89, VW85b, adH86, vzG86]. **Parallelism** [CD17, Mak97, Val75]. **parallelization** [SV88]. **Parallels** [HR78]. **Parameter** [CCK⁺20, CHM13, CLP⁺19, DDR11, FBGSV15, FG01, Hav24, LPPS17, MR14, VHPT09, WBZ13, DF95]. **Parameterizations** [FGLS10]. **Parameterized** [Bak97, BM14, CCK⁺22, CG07a, CL19, CHM13, FG04, FV13, FGLS14, FLM⁺22, Jan10, KST99b, LDRT24, LMS18, MR14, MPP22]. **Parameters** [Epp03, OS11, WM97]. **Parametric** [AM93, CFKX07, GGT89]. **Parametrized** [DFVW99, Hli05]. **paramodulation** [Sta80]. **Parentheses** [MR01b]. **Parenthesized** [MMN14]. **Pareto** [DY10, MO12]. **Parities** [FGKP09]. **Parity** [CJK⁺22, EWS05, GLV13, Häs14a, IK22b, JPZ08]. **Parser** [ABW18, AP72, PSW90]. **Parsers** [AU73]. **Parsing** [Raj96, SW76]. **Part** [MR91, SPH84b, CV88, CMS97, CMSS00, Col00, HPT99, HP99b, HS82, HS84, RS91b]. **Partial** [ACK⁺98, Bro79, CFJ⁺10, CH03a, CH06, Chi77, DCV90, Ger76, HF98, HR03, KW95, KT77, Pur78, Riv76, Sch04a, Sch81b, Yao85a, Yao89, Meh82, Pla80]. **Partially** [BN82, BWY15a, BCL75, MiHI99]. **Partite** [BCC⁺09]. **Partition** [CC99, CPPW12, GGJT10, GJ13, GPW18, KS03b, PT87a, PR17, Cun86, Hol81b]. **Partitioned** [VL00]. **Partitioning** [AAEZ21, AEZ20, BFK⁺14, BHK09, BNS18, BP92, ENRS99, FMS10, HRW20, Joh88, Kel06, KM77, KLL17, LLRS01, PSZ17, ST13, YDEP89, CR86]. **Partitions** [AS98, AGMV00, GGM⁺15, HST05, Hos75, SW06a, Töt03, Töt08, WW75, Wil76, Cha84, FL83a]. **parts** [ACGS88]. **Party** [HT17, HNO⁺20, SV08]. **Pass** [AKL21, CK09, CCRM86, KLM⁺17, Alb85]. **Pass-Efficient** [CK09]. **Passes** [RU81]. **Passing** [CK96b, LAB01]. **Passive** [Pio04]. **patching** [Kar79]. **Path** [AFGN22, AFGN23, BJM00, BH03, BCM⁺15, BST95, BGK⁺08, CL77, CKT00, CKL⁺09, CDH13, DP94a, DCH21, Fre76, FSS13, Gol08, GI80, HP99a, HS97, HY87, KKP93, KPS94, MTZC81, Meh77, Ned99, PR05, SS05a, SCY00, SV00b, TVZ22, YLW95, ALM96, Blo83, GS87, MT87, Yao85b]. **Path-Evaluation** [BGK⁺08]. **Paths** [AW01, ABL⁺02, AKW00, ACIM99, BK10b, BFKL21, Ber16, BH19, BF03a, BSW14, BFU94, BFSU98, CCE13, Cha10, CKS09, CHW13, CNVW08, CNVW10, CJ14, CPT96, CKN22, DY10, DHZ00, DFJ98, EN19, Epp98, Fri02, Gab07, GS21b, GKL13, Gol95, GR16, HC99, HKN16, HKN21, HS99, HSY22, HW95, IPS82, IY23, KKP93, KL15, KMV92, MS92, MW95, Mou90, NT05, RZ10, Rod10, RZ12, Sch98a, SS86a, Sha87, Spi73, SP75, VA00, Wil18, WZ15, dVE10, Coh98, Fed87, KS91, MT84, Pro81, Sch94]. **Pathwidth** [KS96a]. **Patience** [AMRU22]. **Patricia** [NS08]. **Pattern** [ABF94, BCC⁺13, CH03c, CGH⁺98, DVW21, Dun73, FLM⁺22, FYO⁺15, KU99, KMP77, SRR95, She11, Vis91, FL83b, Liu81, Yao79]. **Patterns** [CDK⁺20, DVW21, MS07a, SY99, SY06]. **Pauli** [BL21]. **PCA** [FSS20]. **PCP**

[DGKR05, DR06, GL23, GS00]. **PCPs** [BGS98, BSGH⁺06, BSS08, BHPT24, DH13, IKW12, ST09a]. **PDA** [Gre74]. **PDL** [SPH84b]. **Pebble** [KAI79, VT89]. **Pebbled** [Dev99]. **Pebbling** [GLT80, HP10]. **Pedigree** [XLXJ09]. **Pedigrees** [CCC⁺09]. **Peeling** [CCK⁺17]. **Per-Packet** [AFHB⁺00]. **Perceptron** [CBCG05, DSSS08, Ser02]. **Perfect** [AFB94, AJ22, ABT21, BMS86, BBD⁺86, BC22, BN00, CRS95, CFSZ02, DDPY08, DKM⁺94, EV21, FGT21, FBL03, GKK13, HR73, JW21, KW97, KM08, Kle74, Mic04, PPSS04, RSZ02, KMN⁺22]. **Perfect-Information** [BN00]. **Perfectly** [KLN15]. **Perfectness** [HW04]. **Performance** [AS05b, AZ04, AF98, BC00, Che92, CGJT80, CH82a, EW03, Fra91, GS17a, Gol81, HT84b, JDU⁺74, Koc92, LL00a, Nic88, PVG04, Ste97, BD86, LP83b, Mao93, Tur86, Yao85b]. **Performing** [CSW98, DHW98]. **perimeter** [KMR88b]. **Periodic** [BKT24, HW95, SSY82, YI83]. **Periodically** [MHSR98]. **Periodicity** [AB98]. **Permanent** [AG94b, BŠVV08, IST12, JS89b, KKL⁺93, MR12]. **Permutation** [BFP89, KKM84, KMMS06, RLDL96, Spi85, vzG91, BLS97, MC87, Ron82]. **Permutations** [AB94, CSW98, KST99a, RKS12, Vio20, LR88b]. **Permuter** [Ram84, Car79]. **Permuting** [FMP95]. **Persistent** [BNMSS98, KOT00]. **Perspective** [KPS94, Wil00]. **Persuasion** [DX21]. **Persuasively** [DSS90]. **Perturbation** [BL16]. **Petal** [AN19]. **Petal-Decompositions** [AN19]. **Petri** [Lie76, May84]. **Pez** [GKR05]. **Phase** [HN02]. **Phenomena** [HTC13]. **Phrase** [KS00]. **Phylogenetic** [CJL03, JNS06, JLL12, LSS13, SY12]. **Phylogenies** [KW97]. **Phylogeny** [AFB94, AC11, FBL03, PPSS04]. **Physical** [CK17, SMW07, Sel96]. **Picture** [OL74]. **Piecewise** [AAvK⁺13, GMSV15]. **Piecewise-Linear** [AAvK⁺13, GMSV15]. **Pigeonhole** [BOBP⁺04]. **Pin** [Cyp93b]. **Pipe** [KKM84]. **pipeline** [PST88]. **pipelines** [Gab88]. **Pivot** [GMSV15]. **PL** [Ogi98, SPH84b]. **Place** [BCN⁺20, FMP95]. **Placement** [BRS08, CW75, JR94, KMW75, KBP03, LP83a]. **Placements** [Pel94]. **Plain** [CLP16, CPV22]. **Plan** [He99]. **Planar** [AABC⁺17, AI77, AMMW07, BFG⁺19, BKM⁺17, BP92, CM13a, CLX17, CF22, CN18, CL13, CKS09, CHH02, CHK03, CJ92, CL21, CPT96, CFHM20, CDTT95, DR95a, DFP13, FW98, FT06, FLM⁺22, FJ89, GJT76, GSV99, GKM⁺21, Had75, HCD89, Hag90, HP00a, HP00b, He93, HMRS98, IS79, JKLS05, Kao95, iKK18, Kir83, KS86, Kle08, LP77, Lic82, LT80, Liu22, LRS01, MZ08, MPP22, MNS86, MS92, MN95, NS07, Ned99, Pre81, RY96, Seb97, SPLK98, Smi86, TV91, Vad01, Ver05, BH87, BM88, CHT93, CNS82, CB81, Fed87, GB82, HJ85, HY88, HL96, Kao93, KS93, MNS85, MY91, Mye85, Pre79, Pro86, Rei83, RLWW97, Sch94, Sha85, Shi80, Sys81]. **Planarity** [BDMT98, CM13a, DT96, GT01, JS82]. **Plane** [AOS06, AdBES14, ABSD⁺98, BGS20, BP00, CKT00, FHH⁺93, FHS96, He99, HM95, HS99, HSY22, IST12, MBCV98, O'R86, ACM84b, LD81]. **Planes** [BEGJ00]. **Planning** [AS90, AS97, BDL00, DFK⁺19, FG92, FHS96, HOS92, Pel96, RW00, YS93, HW86, KRR94]. **Plans** [AGM13]. **Planted** [BHK⁺19, FPV18]. **Player** [Meh18, Vid16, Vid20]. **Playing** [KKL09]. **Plottable** [Bra08]. **Plural** [WM97]. **Plus** [BGSW19, HLV18]. **Point** [AMMW07, CP09, CN18, CJ92, CL21, CPT96, Cla88, DHR20, EGS86, EKL10, FW98, Fil19, GPST92, GT98, HOS00, KS96b, Kap00, KRS10b, LP77, Pel96, Pre81, PT92, Rei99, TV91, VVYZ07, PT89]. **Pointed** [BEW80b, BKPS06, MD73].

Pointing [BFKV11]. **Points**

[AdBS19, AHPY13, ASU75, CEG⁺94, Dye91, EY10, GKL13, GKS93, JB90, KKN15, KKMS11, LM08b, MS91, OL74, Sny92, SOAD09, vKLM10, vzGSS03, Pre79].

Policies [CKR72, FKT17, Gam03, Yan82].

Poly [LMR90]. **Poly-Log** [LMR90]. **Pólya** [BFKV11]. **Polygon**

[ABL⁺02, CW98, HIKK01, KKMS11, KM00, Kei85, MS91, Ram94, Wil82, TV88b, TV88a].

Polygonal [Mit99, SY92]. **Polygons**

[BDIG85, GHK91, IST12, IS90, ES88].

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

Polyhedral

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

Polyhedron [AS97, DF88, Mou90, VA00].

Polylog [BSS08, BRS98]. **Polylogarithmic**

[Baz09, Coh21, FK02, GHH⁺17, SS17].

Polymatroidal [CKRV15]. **Polymorphic**

[BPWY99, Dob89]. **Polynomial**

[AAEZ21, AFB94, ADG⁺11, AM01, AI77, AEZ20, BL04, BBR98, BGK16, BS15, BB21, BGGS20, BG92a, BP93a, BG95a, BP98, BH19, Boo72a, Boo79, BHIK97, BGS07, BGG22, BS92, BCC⁺13, CKM⁺14, CW04, CK96a, CK05, CM01, CS07, Chi76, CPPT24, CMST85, CGG01, CPPW12, DKK⁺19a, DFM23, DS94, DRST14, DvM06, DPV15, DHR97, DS07, Ebe89, EJS05, EKL10, ESY17, Fat74, FBL03, FLN⁺15, FPS16, Fu95, GH92, GM98a, GLT80, GLLON18, GJ13, GJ14, Gop08, GKS90, GJ19, HJLS89, Had75, HPQ17, HL04a, HNOS96, HHH98, Iba74, IKS10, IQ19, Jai07, JKLS05, JR20, JS93, Kal85b, Kam05, KB79, Kar99a, KM97b, KU11, KPV14, KS94, Kli79, KvM02, Kou77, Kur87, KOR98, Lad89, LR88a, LS95, LS02, LT91, MVW04, MZ13, Mit99, MPR03, MRR15, NP06, NSS00].

Polynomial [NS93, NW06, OS07, Ogi95, OW91, Pan94, PR17, PB85, RT92, Rei99, Rev75, RH78, Rub91, Sel78, Sho97, Sit21, SVV12, Tod91, TO92, Tze92, Val02, Vég16,

Wal98, Wan92, Wan98, Win80, WLB⁺99, AS80, BOFKT88, BG96, CJK⁺22, Dub90, FG82, GG86, GB82, Hel84, HS88, Hor87, Huỳ86a, Iwa89, Kad88, Kad91, KF80, Ko89, LLK80, Liu81, Meg83b, Pla78, RY87, Tom82, Ukk83, WT79, Yes83, HJLS14].

Polynomial-Expansion [HPQ17].

Polynomial-Space [Iba74].

Polynomial-Time [AFB94, BL04, BHIK97, CKM⁺14, CW04, DFM23, DvM06, EJS05, FBL03, GJ13, GJ19, JS93, KvM02, LS02, Mit99, Ogi95, OW91, PR17, Sho97, SVV12, Tod91, TO92, Tze92, Wan98, WLB⁺99, Kal85b, Hor87, KF80, LLK80, Yes83].

Polynomially

[Boo78, Leu98, Rao09, ORS86].

Polynomials

[ASU75, BCGW93, BSK12, BCR16, BV10, BC76, BK90, BM02, Cus98, Duv91, EKR01, Fri90b, GJW24, Gan95, GKS10, Gro03, HSS13, HS75, IQ19, Kal93, KW93, KR06, Lan85, Lip78, Man95, PR17, PS73, Ris85, RB91, RS96, She20, Str74, Win80, vzG91, DL80, Hya79, KMS83, Lan91, Len87, Loo83, Pla80, PA79, PA80, Ren89, SS86b, VSBR83].

Polyphase [Zav77]. **polytime** [MW20].

Polytope

[AAOS97, AdFM18, DHR20, KLR19].

Polytopes

[BCMW17, GJW18, GTV21, LV22b, Ver09].

Popular [AWY18, AIKM07, LMS98b].

Popularity [Kav14]. **Poset** [Fri93]. **Posets**

[DKM⁺11]. **Position**

[BCF⁺14, CGMO14, MR80].

Position-Based [BCF⁺14, CGMO14].

Positioning [CDK⁺20]. **Positive**

[AK09, BBR04, BKN09, BHIK97, CJM⁺06, EKL10, MI97, SXB83, Spi73]. **Possible**

[Meh77]. **Postman** [Jac90]. **Postnikov**

[CKM⁺14]. **Postorder** [Luc90]. **Potatoes**

[CCK⁺17]. **Potential** [AM04, EKLS16].

Potentials [Seb97]. **Potts** [GSVY16].

Power

[ABK⁺06, AS16, AIS08, Aur87, Bar84,

BW05, BG81b, BN10, BCH⁺20, BGKS12, BGWZ20, BT80b, CC97, CCH98, CI98, Cas99, CFGM16, CEEP16, CHPW98, CG97, DW82, DD13, EÖW14, GS17b, GGK16, GL21, HHR11, HHMW17, IJ91, Kal93, KTZ15, KDA00, KS17b, KS19, LSV13, LLV92, LFS00, Maa97, MGHK09, MSVW16, Mer01, MRRS07, MRRT08, Per74, Pra75b, RS03b, She18c, Sim97a, TZ17].

Power-Down [AIS08]. **Powerdomain** [Plo76]. **Powerful** [CLL08, LC05]. **powering** [PA79, PA80]. **Powerless** [Val86]. **Powers** [Fat74, HS75, Pip80, Yao76, vzG87]. **PP** [Tod91]. **PPAD** [Meh18]. **PPAD-hard** [Meh18]. **PPSZ** [Her14]. **Practical** [CS03b, Gol08]. **Practice** [HP00a]. **PRAM** [GMR98, KNP99, vzGS00]. **PRAMs** [DS00, HS02, HB94, Kut91, Nis91]. **Precedence** [Ado77, GL95, HL05b, LR21, LS97, LMPP15, MSS04, PT87b, QS06, SU05, Sve11, CRGM81, HCAL89]. **Precise** [Nor89, Pri79]. **Precisely** [CLX17]. **Precision** [CKS17, SCY00, BS86]. **Precision-Sensitive** [SCY00]. **Precoloring** [CSZ24b, CSZ24a]. **preconditioning** [Zel88]. **Predicates** [Wra78]. **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, BP90, GY96, KLP96, Rei72, CW83]. **preflow** [CM89]. **Preprocessing** [AST99, FH11, KPV14, vKLM10, Ryt80]. **Presburger** [Che76, IL81, NP22]. **Presence** [BPWY99, BE17, DPVR12, DHW98, GR15, KL93]. **present** [Ott86]. **Preservation** [ADG08, Ben77, Dur10]. **Preservers** [AB24, Bod21]. **Preserving** [BH81a, Bol76, CvdM00, DPPR20, LL78, PP95, Ros75b]. **Price** [ADG⁺11, ADK⁺08, AAE13, BBM13, BUV18, CGGS19, FRGH⁺23]. **Pricing** [BK11, CHK13, CGV11, CDO⁺22, DFKL20, GR16]. **Primal** [ANFSW20, Ezr16, GKPS08, JV08, KRTV18, KR05, RV98]. **Primal-Dual** [ANFSW20, GKPS08, KR05, RV98]. **Primality** [Leh82, SS77b, SS78, AL82]. **Prime** [HSS13, KY09, Pra75a, Sho97]. **Primitive** [BN99a, RC79]. **Primitives** [CK17, HZ77]. **Principle** [KL72]. **Principles** [BOBP⁺04, DGGM24]. **Printability** [Rub91]. **Printable** [FGLM98, AR88]. **Priori** [SS95]. **Priorities** [BP10]. **Prioritized** [EFN18]. **Priority** [ABD⁺07, AB94, CGS99, GR85, McC85, Tho00]. **Privacy** [ABT24, BBR88, BUV18, CRS14, DLWZ14, GRS12, JR13, NTZ16, Ull16]. **Private** [BCNW09, BHMO22, BN14, CGGK95, EGOS07, FX15, GR02, GR05, HHR⁺16, KMMS22, KKMO00, 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, SPH84a, Tze92, AL88, CG88, CL89, HS85b, MRS88, Pap81, Rei84]. **Probabilities** [ESY17, GHK96, Jac72, LW86]. **Probability** [BG81a, CRS15, NN93, PB83a, Tho18, UY91, HT82a]. **Probable** [FK03, LP83b, Tur86]. **Probably** [CPP16, Nat91, Nat92]. **Probe** [CR10, FN93, PD06, Pät11, PH97, Vio12a, Kni88, SS90]. **Probing** [ES88, PPR09, TZ12]. **Problem** [AA18, AKK⁺09, AT77, AFB94, ACK⁺99, AT00, AOT89, Alb98, AAA⁺09, AZ07, AGL99, AIGT94, ALW08, ACM⁺99, AKL21, ABH98, AF23, ACBFS02, Bak86, BBGR08, BHI⁺13, BYGMR98, BHK⁺19, BGK16, BKHL00, BB95, BGKS12, BKK⁺10, BHZ23, BNS18, BvMR⁺00, BKS15, BA10, yCLZ00, CKR04, CL77, Cha89, CHJ18, CKT99,

CK05, CKS13, CC99, CLWZ04, CHP08, CL19, CLL19, Che05, Che12, Chi77, CGK07, CS03a, CPPT24, mCL04, CDDS89, CFW93b, CFCH+00, CDH13, CGGR16, CPPW12, Dav86, DFHS08, DH92, DCH21, Dye86, DR13, EK05, Elk06, EGH07, ENZ00, FL12, FMS02, FR06, FZ18, FSZ22, FMRT96, Fre93, Fre76, FKR95, GM91a, GS17a, GGG18, GJT76, Gaz91a, GLT80, Gol95, GRSS08, GM18, GKS08, Gra90b, GR16, GMM09, GMR97, GS07, HRTS03, Hal02, HL04a, HL05a, HW02]. **Problem** [HL87, HIKK01, ISK+12, Jan10, JR20, Joh88, Kar99a, Kar92, KMW75, KM94a, Kav14, KS98, iKK18, KKR06, KPV14, KMV92, KSS93, KMP+20, KPST94, KLR03, KMMT09, KR07, Koz09, KC94, Kup05, LS02, LWV21, LSS+21, LT82, LS93, LN06, MM18, MSS07, Mal05, MPP22, MNR90, MMM22, MP03, Mic04, MMP87, MBCV98, MW99b, NZ01, NSS00, NH90, NV03, NSH+08, OS11, OR21, Opa79, PS77, Pap92, PR99, PU89b, PSWvZ17, RY96, Ram94, Ram96, RRSS09, Rey77, RW03, Rod10, RC03, S en05, SSSV01, SS05b, Sit14, Sot13, SSY90, SSS91, SW94, TN95, TB84, TV22, Wal79, Wan99, WZ21, Yao78, YR80, AKR95, AKPW95, AL88, BLR80, Bit82, Blu86, CHT93, CV85, CF86, CNS82, CMST85, CK80, CP84, CK87, ES91, FG82, Fri86b, GS89, GB82]. **problem** [Gra88, Gur82, GS87, Gus88b, Hal75, HT82a, Ham83, Hu 86a, Iba78, IL82a, Kar79, KK86, LVW84, Lub86, MT84, May84, MNA88, Mye85, Pap81, RLWW97, RSL77, SCH92, SRP83, VV89, Vel85, VR89, AW97]. **Problems** [ANIM96, AGvM+18, AALM90, AHP08, AK03, AGK+04, Asa87, BRS08, BCS10, BGNV18, BNL03, BJM00, BFL06, BK16, BP20, BHL18, BCH86, BCNW09, BS00, B VV08, BD93, BG93a, BJKP05, BKRS00, BMPP19, BT06, Boo78, BCHS94, BEG+02, BGWZ20, BGG22, BDK00, BK11, BGK+08, CLX11, CRZ22, CM99, CM13b, Cha98a, CRS95, CG05, CEG+93, CK04a, CS18, CVY19, Che97, CCH+16, CN06, CO82, CM16, DGV05, DISW13, DFG13, DY10, DL76, DFVW99, Dun73, DHHM06, DS00, EG95, EvS05, Eri99, ET76, EIS76, ES22, FT88, FH06, FPV18, FSZ21, FG04, FGLS14, FHK78, FS07b, FSS13, GT89, GJW24, GH92, GK07, G r95, GK12a, GHSZ08, GJK+22, GW95, GPST92, GK12b, Gra94, GS02, GS17b, GLV13, GPRS11, HS85a, Har09, Hav24, HU75, HLCW91, Hon82, HJW84, HMRS98]. **Problems** [HR03, Iba73, IJ94, IKS10, IS90, JKP20, JR93, JR94, JL95b, KST99b, KS96b, KAI79, KPR+13, KH83, KKL04, Kou77, KD79, Lad89, Lev86, LW18, Loh06, LMS18, Lut95, LZ00, MS10, MYZ06, MHSR98, Mar99, MNS10, Mar08, MT78, MTZC81, MT83, MS92, MV13, Mit99, MS97, Mol03, MS07b, MR07b, MS01, PT09, QS06, RR04, Reg04, RS92, Sah74, SY91, Sel96, Set75, SSW94, Sit21, SH96, Sub94, The02, Val75, Val79, V g16, Vin04, Von13, WLL08, Wei80, WWW87, YLW95, Yan81b, Yan81a, YYY12, Zim98, Zuc96, vDHI06, vzG84, AK88, BS83, BCD+89a, BCD+89b, CSY87, FJ81, FS89, Fri87b, FK89, GHY89, Gus87b, HITK79, Hoc82, Hol81b, Hsu95, Hu 86b, IA86, KS96a, KP82, Lag85, LW88a, Lub81, Lue81, MC87, Meg83a, MS84]. **problems** [Pla78, RS94a, Ros82b, RY87, SJ81, SS81, Sha85, SH85, SS89b, TC84, Yao82, ZS89]. **Procedure** [DS02, FR75, KN85]. **Procedures** [BKPS02, PS12]. **process** [PCHM85, SPH84b]. **Processes** [Ace94, BDP02, ESY17, FPP11, GL13, Hen88, Tra72, BKO88]. **Processing** [RH93, BW79, Mit85]. **Processor** [AM96, Bas73, Bas76, BS03, BH75, CKL98, GK99, GJ77, GS73, GJ86, HM87, KMV92, LS98, Tsa92, AW96, BD81, CL79, Fri84, Kao93, KS93, MM83, SC79a, VV89]. **Processor-Ring** [CKL98]. **Processor-shared** [GJ86]. **Processors** [CS80, Dob84, FL83c, GM98a, GIS77,

Goo91, Mal05, MS90, Set76, Fri87a, Gab88, HS88, KMZ87, VSBR83]. **Product** [BATS11, BGSW19, BCM99, FOS08, IJK09, IJKW10, IKW12, KSdW07, Ram96, Raz03, RS03a, She12, She18b, Shp03]. **Production** [CFJ⁺10]. **Productions** [Yao89]. **Productivity** [Wan92]. **Products** [GGR11, GV19, HLV18, HS82, HS84, MV75, NRS99, RS10c, SW19, TT01]. **Profile** [KC94, KLL17, LS97, LST99]. **Profiles** [PHNS09]. **Program** [AM75, BGS72, Cha76, CD72, Co078, Mil72, OC75, RT82, RS96, YY14, AM80, Co081, HT82b, HCS80, Wey79]. **Programmable** [SW10, RL88]. **Programming** [AM96, ABL09, ACFW98, BBR04, BGWZ20, Cha05, CCWZ18, CCK⁺22, DHK11, DS00, FT97, JS20, KTZ15, Li89, Li20, LMR90, MWY78, MR99, SPLK98, Sri06, TSSW00, Ye90, Meg83a, Meg83b, PS81, Ros82b]. **Programs** [AU72, AW76, AK09, BW05, BCG⁺18, BDFP86, BRRY14, BCG20, CL94, CLD73, Che92, Che76, CS05, EJ99, FS81, HR93b, HN94, IL82b, Mar99, Mis77, New02, NW06, Pol95, Pon98, RV98, Rei14, Sag88, SPH84a, Sri99, SOAD09, Car84, CI83, Dye84, HS85b, HR86, IL82a, PS81]. **Projection** [Rao11]. **projections** [vzGS98]. **Projective** [FSS20, Ye90]. **Promise** [BGWZ20, BG21, CZ23, KOWZ23]. **Proof** [ACG⁺16, ABSRW04, BMM21, BEGJ00, BDP02, BJSW20, Col00, DGGM24, DR06, DT97, Ger76, GK96, Gol98, GS12, HV20, Lov21, MPR22, FN80, GMR89, GO80]. **Proofs** [AGHT24, AAE⁺23, AFRV19, AF23, BPU92, BOHP14, FLS99, HT15, IKOS09, KvM02, KLN15, LTW18, Mic00, Nor09, RRR21, SV10, Wil16, vMS05, GHY89]. **Proper** [DHH96, HSS01, KST99b, KS96a]. **Properties** [Aar03, AKP24, AS08a, AFNS09, ALN⁺12, Aur87, BV06, BSHR05, Ben77, CKS02, CK12, CC83, CP05, CSS09, FN07, FR24, GPSS06, HR93b, HL14, HHN04, HJ90, KSS20, Lie76, MWY78, McI74, TZ22, Tri94, Val11, Wad76, Yao88, Zim98, BORW88, CGH⁺88, FL83b, Gal84a, Rom82]. **Property** [AS08b, Bis78, BFNRO8, CS05, DRTV18, FPS16, GR11a, HK07, HW04, JK82, NS13, CRGM81]. **Property-Testing** [HK07]. **Prophet** [DFKL20]. **Proportion** [Che01]. **Propositional** [ABSRW02, ABSRW04, CZ06, Lad77, LTW18]. **Prospects** [Mis77]. **Protecting** [FRR⁺14]. **Protection** [Kao97]. **Protein** [FW07]. **Protocol** [FM97, HT17, Hav04, MW99a, MS17]. **Protocols** [BTY94, CRV10, CK96b, DIM97, FK00, GJKP04, HLR96, HIK⁺11, HHRS15, HNO⁺20, HHL18, KLL⁺15, KLR10, PR08b, PTW11, SV00a, CR86, JKS84, Wil86]. **Prouhet** [GGG18]. **Provability** [Lad77]. **Provably** [AGKM16, Bak86, CK01, KW00, SC79b]. **Prover** [FK00, VV17]. **Provers** [BOHP14, KRT10]. **Proving** [AW76, Bra75, CW04, CLD73, EGZ24, GS00, GKM83, MP87, Pet83]. **Proximity** [AKP24, BSGH⁺06, Bol76, CGM⁺22, GR11b, HPK14, HPK15, LPT98, Rie99, Rie02, Ros75b]. **Proximity-Oblivious** [AKP24, GR11b]. **Pseudo** [AS05a, BBS86b, BCG20, LS16]. **Pseudo-Approximation** [LS16]. **Pseudo-distributions** [BCG20]. **Pseudo-Line** [AS05a]. **Pseudo-Random** [BBS86b]. **Pseudodisks** [CHW13, MRR15]. **PseudoPolynomial** [BGK20]. **Pseudorandom** [ABSRW04, App13, BV10, BRRY14, BCG20, GKL93, GMRZ13, HILL99, HRV13, HU22, Lut93, MZ13, NRR02, RT88, Vio07, Zuc19, BM84, LR88b]. **Pseudorandomness** [GKM18]. **Pseudotriangulations** [BKPS06]. **PSPACE** [HP10, MHSR98, Mei13]. **PSPACE-Completeness** [HP10]. **PSPACE-Hard** [MHSR98]. **PTAS** [CHJ18, CK13, FRS19, GR16, HFWX24, Kho06]. **Public**

- [BBR88, CS03b, GS88, NS12, PTW11, SZ00]. **Public-Coin** [PTW11]. **Public-Key** [CS03b, GS88, NS12]. **Puiseux** [Mur90]. **Puiseux-Series** [Mur90]. **Pumping** [EPR81, Var97]. **Pure** [BPP89, JS20, PB85]. **Purely** [Fri90a]. **push** [CM89]. **Pushdown** [BGS72, CC83, LLS84, Ram84, Rei72, Car79, RH78]. **Putnam** [BKPS02]. **Puzzles** [LPS20, Maz76]. **Pyramid** [MS87b].
- Q** [SJ05]. **Q-Heaps** [SJ05]. **QMA** [BJSW20, BG22, GK12a, GN16]. **QMA-Complete** [GK12a]. **QMA-Hardness** [BG22]. **QoS** [KLM⁺04]. **Quadratic** [ET93, NS09, Sag83, TW14, Lic87, Lic89, PST88]. **Quadrees** [CH03a, LM12, DL90]. **Quality** [BP10, CD03, EW12, MV00]. **Quantified** [BC10, Che08, CD16]. **Quantile** [GM09]. **Quantitative** [BLS84, FKKN11].
- Quantum** [Aar06, AD14, AA18, Aar20, ADH97, AvDK⁺07, ATS07, ABO08, AE15, ACG⁺16, Amb07, ACR⁺10, Amb16, AdW22, AL10, ABP19, AGS21, Bac21, BYJK08, BBD⁺97, BOHP14, BBBV97, BV97, BJKP05, BNT⁺19, BGK⁺18, BG22, BP02, BJ99, BDH⁺05, BFNR08, BCF⁺14, CK17, CK12, CKS17, DFSS08, DPVR12, Dru15, DS02, DHHM06, FIM⁺14, GKRDW09, GKK⁺09, GL23, GN16, HHKL21, HRTS03, KY10, Kla07a, KŠdW07, KLN15, KLN19, Kup05, LM08a, MSS07, MNRS11, Mah20, Mah22, MS08a, MN01, MRRS07, MRŠ10, Reg04, RT10, Rei14, RV01, SG04, She12, SZ08, Sho97, Sim97a, TS11, Val02, Vaz97, Wat09, Zha09, dW03, vDHI06, vDMMS07, vT04].
- Quartet** [SY12]. **Quasi** [ACOH⁺10, BS00, BY98, CJK⁺22, CPPT24, FGT21, Fre78, IM20, JR20, MW20, MRR15]. **Quasi-Convex** [BY98]. **Quasi-Gray** [Fre78]. **Quasi-NC** [FGT21]. **Quasi-Polynomial** [CPPT24, JR20, MRR15, CJK⁺22].
- 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, CH06, Cla88, CHKZ03, CH05, DS07, Eri00, FH11, Fu95, GKV06, GS17b, HPK13, HHH05, KKPV07, LPT98, Liu22, Mer01, PVV98, Sch04a, Ull16, Vai89b, Wan24, Wil85a, YDEP89, Bol81, CBH84, JK83].
- Query** [Aar03, ABP19, AGM13, BSS08, CFK⁺21, Cha86, CVY19, CGS22, CK12, DW82, DH13, DHHM06, Efr12, GPW20, Gop08, GHRU13, HHW98, HY20, IKW12, KSS20, LM08a, MRS18, Pag01, Rei14, She12, Wag90, dW03]. **Query-Answering** [Cha86]. **Query-Efficient** [Gop08]. **Query-to-Communication** [CFK⁺21, GPW20]. **Querying** [CNVW10]. **Question** [BGS75]. **questions** [Wey79].
- Queue** [ABD⁺07, BFG⁺19, Bro78, DFP13, GMR98, HPT99, HP99b, LLV92, PS91, PR06]. **Queue-Read** [GMR98]. **Queue-Write** [GMR98]. **Queued** [HSV05]. **Queueing** [BGL04, Gam03, Lav73, LS75, MSV87, CRS87]. **Queues** [AB94, BST95, CGS99, HR92, MS99, Tho00, HR87]. **Queuing** [ÀBS04, Kon75, KR78, LPSR04]. **Quick** [Tho05]. **Quickest** [FS07a]. **Quickselect** [MR01a]. **Quicksort** [HN02, MR01a, Sed77]. **Quiescent** [ACT00]. **Quittable** [GHKT12]. **Quorum** [MRW00, NW98]. **Quotas** [RRW01].
- Rabbit** [HPK14]. **Rabin** [ACGS88]. **Radicals** [Lan92]. **Radii** [GKK⁺12, GHK91, VVYZ07]. **Radio** [BYII93, CGK07, CD18, De 10, KP04,

KM98]. **Radius** [Mic04, ST23]. **Radon** [Bra98]. **RAM** [BCG⁺18, KR88, Mor06, Tho00]. **Ramanujan** [BSS12, BATS11, MSS18, MOP22]. **Ramsey** [Coh21]. **Random** [AM06, ART09, ABL09, ABS07, ABK⁺06, AK97a, ACRT99, App13, AL18, BES80, Bac88, BKM19, BAG01, BG81a, BLR⁺15, BBS86b, Boo94, BMS13, BFSU98, Bro79, BLTV99, CRRZ24, Cha00, CM13b, CGV13, CH03a, CH06, CO10, COF14, CFLS97, DF18, DR95c, DR95b, Dev98, Dev99, Dev02, DN04, DKM09, DKR96, Fei06, FF93, FPV18, FSW87, Fri90b, FGK05, FMM11, FGRV14, GM01, GGGY21, GS17a, GJW24, GW17, Gil98, GKP04, GGN10, GM09, GHM⁺11, HTC13, JS05, KL15, KRTV18, KHNS05, KS13, KMZ18, KSS20, LL92, Mac97, Mer01, Mol03, MS07b, MS04, NS93, PY91, RT89c, Rhe90, RT93, Ros14, SV08, Sch87, Sch90, Sie04, Sot13, SZ99, SZ76, Tam98, Ver09, Wal79, Wei80, Wor87, CDR86, DL90, Fri87b, Fus88, GG86, HC83, IP87]. **random** [KvLP88, Lue81, Meh82, RT89d, RT89e, SV84, VV89, 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, CI98, CR10, CKP19, CKL⁺09, CDO⁺22, CH95, Che97, CCH⁺16, Cla88, CGG⁺97, DvM06, Doe04, Dot10, DR14, Gaz91b, GKKS93, GRSS98, HHR11, Kar99a, Kur87, KMRZ98, LM08a, LMSPR01, Mac97, Man95, MRS18, NSV94, PS97, PR02, RS92, RS94b, SW99, Wes94, Zha09, AAG⁺89, AA88, KRR94, RR89, RS94a, Zha95]. **Randomizing** [BG93a]. **Randomly** [AH11, GJ99]. **Randomness** [ACOH⁺10, BIW06, BEG17, BT00, CRS95, CK00, DHN02, DSY10, GR05, GS06, KS01, MS17, NS93, PU90, RSW06, SU09, Wan98, CG88, Huÿ86b]. **Randomness-Optimal** [CRS95]. **Range** [AMS13, AS10a, BCM99, Cha00, FH11, KRSV08, Lar14, Mor06, NS08, PT07, SS11b, Vai89b, Wil85a, YDEP89]. **Range-Efficient** [PT07]. **Rank** [Bsh90, CM22, DKM06b, HST11, HiO08, Lan14, Meh18, Moi16, RS10b, SS11a, BC87, ERV81, dG83]. **Rank-Decompositions** [HiO08]. **Rank-Pairing** [HST11]. **Ranking** [AH89, BN99a, CCWZ18, CV88, FW76, FJ84, GS91, GLW82, Li86, Tro78, Wil76, FJ90b]. **Ranks** [AL83, PRS97]. **Rapid** [CLV23, Cop82, Ros80, Bak78b]. **Rapidly** [CDG⁺06]. **Rate** [ABO08, AIKW15, FMS05, HRZW20, LS75]. **Rate-based** [FMS05]. **Rates** [BGL04, CK93, FK00, SS89b]. **Ratio** [BD97, BLN01, BHZ23, FKK⁺08, GW93a, HKK⁺07, Hum89, Mes10, TV20, CCG⁺97]. **Rational** [BCGW93, Che89, GKS94, KW93, KK77, PW04, RS91c, Str74, WP03, BS86, BCN81, Gal84a, Gal84b, HH79, HH80, Kal85a, Loo83, vzG86]. **Ratios** [FP78]. **Ray** [Aga92, AM93, AS96, CPT96, ES22, MS97, Wan24, dBG08]. **Ray-Shooting** [Wan24]. **Rays** [IST12, ES88, MD73]. **Razor** [Nat99]. **Reachability** [AB24, BCR18, CHKZ03, Fin20, RZ08, RZ16, May84]. **Reaching** [Hie10]. **Read** [ABK⁺98, BCG20, BHH95, BC98, DZ97, FW90, GMR98, GKS93, GM91c, Pon98]. **Read-** [ABK⁺98]. **Read-Once** [BCG20, BHH95, BC98, DZ97, GKS93, GM91c, Pon98]. **Readies** [BKO88]. **Ready** [DD81]. **Real** [BNGNS01, BP98, Bra08, CG97, CK94, EGH07, FR75, HHKL21, HJLS14, HH72, Hoo90, KS95, KDA00, PR05, Ren92, Ris85, BOFKT88, HJLS89]. **Real-Time** [BNGNS01, HH72, KS95, KDA00]. **Real-Weighted** [PR05]. **Real-World** [EGH07]. **realistic** [AHMP87]. **Realization**

[Gel75a, Gel75b]. **Realizations** [Hen92].
Realize [Che76]. **Reals**
 [KM13, KHNS05, PVV98]. **rear** [OH87].
Rearrangeability [Çam03, LDHX99].
Rearrangeable [DGHK98, NV03, Ngo05].
Rearrangement [AHK⁺10a, PB83b].
Rearrangements [BP96]. **Reasoning**
 [HvdMV04, IISI05]. **Reassignment**
 [DDMM05]. **Recognition**
 [BHIK97, CCKM13, CPS85, FT88, Iba74,
 Kos75, MSZ11, VTL82, Hsu95].
Recognizable [WS78]. **Recognize** [aBC08].
Recognizing
 [CFSZ02, FS86a, FGK05, HSS01, HM99,
 JO92, KMMS06, MMN14, KM89].
Recombinant [XLXJ09]. **Recombinations**
 [CCC⁺09]. **Recommendation** [DFG13].
Reconfiguring [CMS97, DFK⁺19].
Reconstructing [ALRS98, FHK⁺88,
 GKS10, SY12, WW06, XLXJ09].
Reconstruction
 [AM01, BDMI14, BMS13, EMS03, JR13,
 KPS13, KW95, PW04, SS10, WP03].
Record [ER80]. **Recourse** [MSVW16].
Recoverability [GLS⁺24]. **Recoverable**
 [KLR19]. **Recovery**
 [Ara86, CK01, GLPS12, HRZW20].
Rectangle [BJK⁺94, CDL86, KMR88b].
Rectangles [AGMV00, AES10, GLM⁺16,
 KMR22, Tót08, KMR88b]. **Rectangular**
 [AB98, BHPT24, Cop82, EMSV12, He93,
 Kun93]. **Rectilinear** [CKT00, GT01,
 GAOPL⁺21, SS05b, VW85a, YLW95, YS93].
Recurrence [GJMM00, HN02, LR89].
Recurrences
 [BGS07, Fid85, KLS⁺24, LR88a].
Recursion [HR86, SMSR75]. **Recursions**
 [BN99a]. **Recursive**
 [BV93, Car84, DS76, KS01, Muc76, Pro81,
 SP82, Ver97, AM80, HR86, RD81, RS83].
Recursively [Kum96]. **Red** [AS90].
Red-Blue [AS90]. **Reduce**
 [AH08, TY84, TY85]. **Reduces** [BHL95].
Reducibilities [GH92, Mer02, Yes83].

Reducibility
 [AHOW92, CSV84, FF93, HU72, HS95,
 KKMO00, KPR⁺13, OW91, Sel78].
Reducible
 [BK88, Boo94, Fu95, Sel88, Sol76, Sha79].
Reducing
 [CK00, CKR72, DH92, HW86, TVZ22].
Reduction
 [AGU72, BKS92, BADTS22, BGA23, CP19b,
 EWS05, HT98, KRS12, KS15, Wad78].
Reductions [BG93a, BT06, DR14, Hir23,
 LZ00, LL78, MR07a, Moi13, Kal85b, Ukk83].
Reducts [BMPP19]. **Redundancy**
 [CDK⁺20, Pag01]. **Redundant**
 [BSGK⁺10, XLXJ09]. **Reed**
 [CW07, GGG18, GLS⁺24, KRZSW23, ST23].
Reference [FP78, ST72, IKP96]. **Refined**
 [GSVY16]. **Refinement**
 [CD03, MvV92, PT87a]. **Refinements**
 [BEGJ00, KL72]. **Refining** [KF80].
Reflexive [Vik03]. **Regime**
 [BKM19, GLLZ19, HL14]. **Region**
 [EHS⁺19, Lar77, SY92, Bol81]. **Regions**
 [BH13, CNVW08, CNVW10, CK95, ELRS03,
 MS92, HJW85, KM96]. **Register**
 [CW94, FP86, RS85a, Set75]. **Registers**
 [BOC92, SWPL11]. **Regression**
 [CDMI⁺16, DDH⁺09]. **Regular**
 [BKM19, BN99b, BRRY14, CT99, DK14,
 EPR81, GW17, GGM12, GGM11, GKK13,
 Goe93, GJ13, HY87, HR78, Iwa93, KT15,
 Lev76, MNS10, MW95, Urq11, Vad01, Var97,
 aBC08, Bab80, PCHM85, SH85].
Regularity [AFNS09, ACOH⁺10, CR00,
 FPS16, GGM11, HNR08, KRT03]. **Reingold**
 [Car79]. **Rejection** [Per74, Wil73]. **Related**
 [AGvM⁺18, AALM90, AHP08, BGNV18,
 BCH86, BD93, CKS02, CW75, CRS95,
 CEG⁺93, CS18, CK13, DS00, EG95, ES22,
 GSVY16, GPST92, HLCW91, HR03,
 MNR90, Mit99, MS97, MS01, RS92, Sah74,
 CSY87, FL83a, LW86, Meg83a, RS94a,
 Rom82, Yao82, ZS89]. **Relating**
 [AHOW92, Bor77, RI89]. **Relation**

[GMWW17, Wad76]. **Relational** [ASU79, AGM13, BMSU81, BPSV04, 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** [BGS75, Bal85, BLS84, GG86, SB84, SXB83, Kur85, TW89]. **Relativized** [Ko89, Hel84, KF80]. **Relativizing** [BWX82]. **Relaxation** [BGWZ20, CVZ14, Mur90, Mur95]. **Relaxations** [AM13, ESV20, FK03, KMR22, Li20, TZ17]. **Relaxed** [CDG⁺09, CGS22, Fil19, GPT00, GL21, CS89]. **Relaxed-Voronoi** [Fil19]. **Release** [FR94, GJST81, SC79a, Sim83]. **Releasing** [GHRU13]. **Reliability** [GJ19, JR94, Kar99a, SSS91, Val79, Pro86, SW85, SWCP96]. **Reliable** [ACT00, PY87]. **Remainder** [BG95a, BG96]. **Remarks** [Fab77, McK79]. **Rematch** [CCWZ18]. **Removal** [Fil19]. **Removals** [Sch13]. **Remove** [KKN15]. **Removing** [EC95]. **Renaming** [AF01, ACHP19]. **Renewal** [OC75]. **Reordering** [ACER22, EÖW14]. **Repacking** [BBGR08]. **Repairman** [Sit21]. **Repeated** [RSW06]. **Repeats** [Sch98a]. **Repetition** [BVG22, Hai13, Rao11, Raz98, Raz11]. **Replacement** [FRT93, MVW04, MO74, WE80]. **Replication** [CK04b]. **Reporting** [AKS14, Cha00, Mor06, SS11b]. **Representability** [YR92]. **Representation** [ADS86, DL91, DHH96, Esw75, MR01b, Gus88b, HH79, HH80, Kun93, RI89]. **Representations** [BBC⁺22, BGG22, Bür00b, HRTS03, Iba73, KKL11, NN14, ST94, vzG86, Har80]. **representative** [IIK85]. **Represented** [AO95]. **Representing** [HSS01, BT80c]. **Require** [BSGK⁺10, SV10]. **Required** [BD76, BD78a]. **Requirements** [CG94, KK77, Ord89]. **Requires** [CKPR02]. **Resampling** [HV20]. **Reset** [Epp90]. **Resetable** [CPS16]. **Residual** [KL15, SSS91]. **Resilience** [BL16, BN00, LRS17]. **Resilient** [CHJT04, DRTV18, KZ07, NS12, SR97]. **Resistance** [AH11, CGP⁺20]. **Resistances** [SS11c]. **Resistant** [GKW20, GHM⁺11, Pio04]. **Resolution** [AR08, BKPS02, BBI16, BS09, BKP18, BN20, BGT16, BEGJ00, CM13b, CVZ14, CadHS00, DK15, FSZ21, FHH⁺93, Gal77, Goe93, KL72, MS07b, Nor09, RU98, SBI04, Urq11, Sta80, Wil86]. **Resolved** [JLL12]. **Resolving** [ABOK20]. **Resource** [AST99, BvMR⁺00, BL02, BFL02, DIM97, GG75, GJ75, Hit07, JR94, KK06, WL95]. **Resource-Bounded** [BvMR⁺00, BFL02, Hit07]. **Response** [Ber76, GLP75, SLW⁺98, JS89a]. **Restarts** [CJST07]. **Restricted** [ACHAH16, BBGR08, CGV13, Gar74, GMP23, GKM83, JR20, KT94, Lar87, Man08, ML00, CMST85, CR80, KMZ87, Sag83, Wey79]. **Restricted-Use** [ACHAH16]. **restricting** [Lon85, Lon88]. **Restrictions** [SBI04]. **Restructuring** [VL00]. **Resultant** [Pan94]. **Results** [AMS11, AST76, BGS98, BCR16, Bod21, CP09, CKT99, CJ92, CKN22, EGM03, EGK⁺14, FKS93, GSVY16, GJ75, GKV06, IJTW95, KTW99, KKMO07, KZ20, LPSR04, MT83, Mil72, PST00, Sch04a, SWK09, TS81, Tri94, DF95, IM83, IIK85, Mit85, NHL82, Pet83, Ukk83]. **Resynthesis** [LFS00]. **Retraction** [Vik04]. **Retrieval** [CCFM04, KV86, Kou77, NN17, Riv76, SW94, Wil82, WY07, Bol81, CW83]. **Returns** [CKLW01]. **Reuse** [Kal95]. **Revenue** [CHK13, DFL⁺22, JLTX20, JLLZ22]. **Reversal** [BNP74, BT05, CBGWW13, eCY91, IJ91, KLL90]. **Reversal-Bounded** [BNP74]. **Reversals**

[BP96, GMP98, KST99a]. **Reversible** [Ben89, LS90]. **Revisionist** [EGZ24]. **Revisited** [AHS92, BN99a, BFL02, CHP08, FFTC20, FS86b, HK87, KPS94, LMSPR01, LT82, NW93, Spr02, YLW95, AG86]. **Revisiting** [SW19, VP03]. **Reward** [BCK⁺07]. **rewrite** [DMT88]. **Rewriting** [Ges02, GKM83, YH90, Oya93]. **RH** [IL04]. **Ribbon** [AKK⁺09]. **Rich** [PT09]. **Riemannian** [BRLW19]. **Right** [BEM10, Gra74, Nor89]. **right-** [Nor89]. **Rigid** [BHPT24, GJ00]. **Rigorous** [FN99]. **Ring** [CKL98, FS92, MV75, PRS94, AAG⁺89]. **Ring-Sum-Expansions** [FS92]. **Rings** [HM91, HP98, Tun91, HS87]. **Risch** [Dav86]. **Rises** [CGW16]. **River** [LP83a, SD88]. **RL** [HZ20]. **RMRs** [GHW10]. **RNA** [BGSW19]. **RNC** [RV98]. **ROABP** [AGKS15]. **Robbers** [AGG⁺19]. **Robin** [DMV04]. **Robot** [AWZ00, CP05, DRW98, GMR97, KMMT09, AK88, HJW85]. **Robots** [AP06, BDL00, CFPS12, CP08, DFK⁺19, FYO⁺15, ISK⁺12, SY99, SY06]. **Robust** [BSGH⁺06, BP00, BDMS13, CDK⁺20, CDMI⁺16, CTX10, DKK⁺19a, DKK⁺19b, HPK14, KMW10, LPT98, LH00, RS96]. **Robustly** [BK16]. **Robustness** [BD92, BHT98, Rub99]. **roommate** [Gus88b]. **Root** [BCR16, GK98b, KS94, MvV92]. **Root-Finding** [KS94]. **Rooted** [BH80, GH97, JNS06]. **Roots** [CJL03, BOFKT88]. **Rosser** [Ott86]. **rotations** [Wil89]. **Round** [BSS21, BGK⁺18, CPV22, CLM⁺20, CDP21, HHR15, LPS20, RRR21, SV08, AB79]. **round-off** [AB79]. **Rounding** [AKOT03, Doe04, FNR15, GG12]. **Roundoff** [Mil76]. **Rounds** [ABT21, CKPR02, GM98a, LPSP05, NW93, Pip87]. **Routing** [AFHB⁺00, AIK⁺20, AAE13, Bak86, BFL06, BJK⁺94, BM04b, BFvRV15, BHV99, BT05, CM99, CKR01, CBGWW13, Chu16, CKN22, CG94, DKKP99, FHK78, FJ89, Gam03, GP01, GJM98, GKR05, JC91, KM94a, KPST94, KNPS24, LLRS01, LP83a, LSZ11, MS99, PU90, SV00a, SD88, Szk99, WLB⁺99, FJ90a, GL87, Jaf85]. **Row** [CCK⁺22, Sib98]. **Row-Invariant** [CCK⁺22]. **Row-Major** [Sib98]. **Rows** [CDG⁺06]. **RSA** [ACGS88]. **Rudimentary** [Wra78]. **Rule** [BPP89, DF18, PB85]. **Rules** [DS76, Ges02, JK86, Pla80]. **Ruling** [BBO22, Kho06]. **Rumor** [CHHKM17]. **Run** [LV06]. **Runs** [BII⁺17]. **Safe** [BL00, Spr02, Yan82]. **Salesman** [ACK⁺99, AM01, BGK16, BHZ23, CKT99, FKR95, FS07b, FSS13, MPP22, PS77, Pap92, SS95, TV22, CP84, Fri87b, HT82a, Kar79, RSL77, SRP83]. **Salesman-Based** [AM01]. **Salesmen** [AABV98]. **Salesperson** [ACM⁺99]. **Sample** [DGR99, FX15]. **Sampler** [KM08]. **Samplers** [BFKV11, DHK⁺21]. **Samples** [BMS13, CRS15, CFGM16, HMR18, HTC13, Nat99, SY12]. **Sampling** [AJ22, AK23, BHMO22, BC22, BCM99, CGR18, Cha00, Che92, CDRR07, CDK⁺11, CDG⁺06, DDH⁺09, DLM22, Eft16, FVY21, FRV10, GJ99, GPRS11, IM20, JW21, KL15, MR01a, MRRS07, MRS08, MS04, PRS23, SF11, SS12b, Vio20, Vis91, Wat14, WE80]. **Sampling-Based** [SS12b, SF11]. **Santa** [Sve12]. **Santha** [BEG17]. **Sat** [AGH17, AM06, CO10, FGK05, GS17a, GN16, Her14]. **Satisfaction** [BYGNR98, BK16, BP20, BMPP19, BGWZ20, BG21, BGG22, BM14, CRZ22, CM13b, Che08, CVY19, DR13, FV98, FH06, GJK⁺22, GS17b, KOWZ23, MS07a, Mol03, MS07b, Vik04]. **Satisfiability** [BCHS94, FPV18, FMdR10, Fra91, GKMP09, IK22a, KS98, KST93, PSWvZ17, CF86, Iwa89]. **Satisfy** [ABK⁺98]. **satisfying** [FHK⁺88]. **Satterthwaite** [FKKN11]. **Saving** [GS80]. **Savitch** [Gef93]. **scalar** [BEW80a]. **Scale** [AAZ16]. **Scaled**

[Hit04, CC86]. **Scaling** [ABL09, BPS10, GT89, Gol95, Iwa03, KLR21]. **Scan** [CKT93]. **Scan-first** [CKT93]. **Scanning** [CKR72, CH82a, STU97]. **Scatter** [ACM⁺99]. **Schedule** [CKP14, HS85b, KK86, LY89]. **Scheduler** [CB74]. **Schedulers** [FMS05]. **Schedules** [CS80, GIS77, LY05, Sve12]. **Scheduling** [AC82, Alb99, Ann19, BCS08, BP10, BP14, BNGNS01, BNL03, BYHN⁺06, Bas73, Bas76, Ber76, BJR89, BL98, BS03, BH75, CI98, CLT05, CLL08, CMNS01, Che93, CM01, CH87, CK13, CJST07, CKMP95, CGJ78, CGJL85, CV88, DGBL00, Dob84, DW85, DH04, EÖW14, FR94, FL83c, Gab88, GW93a, GG75, GJ75, GJ77, GJST81, GRS05, GL95, HT21, HLL95, HM87, HL05b, HCAL89, IMP14, IKKP19, IM20, Jaf80, JP05, JT10, KS77, KP05, KS95, KDA00, LS77, LR21, LS98, Li20, LS97, MSS04, MRT07, MS90, MRSG05, PY79, PT87b, QS06, Rou04, RC03, SLW⁺98, Sch04b, Set76, SLC91, SL96, SSW94, SWW95, SU05, SSY90, Sve11, Tsa92, VCJS22, WC92, WL95, Whi90, BD81, BW79, BD86, CCG⁺97, Fri84, Fri87a, HS88, Kun81, LS84, NHL82, SC79a]. **scheduling** [Sim83, SW89, VV89]. **Schema** [GMN09]. **Schemas** [AM75, Cha76, MNS10, SI87, Wey79]. **Schemata** [CD72, Mil72, Muc76, Hul86]. **Scheme** [AAK⁺06, BGK16, CK05, CM01, CAdVdM21, DKKP99, GMY12, Han96, HL04a, Jan10, Kar99a, Kle08, KS00, KR07, Mit99, MRR15, SVV12, Val82, WJG00, WLB⁺99, YHC87, GMR88, HS88, HCS80, Mur87, Pro88, Yao81]. **Schemes** [AK03, BMSU81, BK15, BGS72, CM87b, CVZ14, CPPT24, CAKM19, CS03b, DDDR11, EJS05, FSZ21, FH11, FKLS10, HW93, JKLS05, KKKP04, Sag88, Sit21, TA99, AM80, HR86]. **Schnorr** [KHNS05]. **Schrijver** [BPS07, FK03, GMPT10, Hav24, PS12]. **Science** [AEM⁺11, AK07, ANR09, BBS13, BSO14, BCAKT23, CR17, DT08, DMK19, HIMW16, KRS20, LMOT14, LU10, MV18, Rou15]. **score** [KM96]. **Scoring** [Sch98a]. **Scott** [Wad76]. **SDD** [KMP14]. **SDDM** [DPPR20]. **SDPs** [GMPT10]. **Search** [Aar06, AM93, AFB96, AAK90, Ann19, Ara86, AGK⁺04, BCNW09, BG94, BAFN99, BST85, BG93a, Cha86, CAKM19, CGM⁺22, DR95c, DR95b, Dev02, DN04, DKM09, Dye86, DS00, FG98, FN93, FW14, FS86b, FKK⁺08, FRS19, Gar74, GR93, GMS81, Got81, HPK13, HPK14, HPK15, HW87, HY20, Kao95, KBP03, Kir83, KPS94, KS00, Kni88, KR05, KOR00, LW98b, LZ22a, LSV13, LS22, LM94a, LAB01, LST99, MNRS11, McC85, Meh77, Meh79, MMR95, NS08, NR73, OPS04, PS77, Pol95, Pro92, RS94b, SY91, ST94, Tar72, Wil13, Zha09, CKT93, Hag90, IA86, LW86, MR96, PY88, PB83b, TN82, Wil89, Zha95]. **Searchable** [ANSS21]. **Searches** [MM93, Smi86]. **Searching** [AMS13, AM85, AHHP00, AF03, Bei90, CR10, Cha98b, Che92, DL76, FLST86, HS97, Hir80, LMP02, Lar14, McD88, MS76b, RS91b, Riv77, SS11b, SSW03, Sni85, SY92, Wil85b, AG86, Cha88, GO80, HW86, JS89a, RS91a, Ryt80]. **Searchlight** [SSY90]. **Second** [CBCG05, LSSV08, TZ12, BSO14, CCRZWN22, PKS⁺13]. **Second-Order** [CBCG05, LSSV08]. **Secret** [IQ19]. **Secretary** [DK14, FZ18, FSZ22, Sot13]. **Secrets** [AARV21]. **Section** [AEM⁺11, AK07, AKS09, ACHCP21, ANR09, AIM16, BBS13, BSO14, BCAKT23, CCRZWN22, CDG11, CR17, DK118, DMK19, DKSS22, EvMP⁺12, Gol98, HIMW16, IKM⁺12, KRS20, LMOT14, LU10, MS16, MV18, PKS⁺13, Rou15, SK18, Vaz97, VNA20]. **Secure** [ABT21, CPV22, CS03b, HIK⁺11, IKOS09, IKK⁺11, KLR10, GMR88]. **Security** [AFRV19, BCHK07, CLP16, CPS16, HHT97,

IJ94, KLR10, MS17, RS10c, Gus88a, MRS88]. **Seed** [GRS06, TS11]. **Seeds** [CRS14]. **Seek** [CKR72]. **Seen** [CRZ22]. **Segment** [mCL04, Mye85]. **Segments** [AMS98, BP00, BDD⁺07, CEG⁺93, Goo91, LSH05, PS91, Tót03, Wan24, Rap89].

Selecting [CEG⁺94, DZ99, JM78, Pip87, YY82].

Selection [CSSS89, DKM⁺11, FSZ21, FK15, FJ84, 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, BGKP99, CD17, CMS14, DIM97, DHM12, Dot10, EKS00, FF93, Fre84, GMS81, HS95, Hen76, KS20, LM08b, MOOY02, Rub91, SW10, Sel88, SW07, Tam98, Var00, vDMMS07, 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, DIM97, DHM12, MOOY02].

Self-Testing [EKS00, vDMMS07]. **Selfish** [BFG⁺07, CKV10]. **Semantic** [BRV16, Rut90, Coh83]. **Semantics** [May81, dB84, BT83a, Don79, FL83b, Hen80]. **Semi** [Cha03]. **Semi-Online** [Cha03].

Semialgebraic [AMS13, AGHT24, FPS16, SS11b].

Semidefinite [MR99]. **Semidirect** [TT01].

Semigroup [AAK⁺12]. **Semigroups** [Boo78]. **Semijoins** [BG81b]. **Semilinear** [BC03]. **Semiring** [IS90]. **Semisorted** [AM85]. **Sense** [BV99, FRS03]. **Sensitive** [Boo72b, BCM99, CHPJ20, CKPT19, ES05, Ezr16, GM91b, Goo91, KS05, SCY00].

Sensitivity [DRST14, DRT92, GR02, GP18, VY23, AMS84]. **Sensor** [CTX10]. **Sensors** [CP08]. **Sentences** [Tun91, Gra84].

Separable [CM87b, GMSV15, KM97b, Vég16].

Separated [AOS06, GZ05]. **Separates** [AA18]. **Separating** [AKSW22, BW05, Blu94, Boo91, BFvMT00, Leu98, Nor09, She09, RS81]. **Separation** [BYJK08, BG98, CS99, CKP19, GKR21, GKK⁺09, MRS18, PS02, Urq11].

Separations [AARV21, GKRdW09, SG04].

Separator [EGIS98, GSV99, LT80].

Separator-Based [EGIS98]. **Separators** [BT01, FHL08, FW07, KK98, MZ08, Pla90, Ord89]. **Sequence** [BG95a, BH13, GKL13, Jac72, Kun74, MYSH77, NN14, NSH⁺08, SS17, BG96].

Sequences [BNBK⁺89, CMSS00, DLS81, ES81, Epp90, Gel75b, IISI05, Jac72, KW94, Sch16, SSW03, ST94, Tom92, Alb85, BM84, Pro78, Sut91, YI83]. **Sequencing** [Ado77, DD81, ELMS⁺12, BD78b].

Sequential [Bea91, GS17a, IKM85, MS90, BC82, Gur82, TN82]. **Sequentiality** [EHS12, Oya93]. **sequentially** [BC84].

Serial [BB95]. **serializability** [RSL84].

Seriation [ABH98]. **Series** [BT80b, CDTT95, Kal93, Mur90, VTL82, EMC85, FLST86, SW85, SWCP96].

Series-Parallel [CDTT95, EMC85, FLST86, SW85, SWCP96]. **Server** [AHKL07, BP10, BNFN01, BKRS00, CKV10, Sit14, AKPW95, HR87, KRR94].

Servers [KM08, CL91]. **Service** [BP10, BNMSS98, EW12, Gav72a, CRS87].

Session [RW03]. **Sessions** [AZ04]. **Set** [AGKS15, AAA⁺09, AK97b, AIGT94, AKL21, BCS10, BFK⁺14, BBFT23, BYGNR98, BGGs20, BHNW23, BHK09, BS93, CCK⁺20, CL19, CPPT24, EHM⁺12, Esw75, ENZ00, Ezr16, FK03, GGP11, Gav72b, GGM11, GM82, GKKS93, GJW18, GGL⁺13, HL05a, Hir80, HU73, HPZZ21,

Joh88, KB76, Luc90, MRRT08, MRR15, RV98, RLDL96, Rub91, SZ00, She16, TT77, Blu86, CNS82, FT83, GS89, Hoc82, HT82b, JK86, Kin86, LP83b, Lub86, MN88, Pre79, Rap89, Sha85, WT89]. **set-covering** [LP83b]. **Set-Maxima** [GKKS93]. **Set-Multilinear** [AGKS15]. **Set-Partitioning** [Joh88]. **SETH** [BI18].

Sets
 [AOS06, AMS13, AGKS15, ASSS16, ASU75, AHOW92, ACRT99, BBS86a, BBO22, BN82, BGG18, BCG⁺21, BFS06, BH77, BB80, BK88, BJ82, BHT98, BCL75, BC03, Cha92a, CG01, CPY89, Cus98, DY10, DW11, DKSS13b, DFJ02, EPR81, Esw75, FT88, FF93, FW98, FT06, FGLM98, For79, FL94, Fu95, GPSS06, GPSZ08, GHJY91, HOS00, HH91, HR97, Hit07, HZ20, HL72, Kap00, KRS10b, Kum96, Lev76, Nat91, NS22, Ogi95, OW91, Per74, Rie99, Rie02, Rot17, Sel88, Sol76, ST94, TIAS77, VVYZ07, Var97, vDMMS07, AR88, BORW88, JKS84, Kur85, LLK80, ORS86, Ukk83, Yes83]. **Setting** [ABOK20, Epp03]. **Settings** [vMP19]. **Setup** [Che93, FGS85, BD78b, HR87]. **Seventh** [DKI18, DMK19, FGKO08]. **several** [FJ81, RSL77, adH86]. **Shadow** [Aar20]. **Shallow** [AES99, AGS21, ES15]. **Shallow-Light** [ES15]. **Shape** [HPW04]. **Shaped** [HOS92]. **Shapes** [Dot10, GMRZ13, SW07]. **Shared** [ACFW98, BGV00, CadHS00, GK97, GMR99, MPS92, Nis94, PPS00, SWPL11, BN89, GJ86, MM83]. **shared-memory** [BN89]. **shared-processor** [MM83].

Sharing
 [FKLS10, GPRS11, KLSvZ08, NR95, GJ86].

Sharp [AM06, Aus10, CRRZ24]. **Shatter** [Ezr16]. **Shattering** [CLP20]. **Shelf** [BS83]. **Shellsort** [Cyp93a]. **Sherali** [AM13, TZ17]. **Shift** [RS85a, vDHI06, Nor89]. **Shifted** [BGKS12]. **Shifts** [MRRS07]. **Shiloach** [EiC17]. **Shooting** [Aga92, AM93, AS96, CPT96, ES22, IST12, MS97, Wan24, dBG08].

Shop [AC82, SSW94]. **Short** [ALS22, BSS08, BGRV98, CM22, CGP⁺20, CRS14, HT15, MW88, NP22, RU98, TS11]. **Short-Term** [MW88]. **Shortcuts** [DHP13]. **Shorter** [BGH⁺15, BSGH⁺06]. **Shortest** [AFGN22, AFGN23, AW01, ABL⁺02, ACIM99, BK10b, BFKL21, Ber16, BH19, BCM⁺15, CCE13, CL77, Cha10, CKT00, CHW13, CNVW08, CNVW10, CJ14, CPT96, DY10, DHZ00, EN19, Epp98, Fre76, GS21b, GKL13, Gol95, Gol08, HP99a, HC99, HKN16, HKN21, HS97, HS99, HSY22, HY87, Jac90, JL95a, KKP93, MS92, Mou90, PR05, Rod10, RZ12, SCY00, SS86a, Sha87, Spi73, SP75, Swe99, TY97, VA00, Wil18, WZ15, Blo83, Fed87, Hor87, MT87, Pro81]. **Shortest-Path** [CL77, HS97, Blo83]. **Shrinkage** [Häs98]. **Shuffle** [Çam03, EL86, Mor08]. **Shuffle-Exchange** [Çam03, EL86]. **SIAM** [BX92, BG96, CCG⁺97, Col93, Co081, FJ90b, HH80, HN79, Kad91, Lan91, Lon88, RS94a, SWCP96, Vai90]. **Side** [AdBS10, CRZ22, DPVR12, DLL⁺03]. **Side-Effects** [DLL⁺03]. **Sided** [AGM⁺11, AS08a, KSS20]. **Sieve** [MRŠ10, PST88]. **Sign** [CM22, GJ14, KMP⁺20, RS10b]. **Sign-Rank** [CM22, RS10b]. **Signature** [O'R86, GMR88]. **Signatures** [CGW16, PP97]. **Signed** [KST99a]. **Signs** [GGJT10]. **Similar** [LM08b, Lub81]. **Similarities** [ACKS15]. **Simple** [AFRV19, BCN⁺20, BBS86b, BM02, BD06, CRRZ24, Che76, CW98, CDP21, Eft16, ELRS03, Fre93, GLPW16, GM98b, Gus83, Gus90, HB75, HU75, HN94, HZ20, HM99, HS90, HL72, ILPR81, JLTX20, JDU⁺74, KOT00, KKMS11, KM00, LV91, MWY78, 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** [BŠVV08, Val02]. **Simulating** [Dev12, GK98a, HHKL21, MS08a, RT10]. **Simulation** [And99, BL04, BP15, CPS16, EWS05, GMR99, HU22, Mac98, RV01, SV84, Vit85a, AHMP87, KvLP88, Kin86, Vit85b]. **Simulations** [ACRT99, CL94, CadHS00, EGZ24, HB94, LL90, LL92, PR06, IP87, adH86]. **Simultaneous** [BGKL03, Hås88, PY91, CDR86, Lag85]. **simultaneously** [HM81]. **Sine** [PM03]. **Single** [Ado77, Ala14, AKL21, BCR18, BGK20, BDMT98, DDDR11, GMM09, HKN21, Juk06, KLM⁺17, KTW99, KM08, KS02, MV13, WZ15, Blu86, CK87, HL96, IM83, Ked85]. **single-chip** [Ked85]. **single-operation** [Blu86]. **Single-Parameter** [DDDR11]. **Single-Pass** [AKL21]. **Single-Source** [BCR18, BDMT98, HKN21, KS02, WZ15, HL96]. **single-tape** [IM83]. **single-valued** [CK87]. **Singleton** [ST23]. **Singular** [GL23, WM97]. **Sink** [BKM⁺17, Che08, GMM09]. **Sinks** [BKN09, MN95]. **SINR** [ABOK20]. **Sixth** [Bab06, MV18, SK18]. **Size** [AHS92, AGvM⁺18, ACR⁺10, AES10, ALS22, AGM13, BYCDM92, BH12, BS09, BP90, Bod21, Bor77, BCE95, BM14, CFKX07, CT00, CHM13, Cyp93a, Dev99, Dev12, EM03, Ezr16, FSS20, Gal77, GJ85, GJMM00, HHKW07, Kav14, KMV91, Kla07b, KvM02, Koc92, KRT17, Lar77, LM99, LSS⁺21, MR14, MR08, PS91, PRS23, Pur78, RRSS09, RSY08, RT90, RT89c, Rhe90, Fri86a, Fri87b, HT82b, Kal85a, KS85, Lon85, Lon88, IPS97]. **Size-constrained** [Dev12]. **Size-Depth** [BCE95]. **Size-Hierarchy** [LSS⁺21]. **Size-Popularity** [Kav14]. **Size-Sensitive** [Ezr16]. **Size-Space** [BS09]. **Sized** [AN93, EL08, FL86, LS18, SvSE03, Mur87]. **Sizes** [EGH07, MSS18, RT93, RT89d, RT89e]. **Skeletons** [AGG⁺19, OL74]. **Sketch** [LWW21]. **Sketches** [CGP⁺20, CTX10, HT21]. **Sketching** [AKR18, GLPW16, MNS11]. **Skew** [HKP14, Jon87]. **Skylines** [HTC13]. **Slice** [Val86]. **Sliding** [BO10, DGIM02]. **Slightly** [LMS18]. **Slope** [CSSS89]. **Slowdown** [GM20]. **Small** [ACG⁺16, ABS07, AES10, BFK⁺14, BPU92, Bie90, BD93, Bod96, BCH97, BDGJ99, CLS19, Coh95, DLM22, DY10, FR24, GW93b, GH97, GNS20, GNW23, Hås14a, HSS13, Hit04, HZ20, KW00, KRY96, KW98, Lov21, Mar99, Mar08, NN93, New02, NTZ16, Pla90, RS10a, RS22, Rao09, Ros18, SBI04, Bol81, KS96a]. **Small-Bias** [NN93]. **Small-Depth** [BPU92, CLS19, Hås14a]. **Small-Size** [AES10]. **Small-Success** [HZ20]. **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** [BMM21, FV98]. **Social** [ACKS15, CG18, FRS⁺20, MR10]. **Soft** [KTZ13]. **Software** [Bak97]. **Solomon** [CW07, GGG18, GLS⁺24, KRZSW23, ST23]. **Solovay** [AL82]. **Solution** [BM14, Kon75, LR89, MPR03, Nic88, NS22, PR93, SP82, Bin84, CC82, Fri87b, LW88a]. **Solutions** [ABL09, BEW80a, BEG⁺02, FPV18, GGGY21, GK12b, HNOS96, JP05, KMW75, Kre90, MO12, MS04, Mur90, Nat95, Ren92, SVV12, WZ06, AK88, BLR80, GI80]. **Solvability** [CN99, Jay98]. **Solvable** [AR02, BK16, Vin04]. **Solve** [AT98, GHKT12, MS92, MRRT08, SY91].

Solvers [LMM99]. **Solving**

[AdW22, BPSV04, Cha89, Hås88, Hal75, HS85a, JPZ08, KM13, KMP14, Koz21, LT91, AS80, Ili89b, Zel88]. **Some**

[AW21, BC91, BSHR05, Ben77, BS00, Boo91, BG82, BMS13, Cus98, DFVW99, DHHM06, Fab77, FHK78, Hon82, Huy86b, IM83, Iga77, IIK85, LMS98b, LS98, Lub81, McK79, Mil72, NR13, Pla78, RR04, Rom82, SD88, Sti90, TS81, Tri94, WWW87, vDHI06, AK88, Fre81, Hol81b, LVW84, MS84, SJ81, SS89b, Fat74].

Sometimes [LL99]. **son** [LW86]. **Sort**

[Che01, Col88, DY75, Col93]. **Sorted** [AHP00, FJ84, SSW03, BT80c, FJ90b].

Sorters [SS89a]. **Sorting**

[ABK00, ALS22, BP96, CMSS00, Cyp93a, DKM⁺11, DY75, ES81, FT88, GKKS93, 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, BADTS22, BSRZ15, BDMT98, BKM⁺17, CCE13, Coh16, Coh21, HKN21, KS02, WZ15, HL96]. **Sources** [ACRT99, BJS97, BIW06, BKN09, BEG17, GRS06, KZ07, MN95, Rao09, SZ99, Vio14, CG88].

Space

[AGMV00, AHPY13, AKS14, ABSRW02, AS97, ANSS21, Bak78a, BGNV18, BBR98, BE98, Bea91, BTY94, BBR⁺99, BBI16, BS09, Ben89, BN20, BL98, BGT16, Boo79, BWX82, BL93, Bor77, BFadH⁺87, BM99, BHV99, CR80, DvM06, DH92, Edm98, EGZ24, Eri00, EWS05, ES22, FN99, FLN⁺15, FH11, FJ90a, GS80, Gef91, GMP98, GLT80, HPK14, HST05, HSS09, Hon82, Iba74, JTT00, KšdW07, KOR98, Lad89, LS90, LL90, LR96, LP13, Mac98, MOOY02, MRSV21, NW06, Nor09, PP08, Par77, Pel94, Pfa83, SCY00, Tót03, Tót08, Tri08, Vai88, Vai89b, YDEP89, Yao94, Zhu21, vMP19, BC82, BKRU94, CI83, Gef93, IM83, Imm88, Sys81, Tom82].

Space-Bounded [BL93, LL90, vMP19].

Space-Efficient [BGNV18, BL98, FH11, Mac98, BHV99, FJ90a]. **Space-Time** [Eri00, Vai89b]. **Space-Width** [BN20].

Spaces

[ALN⁺12, BM04a, BCG⁺21, BCM99, Che09, KM97b, KOR00, NN93, SS86a, Yao82].

Spacious [Nor09]. **Span** [BW05, Rei14].**Spanner** [CHD21, EP04, FS20]. **Spanners**

[AdBS19, ABP18, BGJ⁺12, BCC⁺09, BDMS13, CLNS15, CLPR10, GLN02, KPX10, KMRS18, KP98, Coh98]. **Spanning** [ABN15, AN19, Aga92, CRT05, CT76, CT00, CLL05, CT90, CEF⁺05, CS09, DRT92, DGGW20, Elk06, EEST08, ES15, EP09, FL12, Fre97, FGRV14, Gab77, GM78, GG12, GKP98, GH97, HKRT95, HL04a, HK01, HLCW91, Hu74, KR95, KRY96, KR02, Kun74, LPSP05, MMS17, NSV94, NSH⁺08, OL74, PR00, PR02, STU97, SP75, Vai88, WLB⁺99, EMC85, Fre85, HY88, KS93, KIM81, KMZ87, Yao82]. **Spanoids**

[DGGW20]. **Spans** [Hit04]. **Sparse**

[AHOV92, ABCP98, BBS86a, BGG18, BCR16, BK88, CG01, DG93, DFJ02, FT97, FMS02, For79, Fu95, GLPS12, GKS90, GKS94, GLN02, HR97, JO92, KW93, KPST94, Kur85, LS95, Lov21, Man95, Nat95, OW91, PR93, RB91, Sem09, Sol76, SU77, Tho05, Vad01, CKT93, PA79, PA80, Ukk83, Yes83, BHL95]. **Sparsest**

[AMS11, AHK10b]. **Sparsification**

[AdW22, CX18, CGP⁺20, DPPR20, EGIS98, FHHP19, KLM⁺17, LS18, Moi13, SS11c, ST11]. **Sparsifiers** [BSS12, EGK⁺14].

Sparsity [GOS⁺11]. **Spatial**

[AJ22, BGG⁺19, GKV06, GMP05, KKPV07, LSH05, PT92, SS90]. **Special** [AGK⁺09, AEM⁺11, AK07, AKS09, ACHCP21, ANR09, AIM16, Bab06, BBS13, BSO14, BCAKT23, CCRZWN22, CDG11, CR17, DKI18, DT08, DMK19, DKSS22, EvMP⁺12, FGKO08, GS21b, GS06, Gol98, HIMW16, IKM⁺12, KRS20, LMOT14, LU10,

MS16, MV18, PKS⁺13, Rou15, SK18, Vaz97, VNA20, Che86]. **Specialization** [CLD73]. **Species** [MLZ00]. **Specific** [BC76, GR17, DL80]. **Specification** [Pig91]. **Specifications** [AFL08, RH93, YR92, BT83a]. **Specified** [MHSR98]. **Spectra** [Fri91, HN77, KT15, Gra84, HN79, TN82]. **Spectral** [AK97a, ABH98, Cha98b, CGP⁺20, KSV08, KLM⁺17, Kel06, KLR21, LZ22b, LS18, PSZ17, SB13, ST11, BS92]. **Spectrum** [KM93]. **Speed** [BPS10, CLL08, DKKP99, FT06, Kos75, MS87a, PP95, RS85b]. **Speed-Up** [FT06, PP95, MS87a]. **Speeding** [AU73]. **Speedup** [AdW22, BH98]. **Speedy** [CLL08]. **Spheres** [MS97]. **spilling** [BJR89]. **Spin** [AJ22]. **Spira** [CL77]. **Spirality** [DLV98]. **Splay** [CMSS00, Col00]. **Splicing** [Gat92, Kim97]. **Split** [BYHN⁺06, MNA88]. **Splitting** [GPSZ08, LY13, San75, vKLM10]. **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** [AF23, BHK⁺19, AB96, CL89]. **Squaring** [LM12]. **Squarish** [DJZC00]. **squashed** [CS89]. **SRT** [MP05]. **ST** [CDTT95]. **ST-Digraphs** [CDTT95]. **Stabbing** [Aga92, AAK⁺12]. **Stabbing-Semigroup** [AAK⁺12]. **Stability** [ÀBS04, ADK⁺08, AKK08, BNS⁺21, CGGS19, Chv77, CRS87, DDR07, Gam03, KPR⁺13, LPSR04, Mil75]. **Stabilization** [BBD⁺97, Var00]. **Stabilizing** [BGKP99, DIM97, DHM12, MOOY02]. **Stable** [BFG03, IL86, Kav14, NH90, Par77, Sub94, Gus87b, Gus88b]. **Stack** [HPT99, HP99b, LLS84, MO74, Rei72]. **Stackelberg** [Rou04]. **Stacks** [IJ91, Yao81]. **Stage** [Çam03, 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, EWS05, GKRdW09, Iba73, San75, FG82, GR85, PS81]. **State-Splitting** [San75]. **Stateful** [FKT17]. **Stateless** [AK09]. **Statements** [Rus77a]. **States** [Aar20, AFB94, CHPW98, Hie10, QY21]. **Static** [FH11, LL95, MR01b, Pag01, SV00a, Yu22]. **Statistical** [BCH⁺20, DO04, GHRU13, HNO⁺09, IJ94, Gus88a]. **Statistically** [HNO⁺09, HHRS15]. **Statistics** [DGIM02, GM09, YHC87]. **Stealing** [BFG03]. **Steiner** [AKR95, ABHK11, BHL18, BD97, BGA23, CHJ18, CFHM20, DM88, DH92, ES15, FR06, Fil19, FKLS10, GGK16, HLP17, HKK⁺07, JMP11, KKN15, KLSvZ08, MR07b, Nut10, Pro88, SS05b, Sny92, Tre00]. **Step** [ACHP19, YI83]. **Stewart** [CS04]. **STOC** [AGK⁺09, ACHCP21, AIM16, Bab06, CCRZWN22, CDG11, DK118, DKSS22, EvMP⁺12, FGKO08, IKM⁺12, MS16, PKS⁺13, SK18, VNA20, AKS09]. **Stochastic** [AIK19, ABT24, AKU05, CFW93a, CFW93b, CFLS97, Dob05, DFKL20, GPRS11, GKR12, JV75, LS97, PT87b, RU98, San75, SU05, ST00, SS12b, 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** [BGS72]. **Storing** [Mai79]. **Straight** [AU72, IL82b, MRK88]. **Straight-Line** [IL82b, MRK88]. **Strassen** [AL82, Sch81a]. **Strategies** [ADK04, ACFW98, AIS08, BKK⁺10, CHK13, CKLW01, MR01a, Rou04, AG86, OH87]. **Strategy** [IKL⁺04, MPR22]. **Strategyproof** [KLSvZ08]. **Stream**

[BNL04, CCM⁺19, CDK⁺11, DGIM02, FKM⁺09, GM09, JW21, PT07]. **Streaming** [AKL21, BFKL21, CCKM13, GG10, MMN14]. **Streams** [FKSV02, GM09, KLM⁺17, LNW19]. **Streets** [IKL⁺04]. **Strength** [Gus91]. **Strengths** [BBBV97]. **Stretch** [AN19, App13, BEGL24, DFK⁺19, EEST08, EP09, FGG08, MRSG05, NS00, Xia13, Coh98]. **Strict** [BL04, FKLS10, HH72]. **Strictly** [HHW05, RW05]. **String** [Abr87, AALM90, BGP⁺22, BG92b, Col94, CHPZ95, CH97, CH02, CGG⁺97, FGG98, GS80, GP90, GG91, GG92, Ges02, GV05, LMS98a, MS10, MM93, Riv77, TU93, AG86, AB96, Bak78b, BG90, FL83b, GO80, Liu81, Ryt80, Yao79]. **String-Matching** [GS80]. **String-Searching** [Riv77, Ryt80]. **Strings** [ABK⁺06, AHK⁺10a, AHHP00, Bak97, BLR⁺15, KMP77, KM99, Sch98a, ST72, HC83]. **Strip** [BHI⁺13, Ste97]. **Strip-Packing** [Ste97]. **Strong** [AJ22, AHLM07, BGG⁺19, CR22, DORS08, GH92, GGM12, GIP20, GMP05, Kao95, KšdW07, MRRS07, MRS08, RRSS09, Raz11, Saf06, She12, BM84]. **Stronger** [KLN15]. **Strongly** [BI18, CFHM20, IKP96, Kao93, KST99b, Vég16, Bab80]. **Structural** [BST95, CGH⁺88, DGL23, GKMP09, JL77]. **Structure** [AAK⁺12, AHS92, AS86, AR02, BH18, BV93, BW99, BDV21, BG21, BHT98, Cha92a, CKST99, DV00, Eps79, FV98, FW98, Gan95, GM15, HHL18, LWY20, LKS97, LL78, LSV07, Mac99, MM98, SMSR75, TV99, BT80c, Dub90, Gus88b, Ili89a, Ili89b, RC79, dG83]. **Structured** [ACBG⁺17, BGP⁺23, KZ20]. **Structures** [AFG⁺14, And99, ADG08, BHI18, Bit79, CGdW13, Che12, Dur10, DGGW20, EFN18, Fre97, GRSS98, Hen00, Hos75, JT73, KV86, KMV91, KCH82, KS20, LP13, LRS01, PVV98, TV91, Vio12a, Wil85a, Cha88, Fre84, Fre85, FS89, Fre81]. **Structuring** [KMR88a]. **Stubborn** [CPPW12]. **Study** [BK07, FV98, Vad06, Coh83, JS89a]. **Sub** [CLLS96, MR08]. **Sub-Bus** [CLLS96]. **Sub-Constant** [MR08]. **Subadditive** [Fei09]. **subclasses** [Huỳ86a]. **Subcubic** [BGSW19]. **Subdeterminant** [ESV20]. **Subdivision** [EGS86, LP77, Pre79, PT89]. **Subdivisions** [HST05, Kir83, Mit99]. **Subexponential** [CG07a, Efr12, FV13, FLM⁺22, Gär95, JPZ08, KvM02, Kup05, MPP22]. **Subexponential-Time** [Kup05]. **Subgraph** [BCR18, CKS02, Cha06, CVV03, CN85, CFHM20, CGM⁺22, FL12, GG12, Kho06, KSS93, KR23, LRR17, CHT93]. **Subgraphs** [ACP⁺24, AFN07, AK23, Bar18, CT00, CV14, DLR95, FR24, FTV15, GM15, HKRT95, KN05, WW13]. **Subgroup** [DISW13, HRTS03, Kup05, MvV92]. **Subject** [CCPV11, DP20, LY89]. **Sublinear** [ABP18, BBR98, BCR16, BPP23, CRT05, CLM05, CEF⁺05, CS09, CS24, ELRS17, ERS20, FGG98, GKP98, HPK14, KPS13, KMR87, Tom82]. **sublinearity** [Sch88]. **Sublinearly** [EGS10]. **Sublogarithmic** [CP09, Gef91, GMP98, LR96, Gef93, RR89]. **Submodular** [BH18, BFNS15, BFG23, CCPV11, CG10, CVZ14, Dob21, FMV11, FV16, FZ18, FW14, Iwa03, KMZ18, PR99, SF11, Von13]. **Submodularity** [MR10, PRR03]. **Subpath** [Wan24]. **Subpolynomial** [Gro03]. **Subpowers** [IMM⁺10]. **Subquadratic** [AAKS14, BI18, CL94]. **subregion** [Kun93]. **subregion-tree** [Kun93]. **subroutines** [RD81, RS83]. **Subsequence** [GG10, HSSS22, HL87]. **Subsequences** [JL95a, Fus88]. **Subset** [BGNV18, CDK⁺11, CH03c, DV00, ENZ00, GM91a, MPP22, Fri86b, FK89]. **Subset-Sum** [GM91a]. **Subsets** [GAOPL⁺21, KY09]. **Subspace** [BSK12, LWW21]. **Substitutability** [CGV11]. **Substring** [MS10, Mar08]. **Subtree** [AK97b, CFCH⁺00, Rey77, VR89].

Subtrees [Dev02, Rus81]. **Success** [HZ20]. **Successive** [BCM⁺15]. **Succinct** [BCG⁺18, FK89, MR01b, Pra75a, Vio12a, Yu22]. **Succinctness** [SS77a, Har80, RI89]. **Suffice** [AM06]. **Suffix** [CH03b, DSR92, Gia95, GV05, KLP96, MM93, Szp93]. **Suffix-Prefix-Matching** [KLP96]. **Sum** [AGKS15, BGNV18, BBFT23, BHK⁺19, Che05, DDG⁺17, FS92, GM91a, GKK⁺12, IS90, JT86, Fri86b, FK89]. **Sum-of-Digits** [Che05]. **Sum-of-Squares** [BHK⁺19]. **Summation** [KW00]. **Sums** [AF23, BMS86, Bjö14, CDK⁺11, Dev02, DLWZ14, Fei06, HF98, HR03, Yao85a, Rom82]. **Sums-of-Squares** [AF23]. **Super** [GHH⁺17]. **Super-Polylogarithmic** [GHH⁺17]. **Superconcentrators** [Pip77]. **Supercritical** [BN20]. **Superexponential** [LMS18]. **Superlinear** [Amb16, BBI16]. **Superlogarithmic** [BH03]. **Superpolylogarithmic** [Gab07]. **Superpolynomial** [AM05, BBI16, Wil13]. **Supersequences** [JL95a]. **Superstring** [Swe99]. **Superstrings** [TY97]. **Supertree** [JLL12]. **Supertrees** [FBGSV15]. **Support** [RRSS09]. **Supported** [AH11, DFM23]. **Suppressed** [EW12]. **Sure** [Sch87]. **Surface** [AS98, Bie90, CEFN23, CDRR07, Mou90]. **Surfaces** [AHPY13, HO02, dVE10]. **Survivable** [GKR12, LNNS09, LS13]. **Swapping** [AGL99]. **Swarm** [DFK⁺19]. **Sweep** [BP00]. **Sweeping** [PS91]. **Switches** [AH08, EW12, KLM⁺04]. **Switching** [BMIM07, FY96, KB76, Ngo05, SBI04, TU81, TS81, Yao78]. **Symbolic** [GL80, HS75, RT82, Wir79, Hal75]. **Symmetric** [ANSS21, Aza92, BWY15a, BG21, GL80, Gro03, GLV13, MRS08, Val11, Vio07, SL80, Zwi91]. **Symmetries** [FW76, GJK⁺22, Ros72]. **Symmetrization** [BBD⁺97]. **Symmetry** [CIRR16, DISW13, MOOY02, Von13]. **Symposium** [AGK⁺09, AKS09, ACHCP21, AIM16, Bab06, BBS13, BSO14, BCAKT23, CCRZWN22, CDG11, CR17, DKI18, DMK19, DKSS22, EvMP⁺12, FGKO08, HIMW16, IKM⁺12, KRS20, LMOT14, MS16, MV18, PKS⁺13, Rou15, SK18, VNA20]. **Synchronization** [AAT97, AHR96, Bar84, GK05, GK12b, LS10, Ord89]. **Synchronizer** [PU89a]. **Synchronizing** [HZ77]. **Synchronous** [AG91, FM97, HS79, JKLAR90, KK02, Rei84]. **Syntactic** [KMSV98]. **Syntactically** [RSY08]. **Syntax** [Bak78a]. **Synthesis** [Liu72, RS85a, Gus83, Mor80]. **Synthesizing** [Ber76]. **System** [AW76, BEG⁺02, Co078, CPW82, Gav72a, HT84b, KS77, Kon75, Lav73, LMM99, YH90, CBH84, Co081, CRS87, Hal75, KMST87, LS84, MM83, SC79a]. **Systems** [AJ22, AKK08, BNL03, BPS07, BKRS00, BPR00, BEGJ00, BJSW20, BCLL21, CKM⁺14, CC07, Cha15, CKS17, CP05, CSW98, DTA94, EKL10, Ezz16, FM03, FRS03, Gat92, GS73, Ger76, GK96, Gol98, GS12, GKM83, Hen76, Hie10, Jaf80, JKLAR90, Kim97, KR78, KS95, KDA00, KMP14, KZ20, Lad77, LL95, LL00a, MRW00, MP05, MVW04, MPR03, MPR22, MRSV21, NW98, Nat95, PR93, RS03b, Rus77b, AM80, AS80, BV84, Bin84, CC82, DMT88, ERV81, FN80, Gab88, GMR89, GI80, HCAL89, Ili89b, KN85, Kun81, Ott86, Oya93, RS85b, Ren89, RSL84, Zel88]. **systolic** [IP87, MR84]. **Szelepcsényi** [Gef93]. **Szilard** [Iga77].

Table [AHM⁺08, BK88, OW91, Ukk83, Yes83]. **Tables** [AM85, BHV99, CDG⁺06, CDR10, DO04, GM79, Kao97]. **Tabulated** [Kao97]. **Tabulation** [TZ12]. **Tabulation-Based** [TZ12]. **Taking** [HP00b]. **Tally** [Gef93, Rub91, TW89, BHL95]. **Tampered** [CGL20]. **Tangent** [BDD⁺07]. **Tape** [Bis78, HW87, Iga77, LL90, FG82, HM81, IM83, MS87a]. **tapes** [DG84]. **Targeted**

[HU22]. **Tarry** [GGG18]. **Task** [BKRS00, BCLL21, FM03, Jaf80, JP05, KS77, BD78b]. **Tasks** [AR02, BNMS98, CIRR16, CN99, Dob84, GK99, GL95, HL05b, MRT07, PY79, WC92, WL95, GJST81, NHL82]. **Taxonomy** [ABF⁺99]. **Technique** [AU73, AK97a, CV88, Dye86, GW95, KS03b, Mac97, Ram94, Vis91, ACG89, Bak78b, FN80, Pet83]. **Techniques** [BDP02, BKV11, CMNS01, EGK⁺14, HR03, KS96b, MS87b, RR04, SJ05, SW76, Ver97]. **Telephone** [EK05]. **Template** [FMUY83]. **Temporal** [CRRZ24, HLL95, IISI05, TT01]. **Temporary** [AZ04]. **Tensor** [AL10, BC87, GGR11, HRZW20, MS08a, PRS97, SZ08]. **Tensors** [AL83, Bsh90, Rom82]. **Term** [DKS88, MW88, Oya93]. **term-rewriting** [Oya93]. **Terminal** [AK11, BKS92, Boo72b, GJ19, Kar99a, Shi79b, SW85, SWCP96]. **Terminals** [CFHM20, CAvdM21, FR06, IY23]. **Terminating** [GKV06]. **Termination** [Ges02, GMP23, GKM83, Lie76, CR86]. **Terms** [GGM11, Che86, PCHM85, SSC85]. **Terrain** [AdBS19, BMKM07, BRS97, KK11]. **Terrains** [AS96]. **Test** [BSHR05, Bie90, GM15, GNS20, KLX10, LPPS17, MR08, SS77b, SS78, Tuc80, AL82, Iwa89, RD81, RS83, TY84, TY85, Pig91]. **Testability** [AKP24, CVY19]. **Testable** [AE15, AS08a, AS08b, AFNS09, BSGK⁺10, BWY15a, GHJY91, KM94b, Mei09, NS13]. **Tester** [CS16, KS11, KSS20]. **Testers** [BSGK⁺10, CS05, DR06, IKW12]. **Testing** [AKP24, AFN07, ABC⁺13, BB21, BDMT98, Boo78, BFNR08, CRS15, CFGM16, CSS09, DGL23, DDG⁺17, DGV05, DT96, DRTV18, DP94b, DXSC94, DS07, EGH07, EKS00, ET75, Fis05, FN07, FM08, FPS16, GT01, GK97, GR11a, GR11b, GOS⁺11, GNW23, HK07, HSS13, HL14, HPZZ21, IQ19, JR13, KMSV13, KKR04, KR06, KMS18, KS13, KT88, LS19, MORS10, New02, PRR03, RS96, SS12a, SW06b, ST94, TZ22, Val11, VV17, vDMMS07, FS86a, JS82, KS91]. **Tests** [HH91, Leh82, vzG91, Pla80]. **Text** [GV05, HSS09]. **th** [Fri86a, JM78, MTZC81, YY82]. **Their** [AL18, BC91, CHPJ20, CGL20, Che09, DN07, EIM01, FW07, GVY96, HPM06, IQ19, LC89, Lic82, LMPP15, PW11, PM03, RS03b, RRW01, Sch98a, SOAD09, VW85a, Web93, BG09, RI89, dG83]. **Theorem** [Ald75, ABI97, AR98b, BBP00, BKRS00, Bra08, CCL13, CM13b, CLD73, CP19a, CHZ07, DGL23, DR06, Dob05, ESS93, Eps79, FKKN11, Fri90a, GR02, GS00, GM15, Hai13, Iba74, KLST01, LSS⁺21, LT80, Ram84, Raz98, Wil73, Car79, MY91, Pet83, RC79, SSC85, BII⁺17, Bar18]. **Theorems** [Bra75, Dur10, GVY96, Hal08, IJKW10, KMS18, KšdW07, MW93, She12, Sky76, TW14, BT83a, Gef93]. **Theoretic** [HZ77, Lin84, LMPP15, WY07, AKPW95, Gus88a, SP82, TC84]. **Theoretical** [Cyp93b, KY10, MS76a, CK80]. **Theoretically** [HKL00, KLR10, Lu14]. **Theories** [BEW80b, BE88, EIM01]. **Theory** [AGK⁺09, AKS09, ACHCP21, AC78, AIM16, Bab06, BV97, BT80a, BFKV11, BLMW11, Cha89, CCRZWN22, CDG11, CG07a, Che97, CCC⁺13, DK118, DFVW99, DKSS22, DG93, EvMP⁺12, FGKO08, FV98, FR75, Gel75a, Ger76, HP00a, IKM⁺12, KB76, LV95, MS16, MS01, MS08b, PKS⁺13, Rév85, Rot16, SK18, VNA20, JS82, SS86b]. **There** [CG01]. **Theta** [BKM19, BGG18, ABSD⁺98]. **Theta}-Maxima** [ABSD⁺98]. **Thinking** [Pra75b]. **Third** [EvMP⁺12, Rou15]. **Thirty** [AKS09, AGK⁺09, Bab06, FGKO08]. **Thirty-Eighth** [AGK⁺09]. **Thirty-Ninth** [AKS09]. **Thirty-Seventh** [FGKO08]. **Thirty-Sixth** [Bab06]. **Thorp** [Mor08]. **Thorup** [PR14]. **threadability** [CR80]. **Threatening** [AGG⁺19]. **Three** [AS96, AST97, BDD⁺07, Cha00, Cha92b, Che08, Coh16, DO04, FKKN11, GK99, Gus87b, HT17, HP99a, IJ94, JKK06,

KMSZ05, Kun74, LS02, LR86, LC90, LS93, MW99b, MS97, PT87a, RS92, Vid16, ZS02, Dye84, ES91, Mil88, RS94a, Vid20].

Three-Chain [LS93]. **Three-Dimensional** [BDD⁺07, Cha92b, LR86, LC90, MW99b, RS92, IJ94, ES91, RS94a]. **Three-Element** [Che08]. **Three-Party** [HT17].

Three-Player [Vid16, Vid20].

Three-Processor [GK99]. **Three-Source** [Coh16]. **Three-valued** [JKK06].

three-variable [Dye84]. **Three-Way** [DO04]. **Threshold** [AM06, Aza92, BH12, DRST14, Eft16, GK98a, HHT97, HTC13, IPS97, MZ13, RS10a, RS22, RT92, She13, BS92, FSW87, Fri86a, Ord89]. **Thresholds** [BL21, CRRZ24]. **Throughput**

[BNGNS01, BKPYP18]. **Thue** [KN85, Ott86].

Tight [ACER22, ABC⁺13, AO95, AHHP00, AFRV19, AKL21, AV87, BRS⁺21, BHK⁺19, BGS98, BGLL99, BFNS15, BKS15, Cha94, CFHM20, CKL98, Col94, CSW98, DP94a, EPA99, FKR95, GLM⁺99, HHR15, HKN21, IKKP19, JLTX20, JLLZ22, KKR04, KMMT09, KP00b, LM99, LWW21, Mao93, PR00, Ram94, VZ13, Zha09, Zhu21, dBBKB⁺20, dBBKBK23]. **Tightening**

[dVE10]. **Tighter**

[BHMO22, CHPZ95, CH97, Fri84, Fri87a].

Tile [CGR12]. **Time**

[AC82, AT77, AG91, AAKS14, AFB94, AOT89, AM96, AHLT99, AM01, AAT97, ACR⁺10, AO12, AI77, AHK10b, ABCP98, AALR02, BI18, BPS10, BSS21, BNGNS01, BL04, BEK14, BBRS98, BE98, BGK16, BGS15, BGS18, BGK20, Bea91, BBR⁺99, BBI16, Ben89, BH80, Bie90, Bis78, BH19, Bod96, Boo72a, BWX82, Bor77, BFadH⁺87, BHIK97, BKM⁺17, BRS98, BDK00, BG82, BM99, BP81, BFNS15, BGK⁺08, BPP89, BP93b, BY98, CCK⁺17, CKM⁺14, CS99, CW04, CJK⁺22, CCK⁺20, CLL08, CCC⁺09, CP09, CL13, CP19a, CRT05, CMNS01, CK05, CM01, CHH02, CD17, CHM96, CT90, CW98, CPPT24, CFW93a, CV88, CSSS89,

CH03c, Col74, CTX10, COS99, CGG⁺97, CGH⁺98, CGG01, CEF⁺05, CS09, CS24, DF18, DFM23, DHH96, DD81, DvM06, DKR96, DRT92, DS97, DGP07, DSS90, DS90, DHPW99]. **Time**

[ET93, ELRS17, ERS20, Edm98, Elk06, EGS10, Eri00, EJS05, ESY17, EHJM00, FBL03, FG98, FN99, FS07a, FPS13, FR94, Fu95, GM91a, GKP98, GKM⁺21, GLP75, GLPS12, GKK13, GLLON18, Gol08, GJ13, GK12b, GMY12, GL13, Gra94, GS02, GJ19, GKP22, HHKL21, HJLS14, Had75, HH81, HSSS22, HvdMV04, HKRT95, HH72, HL04a, HW93, HSS09, IKS10, Jai07, JO92, JP05, JKLS05, JTT00, JS93, KW00, KKP93, Kar99a, KU99, KM94a, KTW99, KŠdW07, Kle08, KvM02, Ko91, KR07, KS95, KDA00, KP04, KCV92, KM75, Kup05, Kur87, Kut91, LS18, LS02, LL95, LP03, LS90, Li20, LPS20, LL90, Lu14, LMR90, MV13, Mit99, Mor08, MRR15, NN17, NPSW23, NW06, OS07, Ogi95, OW91, Pag01, PP08, PSW90, PRS23, PU87, PY91, Par77]. **Time**

[PR17, PU90, PR00, PR02, PB85, Raj96, Reg96, RT82, RLDL96, RZ16, Rub91, SS17, Saw01, Sch13, Sch98b, SLW⁺98, Sch04b, Sei77, Sel78, Sho97, Sie04, Sit21, ST13, Spi73, SVV12, SZ76, Tod91, TO92, Tze92, Vai89b, Val02, Wal98, Wan92, Wan98, WZ21, Wat14, WROM86, WLB⁺99, Yao94, YYI12, dBBKB⁺20, AB96, AS80, Blo83, Blu86, BORW88, BC82, BG90, BKRU94, CHT93, CI83, CMST85, CB81, CDR86, Dye84, ES91, FG82, GJST81, GJ86, GG86, GS87, HJLS89, Hag90, Hor87, IM83, Iwa89, Kad88, Kad91, Kal85b, KK86, KF80, KR88, Ko89, KM89, LLK80, LY89, Liu81, Meg83a, MM83, MT87, Mye85, RR89, Rei83, RY87, SW85, SWCP96, Sch78, Sha79, Sim83, TY84, TY85, TV88b, TV88a, Tom82, Ukk83, Wil85b, Yes83].

Time-Adaptive [AAT97].

Time-and-Space [HSS09].

Time-Approximation [Elk06].

Time-Bounded [Ko91, LL90, SZ76].

Time-Complexity [DGP07]. **Time-decaying** [CTX10]. **Time-Indexed** [Li20]. **Time-Lapse** [DHPW99]. **Time-Lock** [LPS20]. **Time-Optimal** [DKR96, NN17]. **Time-Randomness** [PU90]. **time-sharing** [GJ86]. **Time-Space** [BE98, Bea91, BBR⁺99, BBI16, BWX82, BFadH⁺87, DvM06, Edm98, KŠdW07, LS90, Yao94, BC82, IM83]. **Time-Stamping** [DS97]. **Time-Work** [PR02]. **Time/Space** [Ben89, FN99]. **Timed** [GL13]. **Times** [Che93, CKR72, CKL98, DD81, FR94, GM01, GJ77, Tet99, BD78b, GJST81, HR87, HCAL89, PY88, SC79a, Sim83]. **Timetable** [EIS76]. **Timing** [GM01, RW03, SLC91]. **Timing-Based** [GM01]. **Tiny** [FLS04, FSS20]. **TMs** [IM83]. **Toeplitz** [Bin84, BC87, LCC90, Pan00]. **Toeplitz-Like** [Pan00]. **Token** [PU89b]. **Tolerance** [AL07, DPPU88, KPS13, LMS98b, MSZ11, Sch87]. **Tolerant** [AP06, ABO08, BCR18, BCH97, CLPR10, KP05, LM99, MMSA93, YY85, vDMMS07, GGL98]. **Toll** [HN02]. **Tomography** [Aar20]. **Tools** [FMUY83]. **Top** [BJK⁺94, KMSV13, KS15, MGHK09, NN17, SS12a, SS05a]. **Top-NN17**. **Top-Bottom** [BJK⁺94]. **Top-Down** [MGHK09, SS05a]. **Top-Fanin** [SS12a]. **Topological** [BAG01, Dob89, GM15, HS06, NSW11, Mil88]. **Topologies** [AKU05]. **Topology** [BNFN01, BP20, CDRR07, KOWZ23, SZ00]. **Tori** [CC07, ECM03]. **Torus** [RS08]. **Torus-Based** [RS08]. **Total** [BGT16, DHK11, FS81, GRS93, HMR98, Kao97, KTW99, LP03, Li20, MMSA93, Opa79, Sch81b]. **Totally** [GHSZ08, GTV21]. **Tour** [AST76]. **Tournaments** [CHZ07, SSW03]. **Tours** [ABD⁺05, BY98, Jac90, TV20]. **Towers** [CS04]. **Trace** [Lem75, SL80]. **Trace-Orthogonal** [Lem75, SL80]. **Tracing** [GKW20]. **Tractability** [BMM21, CHM13, FG01, IMM⁺10, KST99b, MR14, DF95]. **Tractable** [AR08, CLX17, CCK⁺20, CLP⁺19, FR06, LPPS17, VHPT09, BS86]. **Trade** [AKW00, BBI16, Ben89, BN20, Elk06, FN99, PU90, Vai89b, VW85b]. **Trade-Off** [AKW00, PU90, Elk06]. **Trade-Offs** [Ben89, Vai89b, BBI16, BN20, FN99, VW85b]. **Tradeoff** [Bea91, BBR⁺99, BFadH⁺87, Kav14, LS90, PU87, Yao94, BC82, IM83]. **Tradeoffs** [BTY94, BS09, BG82, BCE95, CCKM13, CMM10, DSY10, Edm98, Eri00, IPS97, KŠdW07, SU09]. **Trading** [BKRU94]. **Traffic** [CKV10, GJ86]. **Trails** [CHH02]. **Traitor** [GKW20]. **Transaction** [HT84b]. **Transaction-Oriented** [HT84b]. **Transcendence** [ASSS16]. **Transdichotomous** [CP09]. **Transducers** [Bak78a, CC83, MGHK09, Web93, CK87, Gur82]. **Transfer** [Whi90, JKS84]. **Transfers** [CH87, CGJL85, GLP75]. **transfinite** [RS91a]. **Transform** [AC09, Bra98, GKM18, CSS90, Sut91, CDMI⁺16]. **Transformation** [BG95b, BCC⁺13, GL23, LC05, SJ05, YI83]. **Transformations** [EL86, JL77, Mil76, SV00a, Ye90, Mor80]. **Transforming** [KCH82]. **Transforms** [BC91, Cla89, DHR97, FA77, Pro92, PM03]. **Transition** [Jac72]. **Transitive** [AGU72, BGJ⁺12, BB88, BB95, Boo79, DHR97, GKV06, TV91, UY91, Sch78, Tom82]. **Transitive-Closure** [BGJ⁺12, UY91]. **Translatability** [Wey79]. **Translating** [AM75, FIM⁺14]. **Translation** [Bak78a, FIM⁺14, Rei72, SPH84b]. **Translational** [AS97]. **Translations** [EM03, HB75]. **Transmission** [KMRS18, PRS94]. **Transportation** [AT77, Fre93, TN95, AK88]. **Transposition** [Cha73]. **Transshipment** [BFKL21]. **Transversals** [EG95, EGM03, KRS10a]. **Trap** [BM24]. **Trapdoor** [PW11]. **Travel** [DRW98, AK88]. **Traveling** [ACK⁺99, AM01, ACM⁺99, BGK16, BHZ23,

CKT99, FKR95, FS07b, FSS13, GKR05, MPP22, PS77, Pap92, Sit21, SS95, TV22, CP84, HT82a, Kar79, RSL77].

Traveling-Salesman [FKR95, Kar79].

travelling [Fri87b, SRP83]. **Traversal** [BBR⁺99, FFK⁺98, Tom92, FL83a].

Treatment [FA77]. **Tree**

[AN19, ABF⁺99, AC11, And99, ABHK11, Bak78a, BV93, BGLL99, BGP⁺23, Bod96, BGA23, CCK⁺22, CRT05, Che92, CT99, CH03b, CH03c, CEF⁺05, DMW05, EHS⁺19, Elk06, EJ99, EM03, FT97, FL83a, FG92, Gia95, GadHW96, G GK16, GLS⁺24, HL04a, Hos75, KW95, Kao98, KM95, KS00, KLS⁺24, KM77, KR23, LNRS92, LP24, LAB01, LPSP05, LST99, LL92, MGHK09, MTZC81, MMS17, MR91, MR07b, NP97, PSW90, PT87b, PR00, PS12, Pur78, Raj96, Rus81, Sei90, SI87, ST94, Szp93, Tre00, WJG00, Wil00, aBC08, ASSU81, ERV81, Kun93].

Tree-Adjoining [Raj96].

Tree-Decompositions [Bod96].

Tree-Depth [CCK⁺22, KR23]. **Tree-Like** [PS12]. **tree-rank** [ERV81].

Tree-Structured [BGP⁺23].

Tree-Walking [aBC08]. **Tree-Width** [DMW05]. **Trees**

[AdBS10, ABN15, Aga92, AHU76, AK97b, AH89, AABV98, BYCDM92, BR79, BEGL24, BAFN99, Ben95, BDFC05, BST85, BH80, BCLR92, BLR⁺15, BT80a, BB95, BPWY99, Bro79, BGKP99, BM02, BCLL21, CLWZ04, CT76, CH06, CLL05, CT90, CH87, CDTT95, CK04b, CKM10, CFCH⁺00, CMSS00, Col00, CH05, CKP86, CGG01, CK01, CLY06, CS09, DP94a, DSR92, DR95c, DR95b, Dev98, Dev99, DJZC00, Dev02, DN04, DKM09, Dev12, DRT92, EEST08, ES15, EP09, 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, KM93, LW98b, Lar87, LP94, LP95, LM94a, Li86, LSS13, Lou83].

Trees

[MLZ00, Mai79, McC85, Meh77, MT86, MPRS79, MYSH77, MR01b, NSV94, NR73, Nis91, NRS99, OS07, OL74, OPR⁺84, PRS23, PR99, Pro92, RH77, Rus78, STU97, SCH81c, SY12, SP75, Tro78, Vai88, Vai87, WG05, WC90, WZ21, Wil00, WROM86, WLB⁺99, Yao91, AMS84, AKR95, BH81b, CW83, CL91, CMST85, CB81, DM88, EMC85, FLST86, Fre85, HY88, KS93, KIM81, KMZ87, LW86, MR80, Meh82, Mil88, Pro88, RS78, Shi79a, Vai90, Wil89, Yao82, ZR79, ZS89].

Treewidth [ACP⁺24, BST23, Bod96, BH98, BDD⁺16, BT01, CR05, FFKP18, FKTV08, FLM⁺22, LPPS17, OR21]. **trellis** [IKM85].

Trevisan [DPVR12]. **Trials** [Hol73, Hol74].

Triangle [CL09, GRS16, LM12, MSS07].

Triangle-Dense [GRS16]. **Triangles** [AWY18, BFvRV15, ELRS17, ES05, ES22, MPS⁺94, PT02]. **Triangular** [He93, HL04b].

Triangularization [HM91]. **Triangulated** [BX91, EHSS99, HO02, BX92].

Triangulating [LM12, TV88b, TV88a].

Triangulation

[CW98, ET93, Ram94, Xia13, YY14].

Triangulations [BRLW19, BM04b, BFvRV15, FTV15, LM12, ZH05, vKLM10].

Triconnected [FRT93, HT73]. **tridiagonal** [Zel88]. **Trie** [LSH05]. **Trie-Based** [LSH05].

Tries [NS08, PHNS09, Sch04a]. **Triple** [COS99]. **Triple-free** [COS99]. **Triplets**

[CK01, JNS06]. **Trivial** [KST93]. **Truly** [BGSW19]. **Truncated** [MS04, FHK⁺88].

Truth

[AHM⁺08, BK88, OW91, Ukk83, Yes83].

Truth-Table [BK88, OW91, Ukk83, Yes83].

Truthful [AKSW22, BSS14, CK13, DSS18, DDDR11, Dob21]. **TSP**

[ABHK11, BCK⁺07, CG12, Kle08, MSVW16, Mit99, TVZ22, Tre00, dBBKBK23]. **Tucker**

[VP03]. **tuple** [BV84]. **Turing**

[Bis78, CG97, Fu95, Gil77, HR97, KvLP88,

Ko91, KLL90, LL90, MS87a, Pri79, Rub91].
Turing-Complete [HR97]. **Turn** [ABD⁺05]. **Turning** [FSS20]. **Turtle** [Mar99]. **Tutte** [GJ14, Ver05]. **Twice** [BSS12, GSV99, SV95]. **Twice-Ramanujan** [BSS12]. **Two** [AM06, AGM⁺11, ABF94, AB98, ABT21, ANSS21, BCR80, Bak86, BKS92, BADTS22, BSRZ15, BKT24, BH19, BDFP86, BCD⁺89a, BCD⁺89b, CK95, CM94, Coh21, CGH⁺98, CGG01, DDMM05, DGV05, ĐG84, DS07, DS90, FK00, FKS93, Gab77, GP96, GJ77, GLM⁺99, HNO⁺20, Har99, HM87, HN94, HL72, IJTW95, IISI05, ISK⁺12, KMR87, KU99, Ken76, KMV92, KMPHT14, KMP⁺20, KT15, LS77, LPS20, LMR90, Meh18, MMP08, MO74, PST00, SV08, Set76, She13, Shp09, TN82, Tom82, Ukk83, AS80, BS83, BT83a, CF86, CGJT80, Coh83, CK87, Dye84, EW86, Gab88, Gol81, Gur82, HM81, HR87, Huỳ86a, MS87a, NHL82, SW79, VV89].
Two- [KU99, Dye84]. **Two-Dimensional** [ABF94, AB98, ANSS21, CK95, CGH⁺98, GP96, Har99, BS83, CGJT80, EW86, Gol81]. **Two-Level** [MO74]. **Two-Local** [KMP⁺20]. **Two-Party** [HNO⁺20, SV08]. **Two-Player** [Meh18]. **Two-Processor** [GJ77, VV89]. **Two-Prover** [FK00]. **Two-Round** [LPS20]. **Two-Sided** [AGM⁺11]. **Two-Source** [BADTS22, BSRZ15, Coh21]. **Two-Stage** [DGV05]. **Two-State** [CGG01]. **Two-Terminal** [BKS92]. **Two-Variable** [KMPHT14, KT15, PST00]. **Two-Way** [DDMM05, DS90, IJTW95, CK87, Gur82, HM81, MS87a]. **Type** [Hal08, Hav04, JV08, KC96, BT83a, Don79, KMS18, RI89]. **Type-** [KC96]. **Typed** [Jaf80]. **Types** [DCV90, Jay98, LM82, Sco76, Dob89, NHL82]. **Typical** [BV06].
UET [Gab88]. **Ullman** [APS74]. **Ultimate** [JS89a, KS86]. **Ultimately** [BKT24]. **Ultrafast** [CLP20]. **Ultrametrics** [ABN15]. **Unambiguity** [ST09b]. **Unambiguous** [HR97, RA00, SS77a, GG86, SH85].
Unanimity [DKK⁺19a]. **Unapproximable** [Zuc96]. **Unary** [FP86, GHK96, KT88, Iba78]. **unate** [Zwi91]. **Unbalanced** [AK23]. **Unbiased** [CG88]. **Unbounded** [AFG⁺14, Bei90, Fei06, RS85b, RS91b, RS91a]. **Unbounded-Length** [AFG⁺14]. **Uncapacitated** [BA10, CS03a]. **Uncertainty** [CS19, FMP⁺03, MMS17]. **Uncolorability** [CM87a]. **Unconditional** [Elk06, Vad06]. **Unconstrained** [BFNS15]. **Uncoordinated** [AGM⁺11]. **Uncrowded** [BKL99]. **Undecidability** [AKK⁺09, Mil72]. **Undecidable** [BJKP05, GK99, Mar99, CV85]. **Understanding** [FW90]. **Undirected** [AZ07, BK10b, BCKK19, BBR⁺99, Bjö14, Chu16, Edm98, GM78, HS85a, KR95, Kle08, MRSV21, PR05, RZ12, Seb97, STU97, Tri08, BKRU94, HJ85, Rei83, Shi79a]. **Unequal** [DD81, GY96, FK88]. **Unfair** [BCLL21, FM03]. **Unfamiliar** [BRS97]. **Unfolding** [AAOS97]. **Unidirectional** [AG94a]. **Unification** [LSSV08]. **Unified** [CDW21, CPT96, FA77]. **Uniform** [AG94b, BTW00, BJ99, CK09, CS80, Dob84, FL83c, GW17, GJMM00, GK18, GMP23, GIS77, GKM83, HC83, IM20, IJK09, IJKW10, JS05, KW93, KS17a, LS98, MSW81, PP08, SU09, Yun79, Fri87a, Fus88, Gab88, HS88, SC79a]. **Uniformity** [MTV10, ST09a]. **Uniformly** [GKP04, GM92]. **Unifying** [GPV94, Pät11]. **Unimodal** [GR93]. **Unimodular** [GTV21, KM97b]. **Unimodularity** [DHK11]. **unindexed** [Wil85b]. **uninteresting** [SPH84b]. **Union** [AIGT94, AST97, AdBES14, BS93, Efr05, ES05, Luc90, NSV94, PT02, Blu86, MNA88, WT89]. **union-split-find** [MNA88]. **Uniprocessor** [KS95]. **Unique** [Bea91, BE17, CRS95, DFHS08, GL17, Hen92, Her14, KRT10, LR88a, ST94]. **Unique-SAT** [Her14]. **Uniquely**

[AO95, HNOS96]. **Uniqueness** [AMT07, CLV23, Eft16, EHS⁺19, DMT88]. **Unit** [CLL08, CDO⁺22, FR94, GZ05, KPST94, MMR95, GJST81, Sim83, SW89, SRP83]. **Unit-Demand** [CDO⁺22]. **Unit-Disk** [GZ05]. **unit-length** [SW89]. **Unit-Speed** [CLL08]. **Unit-Time** [FR94, GJST81, Sim83]. **Unitary** [DS02, FA77]. **univariate** [Kal85b]. **Universal** [ABS04, BNBK⁺89, BG09, BMIM07, CF22, CH85, Dev98, EMSV12, ELMS⁺12, GMWW17, MS17, Sie04, Tom92, vDMMS07, Pri79]. **Universalization** [ADK04]. **Universally** [BN14, GRS12]. **Unknown** [AH00, AW21, De 10, SW99]. **Unlabelled** [Wor87]. **Unless** [AR08, BI18, KvM02]. **Unlimited** [AIGT94]. **Unordered** [KM95]. **Unoriented** [ABSD⁺98]. **Unpredictable** [BBS86b]. **Unranking** [GLW82, Li86]. **Unrecognizable** [TT13]. **Unrelated** [BSS21, Sve12]. **Unreliable** [ELMS⁺12, ISK⁺12]. **Unrestricted** [BTY94, Goe93]. **Unrooted** [KLST00]. **unsatisfiability** [Pla80]. **Unsatisfiable** [FGK05]. **Unsolvability** [HJ90, Iba78]. **Unsplittable** [AAE13, BSW14, KS02]. **Unsupervised** [NSW11]. **unsymmetrical** [Sch79]. **untangle** [MY91]. **Untangling** [LDRT24]. **Until** [TT01]. **Untrusted** [CKS11]. **untyped** [JK83]. **Unweighted** [EP09, GS21a]. **Update** [Alb98, BGS15, BGS18, FG98, RZ16]. **Updates** [TA99]. **Updating** [SP75, Fre85]. **Upper** [ABS07, BC91, CEEP16, CFKX07, Chi76, CH97, CDR86, DP94a, DKM⁺94, GG92, Gaz91a, GadHW96, GM18, PY91]. **Upward** [BDMT98, GT01, HL96]. **Use** [ACHAH16, SW21, Cha88]. **user** [BD81]. **Uses** [Lic82]. **Using** [AN19, AST99, BIW06, BATS11, BOC92, BJ99, BFvMT00, BJK05, CFK⁺21, CCH⁺16, CIL94, DKSS13a, DLM22, DH13, ES81, Gan95, GJMM00, GKL13, GPST92, GKS93, GSY95, HRTS03, HL04a, HVV06, HR92, Koz21, KM93, LM08a, LR21, Mei13, SJ05, Sho92, Tet99, Yac98, CRS15, Fil19, HS88, KLL17, OH87, VSBR83]. **Utilitarian** [BKV11, GKL14]. **Utilities** [GMSV15, Jai07]. **Utility** [Fei09, GRS12]. **Utility-maximizing** [GRS12]. **Utilization** [GS73, BH81b].

Vacillation [Cas99]. **Valiant** [ABW18]. **Validity** [JT86]. **Value** [Alb09, Cus98, FK03, GL23, RY96, Wal79, Hen80, IR96]. **Valued** [CRZ22, HKP14, KTZ15, KKR17, TZ17, Web93, CK87, HITK79, JKK06, RS83]. **Values** [CCL13, FHOS97]. **Vanishing** [CGW16]. **Vapnik** [DSS18, DHV22]. **variability** [RS85b]. **Variable** [BKT24, EL08, FL86, GLP75, IL82b, KKMO07, KMPHT14, KT15, LS97, NS22, PST00, SvSE03, Dye84, Kni88, Mur87]. **Variable-Sized** [EL08, SvSE03, Mur87]. **Variables** [ART09, CM94, Fei06, Fra91, HN94, KST93, LMR90, ST09a, AS80, Fri86a, FHK⁺88, JK83]. **Variance** [CDK⁺11, DR95b, Fei06, Kou82]. **Variance-Optimal** [CDK⁺11]. **Variants** [NH90, LVW84]. **Variational** [MMR95]. **Varietal** [Koz09]. **Varieties** [BS00, BT83b, BE88, Gal84b, MS08b, dG83]. **Various** [Sky76, CK80]. **Varying** [HN02]. **Vazirani** [BEG17]. **VC** [KW93]. **Vector** [BDL14, BEW80b, DGY11, FLS04, IKKP19, KPV14, Wir79, RS83, Sys81]. **vector-valued** [RS83]. **Vectors** [Hir80, MV75]. **Vegas** [Yu22]. **Vehicle** [CKR01]. **Verifiable** [CCM⁺19]. **Verification** [Coo78, DGL23, DRT92, Ger76, Mah22, RS00, SHK⁺12, SPH84a, Coo81, MR84]. **Verifying** [AFL08, CC97, Kre90, dOS94]. **Version** [Bar18, BBP00, BGS18, FKKN11, GR93, HNR08]. **Versions** [Zuc96, Gef93].

Versus

[ALN⁺12, BG94, BDV21, BKK⁺04, Gas87, Goe93, LL95, FMS05, FN07, GGM12, GP04, HHH05, KMSV98, Ros18, SU09, Wil16].

Vertex

[BX91, BBFT23, BYGNR98, BCG⁺21, BHI18, CVV03, CL09, DV00, DGKR05, DP20, EGK⁺14, EGIS98, ENZ00, FL12, FHL08, Gal80, GMPT10, GKPS08, GTV21, Hal02, KKL04, KLL17, Moi13, Oht76, RTL76, BX92, CKT93, Hoc82, MT84, RLWW97].
vertex-coloring [MT84].

Vertex-Connectivity [KKL04].

vertex-disjoint [RLWW97].

Vertex-Weighted [CL09]. **Vertical**

[AES99, PS91, dBG08]. **vertices** [BM88].

Very [BL93, Ebe89, Gus90, HS90, SZ99].

Via

[AJ22, BG95a, DLWZ14, Mur95, AFGN22, AFGN23, AN06, ANSS21, Bar18, BEGL24, BCGL17, BHMO22, BSRZ15, BGP⁺22, BGG⁺19, BG96, BHK09, BRLW19, BGG22, BGSW19, BCLL21, BNS18, CCWZ18, CLP20, CVZ14, CK00, CLV23, CT00, CV14, CGP⁺20, CHKZ03, DSS18, DL91, ESV20, FX15, FW14, FTV15, FLM⁺22, FGRV14, GP18, GKM18, GQ17, GLS⁺24, GTV21, GHH⁺17, HLP17, HT21, HV20, IM20, JV08, KLL⁺15, KN05, KLS⁺24, LS22, LS16, Li20, LSS⁺21, MNRS11, MR12, Mur90, Nat99, NPSW23, PS97, Pro92, RSW06, RS10c, Rot16, Sto79, Wil18]. **View** [KS20, NSW11].

Views [KMSV98, SI87]. **Violations**

[Cha05]. **Virtual**

[AIK⁺20, EGOS07, SV00b]. **Virtually**

[KK02]. **Virtue** [AMRU22]. **Visibility**

[GM91b, HM95, KM00, PS91]. **visits**

[CP84]. **VLSI** [AKW00, BG82, Cyp93b,

EGS03, Ham83, HS85a]. **Voltage** [LY05].

Volume [CV18, DF88, ZS02]. **Volumes**

[DGH98, LS22]. **Voronoi** [AdBMS98, BRLW19, CHLX17, CW98, Fil19, GKM⁺21, KS03a, MV13, IIM85, LW80, LD81]. **Voting** [CK14]. **vs**

[BvMR⁺00, DF92, GPW18, MS01].

w [Ngo05]. **Wait**

[AR02, CHJT04, CIL94, Hav04, LH00, SZ00].

Wait-Free

[AR02, CHJT04, CIL94, Hav04, LH00, SZ00].

Waiting [CFW93a, CKL98, MM83].

Waiting-Time [CFW93a]. **Wake** [CGK07].

Wake-Up [CGK07]. **Wakeup** [FMRT96].

Walk

[ABS07, Amb07, FMM11, HP00b, MNRS11].

Walking [BBR⁺99, IKL⁺04, LM15, aBC08].

Walks [DF18, Gil98, GH73, GH74, KSS20,

LV22b, MS04, Ver09]. **Walksat** [COF14].

Walrasian [FGL16]. **WANs** [KK02]. **Want**

[BDP23]. **Wardrop** [FRV10]. **WARM**

[ML00]. **WARM-UP** [ML00].

Watermarking [CHN⁺18]. **Watson**

[Dev12]. **Way**

[App13, BYJK08, BCPR16, BP02, CPS16,

DDMM05, DO04, DS90, Fab77, GKK⁺09,

Got81, HNO⁺09, HRV13, HO14, IJ87,

IJTW95, KYN07, Kla07b, KMN⁺22, CK87,

Gur82, HILL99, HM81, MS87a]. **WDM**

[Ngo05, RW05]. **Weak** [ACG⁺16, ACRT99,

ACH10, BHMO22, CHS12, GGM12, Koz21,

Pac74, Spr02, SZ99, CG88]. **Weaker**

[BOBP⁺04]. **Weakest** [GHKT12]. **Weakly**

[EHSS99, KMR22, Lut95, LZ00].

Weaknesses [BBBV97]. **Web** [CKL⁺13].

Weight

[AABV98, BX91, CRT05, CT90, CPPT24,

CEF⁺05, CS09, FHL08, GKP98, HC99,

HL87, KLST01, KRY96, LPSPPO5, PR00,

RLDL96, YY14, BX92, Hsu85, KMZ87].

Weighted [AFB96, BX91, BPS10, BSS21,

BGK20, Ber16, BGW00, CCL16, Cha10,

CKT00, CD03, CGGS19, CL09, DGJ09,

Gab77, GS21a, GS21b, HP98, IK22b, KR95,

Li20, MM02, Meh77, MR07b, MRR15, PR05,

Rod10, Sch98a, SLW⁺98, Sch04b, Vai87,

Vai90, WW13, Zim98, BX92, BHL18,

GMG86, HLP17, KK86, SR83, WE80].

Weights [Kle08, LW18, Nut10, Lue81]. **Weil**

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Arya:2003:ECC

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