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Title word cross-reference

#CSP [MM16]. **#P** [Bac99]. **#P-Hard** [Bac99].

$(1+i)$ [Wei00]. $(1,1)$ [FES11]. $(C_2,0)$ [Gen22]. (i,j) [MP04]. $(k,3)$ [HJ15]. (N,N) [Sha01]. (n^2-1) [RW90]. (w,σ) [AP10]. $(x-\alpha)^m$ [BKSV20]. $(x-\beta)^n$ [BKSV20]. $(xy)z=y(zx)$ [HJM93, HJM94]. $*$ [Con93]. 0/0 [Chi08]. 1 [ES20, FFP98, Mos08]. 1000 [RDU03]. 112 [KLZA12]. 12 [BCE+01]. 15 [KM00b]. 17 [Wil93]. 2 [AKS12, BdlCRLS19, Cre01, DS02, Eic10, GS12, HLM95, JPPSG09, Kos07, Sha01, SW97b, Wil90]. $23 \leq n \leq 26$ [Ng89]. 2^6 [Wur93]. $2A$ [Mat01b]. 3 [AOW23, BNT18, GKR23, JWC+16, LN13, LMM05, Wil90]. 32 [Ano01f]. 3×3 [HKS21]. 5 [GSHPBS12, Har13]. 6 [Har13]. 64 [NV07]. 8 [HTZ04, dGPS09]. 81 [NV07]. 9 [Gaá00]. $[P]\colon M^\infty$ [Mor99]. ^{2} [Alc16, AOW23]. $_0$ [CF09b]. $_n$ [BP00]. A [BP00, Chi01, CC07, DGKR25]. $A_n(k)$ [GV03]. AC1 [Con93]. arctan [Str12]. B [Hel96, Nak09, NN10]. β [Wir12]. $B\hat{\mathrm{S}}\mathrm{O}_n\langle 16\rangle$ [Ng89]. $\mathbf{Z}_p$ [Ree98]. C^1 [GHC92]. C^2 [JPNP23]. C^n [KKM15]. $\mathbf{C}^r$ [MP89]. $C_{3,5}$ [OT13]. C_n [GLW99]. $\mathcal{D}$ [CJUE06]. $\mathcal{EL}$ [LW10]. $\mathcal{L}_\infty$ [KS06]. Co_3 [SW97b]. D [BS24b, CJUE01, CvHKK18, CKLZ19, EST25, JPP19, NOT18, OTW00, OT01, Pan89, Tab25, TW01, Ngu09]. $D_6(p^f)$ [LMP19]. DD [JPP19]. ddet [MKF93]. Δ [FHR99]. δ^+ [Wir12]. Δ_1 [PS95a]. $d \leq 15$ [Mal87]. E [DJ92, Bee01, Naw16]. $E_6(p^f)$ [LMP19]. $\mathrm{E}_8(C)$ [GR01]. ϵ [OPP93]. exp [Str12]. F [PW85, HT17, Mur23]. $F(x,y)=G(x,y)$ [Gaá93a, Gaá93b]. F_2 [GR12]. F_5 [BFS15, GHMA13, HA10, Kin14].

$\mathbf{F}_p$ [Vir93]. FP_3 [CO94, CO96]. G [PW85, BFG07, BF11, LH18]. G/H [Hel96]. G^1 [Far19]. G_{20} [Mar19b]. G_{21} [Mar19b]. G_4 [BCCK20]. G_5 [BCCK20]. G_6 [BCCK20]. G_7 [BCCK20]. G_8 [BCCK20]. $\mathbf{G}_a$ [van93]. $\mathrm{GU}(3,q^2)$ [FF17]. $\mathrm{GU}(4,q^2)$ [FF17]. H [AP08]. h^* [BEZ23]. $\hat{D}$ [Nak09]. $I_1(XY)$ [SST18]. J_1 [CH96]. J_3 [Wil90, Wil93]. K [Gün90, BE13, BMQS06, Hel00, JH21]. $K(x)$ [KST93]. $K(x,y)$ [HP91]. $K[[x]]$ [AGSM17]. $K[x]$ [AGSM17, GSSV12]. λ [SP10, Tak89]. $\langle T\rangle$ [LMPX11]. ≤ 50 [BL96]. ≤ 7 [FMM07]. $\lim+$ [Wir12]. LLL [Van00]. log [Str12]. LU [Car15]. Ly [Gol01]. m [Koe95, RZAG99]. M_{11} [Kön17, MZM87]. $\mathbf{C}^n$ [Wal05]. $\mathbf{C}P^3$ [HS09]. $\mathbf{F}_4$ [HK10]. $\mathbf{F}_p$ [Sal08]. $\mathbf{P}^2$ [DJ07]. $\mathbf{P}^3$ [HMXD07, MHXD09, MPSXD09, BG05]. $\mathbf{P}^n$ [Dum09]. $\mathbf{Q}$ [AHS18]. $\mathbf{Q}(\zeta_7+\bar{\zeta}_7)$ [HLSW16]. $\mathbf{R}^3$ [GV16]. $\mathbf{R}^4$ [FG16]. $\mathbf{R}\mathcal{H}\mathrm{om}_{\mathcal{D}}(\mathcal{M},\mathcal{N})$ [Wal05]. $\mathbf{Z}[\mathbf{x}]$ [JY17, Abb13]. $\mathbf{Z}_q[u]/\langle u^2\rangle$ [TS24]. $\mathcal{A}$ [FC04]. $\mathcal{D}$ [Mon05, Wal05]. F [Mur24a]. m [SSP25]. μ [CW03, CCL05, CR19, DJ96, Doh09, Eit94, HHK17, Kal11, MP89, ZS01]. N [KP91, BM01, BY23, HR19, BF91, BPH07, CIL07, EL12, FKM10, GHL16, LFD19, Nor95b, Nor95c, XZ25, YXL99]. $n \leq 10^6$ [Kan91]. O [CLM16]. $O(n^3+n\log n\log(\log n)\log q)$ [Pol95]. $O^+(4,q)$ [FF17]. P [CDKW25, Guo20, hHL21, MS10, AIRR12, BCI13, BR87, Con90a, Dor21, EG21, LMP19, Led00a, Lim93, MF90, O'B90, O'B93, O'B94, SW02, Sla86, Win88]. P^1 [PP25]. p^2 [BvzGZ13]. P^4 [DS00, GEL05, DMS21]. P_5 [Par22]. π [WZ23]. $\Pi\Sigma^*$ [ABPS21]. $p \leq 31991$ [Ree98]. $\mathrm{PSL}(2,41)$ [GR01]. $\mathrm{PSL}(2,49)$ [GR01]. $\mathbf{Q}$ [MZM87, Mau87, BR87, DV00, AU21, AR13, AGRZ99, BLM22, BK99a, BY23, CHM05, CX09, FKTS12, GG92, GHLZ21, Kra95, MZ05, Mu08, PP11, Rie03, SK12, WZ23, Zha03]. $\mathbf{Q}(\sqrt{2})$ [Deu93]. $\mathbf{Q}(\sqrt{3})$ [Deu93]. QD [Cuy97]. QPC_2 [Tak93]. R [Sht88, dG01, HZ19]. $R[[t]][x]$ [MR17]. $R[x]$ [Sht88]. R^n [Ric99]. R_2 [BELT21]. R_3 [BELT21]. $R\Pi\Sigma^*$ [Sch17b]. $r\times 3\times 3$ [BR06a]. S [BP00, EYZ21]. $S(F_4)$ [GG92]. $S(F_4)^\vee$ [GG92]. S^2 [BELT21]. $S_k(\Gamma_1(N))$ [Wan94b]. S_n [Ber04, Cla21, FIMT24, Mau87]. S_{n-k} [Cla21]. $\mathrm{sat}(T)$ [LMPX11]. $SL(2,C)$ [Chu99]. $\mathrm{SL}(n,K)$ [PS89]. $\mathrm{SL}_2(11)$ [Klü00]. $\mathrm{Sp}(4,q)$ [FF17]. T [PS95e, BPD19]. τ [KPT15]. θ [dG11]. U [MKF93, BR22]. $Uq(sl(2))$ [JJ01]. V [DMY16]. $V[X]^m$ [DMY16]. $\|$ [JKP98, PS95c]. x [GSSV12, MR17]. x^p [ES23]. $x_m \bmod p(x)$ [Pan96]. $Y'=AY+B, Y'=AY$ [Ber02]. $y^2=x^p-x+d$ [LLL08]. Z [BM00, LMZ23, WyW93]. $Z[i]$ [Wei00]. Z^n [BL12].

-action [MP89, van93]. **-adic** [AIRR12, BR87, Dor21, MF90, Win88, SSP25]. **-adics** [Lim93]. **-algebraic** [EST25, Tab25]. **-algebras** [BMQS06, LH18]. **-Algorithm** [Cuy97]. **-analogue** [CHM05, PP11]. **-analogues** [WZ23]. **-ary** [Wei00]. **-bases** [Doh09, HHK17]. **-basis** [CW03, CCL05, CR19, GSSV12, ZS01, Pan89]. **-beam** [KP91]. **-binomial** [Kra95]. **-Calculus** [Tak89, Kal11]. **-canonical** [AP10]. **-cases** [GG92]. **-conjecture** [KPT15]. **-constant** [MP89]. **-cube** [FKM10]. **-D** [YXL99]. **-descent** [Cre01]. **-difference** [AR13]. **-Dimensional** [Nor95c, AOW23, ES20, JWC$^+$16, Nor95b]. **-discriminants** [CC07]. **-ellipse** [JH21]. **-Expressions** [OPP93]. **-extensions** [Sch17b]. **-field** [ABPS21]. **-finite** [BS24b, CvHKK18, CKLZ19, JPP19, JPNP23]. **-Fold** [Koe95]. **-function** [BPD19]. **-functions** [Eit94, NN10]. **-gonal** [BCI13]. **-Gosper** [BLM22, Mu08]. **-graphs** [BFG07, BF11]. **-Group** [O'B90]. **-Groups** [O'B93, O'B94, AOW23, Con90a, JPPSG09, Led00a, SW02, Sla86, dG11, BM01]. **-Hahn** [AGRZ99]. **-holonomic** [BY23, SK12].

-homogeneous [MR17]. **-Hypergeometric** [BK99a, Rie03, Zha03, Mat01b]. **-integer** [GHLZ21]. **-invariant** [Cla21]. **-invariants** [BR22]. **-Laguerre-Hahn** [FHR99]. **-lattices** [JY17]. **-log-convexity** [HZ19]. **-matrices** [HKS21, dG01]. **-Modular** [HLM95, SW97b, Wil90]. **-module** [PS89]. **-modules** [CJUE01, CJUE06, Mon05, NOT18, OTW00, OT01, TW01, Wal05]. **-norm** [KS06]. **-orbits** [Hel96]. **-orthogonal** [FKTS12]. **-Partitioning** [Gün90]. **-periodics** [GKR23]. **-polynomials** [BEZ23]. **-power** [SK12]. **-problems** [Con93]. **-puzzle** [RW90]. **-radicals** [EYZ21]. **-Rational** [WZ23]. **-recursive** [CDKW25, hHL21, MS10]. **-residuals** [Mur23, Mur24a]. **-resultant** [MKF93, FC04]. **-resultants** [Chi01]. **-ring** [EG21]. **-rings** [EG21]. **-Roots** [BF91]. **-saturation** [DMY16]. **-schemes** [Guo20]. **-sequences** [CLM16]. **-series** [AU21]. **-set** [LFD19]. **-simple** [BE13]. **-solvability** [Ngu09]. **-step** [BdlCRLS19]. **-Steps** [Wir12]. **-subgroups** [Hel00, LMP19]. **-subnormality** [Mur23, Mur24a]. **-sums** [Naw16]. **-systems** [AP08]. **-th** [XZ25, BY23]. **-theorem** [PS95e]. **-threshold** [HT17]. **-transformations** [WyW93]. **-types** [EL12]. **-unification** [DJ92, Con93]. **-uniformity** [MP04]. **-varieties** [Hel00]. **-view** [BNT18]. **-WZ** [CX09]. **-Zeilberger** [MZ05].

1 [Kal90]. **16** [HJM94].

2 [Sti03]. **2-nomial** [Li10]. **20** [Nor95b]. **2009** [JKP12]. **2011** [ES13]. **2014** [NSW16]. **2017** [EY21, MMO18]. **2019** [BDT22]. **2021** [CL23, DKM23]. **2023** [Ano23l, Ano23k, Ano23j]. **2024** [Ano23h, Ano24h, Ano24g, Ano24i, Ano24j, Ano24k, Ano24l]. **2025** [Ano25d, Ano25e, Ano25f].

3 [CLL17]. **33** [AP04, DHM11]. **37** [AK06, HZ15]. **39** [Hil05b].

41 [Ano06, Fer06a]. **42** [HP08, MHXD09]. **45** [FS13, KMR18, RS11b].

5 [Sag89]. **50** [BR25, HdC16]. **5th** [CIM17].

60th [GW11]. **6R** [HLSS15].

7 [KL90].

87b [Kal90].

9 [KT94]. **91c** [KL90]. **91h** [KT94]. **94i** [HJM94]. **99** [Ano01d, AJ01].

abelian [AH13, BJT22, Gau09, LR15, AH01, BJSS89, CDO01, GN04, Pie24, Wal02a, Wal02b]. **Aberration** [NSW85, WK91]. **Abortion** [SK91]. **Absolute** [BR87, Hon98a, Kal85, PGH+25, BS10, BCG10, CG06, EGW09, Kal90, KMR18, MR10, PS20, Rup04]. **Abstract** [BB93b, CP97, FLOR00, GSA+12, Kal97b, MMO94, OPP93, BSC12, QHL+13, SJ12]. **AC** [AK92, Dom92, Fer96, LM94b, MU04, NR97]. **AC-termination** [MU04]. **AC-Theories** [NR97, LM94b]. **AC-Unification** [AK92]. **AC1** [Dom92]. **academic** [GK12a]. **Accelerated** [Web96]. **Acceleration** [BSC12, SJ12]. **Accelerator** [AB89]. **accelero** [vdH07b]. **accelero-summation** [vdH07b]. **Acceptors** [FB93]. **accessibility** [LLTPT+11]. **accessible** [BPT11]. **according** [FS16]. **Accurate** [AT96]. **Achievements** [Gre00b]. **aCM** [CLM16]. **across** [GK18]. **Acting** [Hel00]. **Action** [Hv95, GES05, HK07, Hub09a, Kud22, LS24, MP89, van93]. **Actions** [BH00, Bay03, BJT22, Cla22, CGP23]. **Activity** [AGMT98]. **Acyclic** [Tha93].

adaptation [Sal08]. **adapted** [Met25]. **adaptive** [BF20, JKKK20]. **Adding** [SO89]. **Addition** [HI94, Fuk04]. **Additive** [BLL+16, HK10, vzGGZ21]. **adhesive** [BBC+11]. **adic** [AIRR12, BR87, Dor21, MF90, SSP25, Win88]. **adics** [Lim93]. **Adjacency** [ACM88, MC02, HDPS11]. **Adjoint** [Mňu97, SV92, DPS23, SS11, Vil11]. **adjoints** [CQ12, Wei13]. **Advances** [Ano00b, GR98, Yan99]. **Adventures** [LC89]. **Advert** [Ano03a]. **Affine** [CM93, HJS13, Wal00, BGMSG07, BJS04, BS21, FFP98, GMKP21, HJ18, NNPZN19, RDU03, SSS23, Sch07, Sch17a, Shp14, Tab11, VVY21, Wib07, van93]. **Affinity** [BGH93]. **AG** [MRG13, MRG17]. **AI** [PdRAEC24]. **Aided** [Wil95, DJ89, KD90]. **aiding** [Sil04]. **Alexander** [KP15]. **Algebra** [AGM97, Ano99c, AM88b, BC01, BG01, BGH93, BB92, Ber93, BK99a, Bos01, BK99b, CP97, Cap90, CO01, CL00, Cav86, CF91a, DGS96, Dav88, Dav02, Die92, Div91, Ebe01, Eis90, EC87, FS95, GV99, Grä95, Gre00b, Gri88, HSS02, HS95, HKL99, Hub00, Jac97, KS98, Kal97b, KKL92, Koe92, KG03, KR97, Lab95, LS02, MC97, NMM90, OT87, OZ94, Pro00, PGH+25, Rob97, Rd91, RST01, San95, Sch96, She92, Vei97, WS98, Web95, WBM99, YP91, AP90, AG91, BW05, BC06, BBF17, BDPR13, BCP97, BKG21, BKHG21, BR12, CS05a, CLS91, CM09, DHH+04, DPS16, DT06, DW22, ES23, EPY98, FGPGP14, FS98, FK89, GH05b, GSZ85, Ger19, GTLN17, GSSV12, HV22, JMPR04, KL19, KASW05, LL13, Mas16, NSW16, NPP17]. **algebra** [OdR03, Oll88, Par08, Píl07, SM18, SMB03, SY25, SS88, Sti03, TM89, BD15, KK09, Tra07b, Yok17]. **Algebraic** [AF88, ACM88, Arn88b, AM88a, BGLGM17, BF91, BGK86, BDS17, Boy93c, Bro01a, BK90, BW87, BEM00, CFRS23, CDF92, Cha00, Chi96, CL23, CH91b, CJK02, Com98c, CR88, CS06, Cza89, DGLM+24, Duv94, EY21, Enc95, For87b, GSS05, GPWZ02, GSST98, GKO09, GVGC99, Gre00b, HHK+23, HPRS11, Hes02, HSW97, HKSS17, Hub99, IS10, JKP12, Kal93, Kal01b, KR94, KFF88, KLZ96, LM89, Laz92b, Lee08, MM00, McC88, MC02, Mil87, Mňu97, NT17, Nau98, Poh97, Ren92a, Ric92a, Rie93, Ris88, Roc22, RS90, SF90, SJA01, SGD97, Sed02, SME87, SW97a, Sen02, SS95, SU93b, Smi02, Str97, Str06, Stu91, TM89, Tra98, Ura24, YNT92, Zha90, van94, van97c, vdP99, AV11, AMT09, AS05, ASS07, AS07, Alc08a, Alc08b, Alc12, BGLHR12, Bas06]. **algebraic** [BR10, Bay03, BKV24, BS22a, BJS04, BP11, BC22, BDE+16, BK15, BS09, BCGY12, CR98, CFMMP10, CDM+13b, CDM+13a, CM16, CJL13, CJP+24, DJO+11, DM09, DGPP10, DM05, DJK05, DMR12, DDM15, DR23b, El 08, EST25, EGS23, ES13, EBD21, ES20, FGLH+23, FLE+23, FGVN06, Fit85, FGPT03, FGL04, FGP05, FGT09, FK09, GPS09, Giu88, HHS23, Har13, HS17a, Hil87, HS21b, Hor24, Hub19, IT10, KZ08, KS12b, KBRV24, KÁ21, KKM15, LPT20, LXZZ23, MSY21, MM16, MCMMPR14, MSW15, Mer10, Mor91, NÁS+24, PdRAEC24, Pra13, PES24, Qi06, Rei06, Rio03, Sag88, Sag89, LT22, SS11, Sha13, SvE14, SvE21, Sor22, Ste05, Sti03, Sto17, Str16, SvH19, Tab25, TN09, VGW18, VL10, Wal05, Wan18, XY02, Zen06, dG09]. **algebraically** [Ste10]. **Algebras** [BS90b, BR87, BH02, DR92, Drä01, Dün94, EG00, GK96a, HT95, Let01, Rón90, Ros93, VL93, Vel00, dG01, vdP99, AL88, BdlCRLS19, BMQS06, BDM17, CGGO09, CGS97, CS98, DFdG13, Dra03, EG04, EKP22, Eic10, GIL88, HL18, IK13, IL09, JMV23, KP13, KRW90, Kut19, LPT20, Lab90, Lea06, LZS11, LH18, LW03a, LW03b, Li10, LG21, Mad14, MS09, MM04b, NOT18, OdR09, Orl22, PRR18, QR07, RR05, Roo13, RR08, Sch19, Shi04, Wur93, ZGG23, dG09, dGPS09]. **algebroid** [MSS21]. **Algorithm** [AB22, AS01, ACM88, Arn88b, AM88a, Bah01, BO10, Baj86, BP99a, BL98a,

BEM97, BL85, BC93, CM96, CGG89, CS90, CD00, Col02, CF94, CKS99, Cuy97, Cza89, DR00, Die92, FOS25, For02, Gaá93a, GM88, HNVL90, Hem02, Hen98, HHK17, Jeb93, Jeb95, Kal93, KT02, Kem99, KM99, KM01, Kov86, Kri85, LS00a, Lim93, LPS93, Lo98b, LO99, MS95, MM97, Mau00, MW91, Mic88, Mon02b, Mul90, MF96, MO95, Nak09, Nie94a, Nor90, O'B90, OTW00, OPP93, PS95b, Pic98, Ple87, Poh87a, PW94, Rol86, Ros93, Sch90b, Sch85, Sed02, SL92, SS94, SS98b, Sho95, Sim90b, Sit92, Sny93, Ste97, Sto99, Tak92, Tak95, Tho02, Tra00, Tra96, UW96, Van00, VL93, Web96, Wei00, XY02, ZSY93, Zha95, van94, AV11, AGR95, AL88]. **algorithm** [BV03, BFS15, Bay03, BSSY18, Bel04, BFPT21, BFG+25, BGMSG07, BvdE03, BLV16, BLV18, BMQS06, BLM22, BLS23, BC24b, Buc06a, BK12b, But88, CL17, CHM05, CHM12, CvH04, CK12c, DA05, DHM11, DH17, Dum09, DLLP08a, Ebe19, EP10, ELME23, FDS13, FP09, FG06, FSW10a, FW15, GLLdR19, GHMA13, GS03, GKMO08, GOT05, HBN95, Har12a, HJS16, HM23, HK25a, HJA17, HTX15, HM21, IMP17, JY17, JV09, KSW13a, KS12a, Kin14, KS86, Lab90, Lec19, LS12, LH18, LSS25, LWXZ25, LR15, MM06, MRG17, MO21, MS11b, MPT20, Min98, Moe05, MD24, Mu08, MH06, NT21, Nag21b, NWW21, OdR03, OdR09, PDS08, PP25, PS89, Pop15, Qi23, Qi24, Ree98, Ren04, RT17, Rue11, RSS13, ST89a, SSP25, Sch04, ST20, Smo21, TM85, TV18, Tsu09, Ung19, Ura24]. **algorithm** [Vil11, Wan06, WWWX23, WS09, Wur93, Yes21, YZ21, Zha03, Zhe21, de 98, van93, CCD+09, Rou09]. **Algorithmic** [BGLHR12, BENW06, CDO01, Kal98, Ley01, Ley04, LH17, Mar02, MMY00, Pas86, PRR18, RS00, SK12, Wal00, Wal05, CS06, DT23, GS07b, HY23b, JLW13, KMY24, LGM21, Rad15, Sch17b]. **Algorithmical** [FGL04]. **algorithmically** [BM04]. **Algorithmics** [JKP12, ES13]. **Algorithms** [AGS16, AT96, BZ85, BP99b, BKRW17, BTW93, BM01, BK99a, BDS17, Bou93, CM10, CM12, CDO97, DG14, DF08, ER95, ES98, EC95, FES11, FGPT03, GvPS00, GKsL03, GSHPBS12, Grä95, HJS18, HH13, HM05, Hel16, HLS01a, HS98, HI94, Hub00, IPS11, KLM+21, KN11, KL98b, Koe95, Koh08, Kop08, KL89, Leo91, LRW97, Mv90, MO88, MR98, MES19, MC93, MC02, MNJ94, Mon97, MR15, Mro96, MQS99, Naw16, Nie94b, Nip91, Oak13, Ost99, Pan02, Pic00, RS21b, SS92, Sch01, Sha90b, SH17a, Tun09, WBM99, Wor94, ACFP12, AAB+18, AGS18a, Arn03, BS18, BP09a, BS17a, BdlCRLS19, BF20, BF22, BCG10, BDL+13, BCGY12, CS22, CCG06, CCD+09, CL07, DF05, DMW17, DJ15, DJS18, DPS23, EF17, EH16, EMSS16, FM17, Gal87, GH12, GMKP21, Gen07]. **algorithms** [GSPB17, GSSV12, GOP18, HL04, HNE21, HdC13, HdC16, HG20, HNRS21, JWW23, JB04, KsL03, Kau07, Ker17, KMR18, KL90, KL17b, Lec07, LY05, MO85, Mal21, MR10, MS21, MZ05, MTV21, OO13, OS04a, Rob04, Ros23, RdC13, RS13, Sht88, Vac17, Vac18, VVY21, Ye18, ZL12, vdHS06, vdH07d, vdP05]. **Aligning** [GK18]. **alkane** [LMM05]. **Almost** [Fas10, Wei88, Wei90, BLV18, BK12b, DdG24, Li10]. **almost-inner** [DdG24]. **along** [Gal16, NT21, NNPZN19]. **Alternant** [BF01]. **alternating** [Val11, WO06]. **Alternative** [BH02, Gar95, Mar96a, JML+13, SS03b]. **always** [BLV18, LLYZ24]. **ambient** [GTLN17]. **Amenability** [DMW17]. **amoebae** [BHH23]. **among** [HR19, Mor13, Ye17]. **amortization** [Bur16]. **Analogical** [YX95]. **Analogs** [Mil96]. **Analogue** [Wei00, AGS18b, CHM05, PP11]. **analogues** [WZ23]. **analyse** [JSC13]. **analyses** [BLV16]. **Analysing** [DS96, PS97a]. **Analysis** [ABP96, CL00, CM96, Cra91, Eis90, GV99,

GKLM91, KC01, KG03, Mv90, Mag89, Mro96, Nor90, RT85, SS94, WKB86, APS12, AP25b, BL06a, BSC12, BR12, CCG06, CCD+09, Cip08, CTY10, DE06, Ede13, FK09, HS06, HJS16, HJS22, HTX15, JT03, LS16a, Lic21, MdCW17, MV13, Oll88, PT14, RH18, Roq13, SJ12, Str19, Wan86, XL13]. **Analytic** [Eck87, Ful90, GLLdR21, HH09, McC97, OT87, Whi91b, CMV13, GGG06, HH13, LLZ24, Lem03, vdH05]. **Analytical** [Mer01, VV97, PNM13]. **analytical-experimental** [PNM13]. **Analytically** [DH00]. **analyze** [GES05]. **Ancilla** [STDD16]. **Ancilla-free** [STDD16]. **ANF** [HK21]. **Angle** [AI90, WW94]. **anisotropic** [KR23]. **Annihilating** [TN09, GVHHUE05]. **Annihilators** [KZ14]. **Annotated** [Frü96]. **Annotations** [ACGR01]. **answers** [KSD16]. **Anti** [CKKM10]. **Anti-patterns** [CKKM10]. **any** [DW18]. **apolarity** [Sta23]. **Apparent** [CKLZ19, BJ21]. **appendix** [Sza08]. **Applicability** [CHM05]. **Application** [Ape98, Baj86, BF01, CD87, CD85, Cow92, DR00, DT95, DTGV01, Eis90, ES18, EC87, GV99, HS89, JKP98, KC01, Mer10, Mer01, Miy01, MR02, Pal13, Pan96, PZ96, She92, She97b, Tri86, UYSA89, VGT90, Vor89, WKA94, YP91, ZBH96, AAKM21, AHKY09, AMW12, BGL14, BCR15, CCD+09, Eit94, FK89, GSZ85, HJ15, Kin14, KH23, KH24, KS86, LMR94, MBC+10, MSW15, MS03b, MKF93, NOF10, Naw16, PS95c, Sch17a, STW18, WWWX23, Wur93]. **Applications** [Ano02a, BB00, BF91, Bro01b, CH97a, Cha00, CRAB91, CS90, DR86, Gat03, HSW97, HL97, JKP12, Key01, KM01, Li04, MC97, MR87, NSW85, Sch94, Tra00, Wan94a, AU21, AAB+18, BP24, BCE11, BKW20, BBCM13, BY23, BBN18, BF11, BW03, Bur16, BG05, CFMMP10, CS22, CES23, CDS24, CM09, DHH+04, EK19, ES13, FP09, FRR06, GGAVRC13, GGMFVT13, HDHX17, HGKV11, KASW05, LH18, LH98, LLL19, LR15, MV10, PB07, PR12, PWZ18, SA89, ST19, Win14, GTLN16, GTLN19, Tra07b]. **Applied** [Dav88, MQS00, Rol86, AP90, Bar13, Par08]. **Applying** [BKG21, GV96, SJ12]. **Approach** [AK92, Ape95, BT98, CK99, Du 99, For87b, FKM95, Ful90, HY96, Ley01, MM97, Mňu97, OZ94, RS00, Sau01, Sch93, Sod96, Tak92, VV97, Wer98, WG94, Wor94, YNT94, ZS01, BSW21a, BKW20, BPH07, BKSS12, BJT22, Brå24, BSW21b, CR98, Cla22, CS06, DdG24, DIdW18, DT23, El 03, FGVN06, GS07b, Guo20, HY23b, JMV18, Kho08, KPT15, KZ10, KMY24, KT23, MPH17, PV13, Rad15, Sch03a, SS03b, Win88, vH25]. **Approaches** [MPS02]. **approximant** [JNV21]. **Approximate** [EGB12, HKPP09, KMYZ08, KL98a, Nag11, Nag21a, Nag25, Tun02, vzGMS10, AV11, AS23, CG06, Der13, Lia13a, Lia13b, MRSW07, MSW15, Nag21b, Nak09, Sag14]. **approximately** [RSS13]. **Approximating** [For02, Hon04]. **Approximation** [Far97, FF92, Mil87, BS22a, BC05, CJL13, LOOR+03]. **Approximations** [BX97, GR10, GHL21a, KLR93, RS21b]. **April** [Ano24i, Ano25e, Ano23l]. **Aquarius** [BH95]. **arbitrarily** [DO06]. **Arbitrary** [FGT02, Kem96, SS89a, Tra98, Bîl11, Bur04, FS10, FS13, Har17, HJ18, MRH23]. **arbitrary-precision** [MRH23]. **arc** [Far19]. **Architecture** [EW00, PUK+25]. **Architectures** [CM96]. **areas** [Tsa16]. **Arising** [GH02, Deu93, Ye17]. **Aristotelian** [Moz89]. **Arithmetic** [CJK02, CW90, Tab25, von87, Abb12, BPZ06, BGLGM17, CV11, CH17, EPY98, GJT13, Har14, HLO23, LMS09, LMRS11, Nal18, OT13, Sag14, Smo21, ZWM15]. **arithmetically** [DH16]. **arithmeticity** [DFdG15]. **arithmetics** [DS12, HL21a, HL21b]. **arithmetization** [BBN18]. **arrangement** [HDPS11].

arrangements [BDPR13, SZ25, SS24]. **Array** [Sak88]. **Arrays** [CM93, MG88, Tor93, Joh15, LH98]. **Artificial** [FL11]. **Artin** [AS24, AK00, Bok08, DS12, ME21, Sut13, Sut16]. **Artinian** [KZ14]. **ary** [Wei00]. **Askey** [FKT13]. **aspect** [HKSS17]. **Aspects** [CM93, Ris88, MCMMPR14, Mor91, Poz15, Sch17b]. **assertions** [JML+13]. **assess** [PNM13]. **assessment** [GGdR+13]. **assignment** [AP10, Cla22, JKKK20]. **assistant** [GK18]. **Assistants** [BC01]. **assisted** [FM02]. **Associated** [Bah01, BH87, DiP16, FHR99, AH13, ASS20, BGLGM17, Jam11, Joh15, MS03a, NN10, PV05]. **Association** [Miy01, KLZA12]. **Associative** [BP85, EG00, Fag87, JM93, LC89, Pau92b, CM17a, CdG09, DKM21, GIL88, Ger06, LL13, Mor20, Raj06, Sch19, Wid01]. **Associative-Commutative** [Fag87, LC89]. **Associativity** [For87b]. **Associator** [BH02]. **assume** [AB05]. **astro** [DJ89]. **astro-geophysics** [DJ89]. **astroid** [DP19]. **Astronautics** [WKA94]. **Asymmetric** [Lab92]. **asymptotes** [LPR17]. **Asymptotic** [BEM97, Die92, HZ19, KP91, Nor90, PY05, Sal94, San96, SS95, DET09, vdH09]. **Asymptotics** [KT25, SS98a, SS99, MS21]. **asynchronous** [KZ10]. **Atiyah** [MS22]. **atom** [SSSK18]. **atom-variables** [SSSK18]. **Atomic** [Pic00]. **attacks** [LT22]. **attributed** [Ore11]. **augmentation** [Mu08]. **August** [Ano24h, Ano23i]. **Author** [Ano01b, Ano01f, Ano02c]. **auto** [Sto17]. **Autocovariance** [AP22]. **Automata** [CH91a, DCC95, KFK97, RW94, BCR15, DJK05, GR10, LM94b, RV05]. **AUTOMATE** [CH91a]. **Automated** [BBK14, Bib85, BS00, Bou97, BK99b, CL20, CCM95, Col05, FOT00, LW03a, LW03b, LS02, MR87, Zha90, BKR19, CS05a, DP19, GSSST10, IKGT11, KKK+16, KS86, Liu19, Win06]. **Automatic** [BBB92, Bee01, BB93a, Bie85, BD04, EHR91, HTZ04, HH99, JB04, LJ09, SS98b, Sod96, WyW93, GGL06, HV16, Wan86]. **Automating** [Ebe19, KNZ91]. **automation** [CGO88, ZWM15]. **Automorphism** [CH03, Dic92, FFP98, Wil90]. **Automorphisms** [Hul99, AP10, ABMN10, BCI13, Bor22]. **Autonomous** [Sch85, CFS22, CFRS23, FG06, NW10, NW11]. **autotopisms** [FMM07]. **Avalanches** [Sav90]. **Average** [CR90, AP22]. **averaging** [HY23b]. **avoid** [NPD09]. **avoiding** [BBCF22, BP23, KMY24]. **aware** [Ran12]. **AXE** [LMR94]. **axes** [BFMS87]. **AXIOM** [BT94]. **Axiomatic** [Sch93]. **Axioms** [Lai24].

Baby [BS18]. **Baby-step** [BS18]. **background** [SA89]. **Bäcklund** [FK89, WS09]. **Backtrack** [BL85, LT89]. **Backtracking** [PW94, Bec03, JWW23]. **Bad** [Kal01b, Nau98]. **Bailey** [BLM22, PP11]. **balancing** [GMS09]. **Ballot** [Ges92]. **balls** [BR10]. **Bar** [Cer18]. **Barcelona** [DGPP10]. **Barnett** [DTGV02]. **Baruah** [DT23]. **Base** [AS01, CF94, CGZ00, LMP89, MO95, AHW05, ACMB19, AR06]. **Based** [AGM97, ABP96, Arn88b, BG01, BB93b, CGG89, DS96, Dün94, HS95, Leo91, LHD96, Pau92b, Soc91, WG94, YI94, You89, Zha94, dB89, ASS07, BF95, BSSY18, BF22, BS24b, Bro12, Bur16, CM16, CvHKK18, CDKW25, CJ15, CKKM10, Cla22, CLS91, DKLP21, Ede13, EF17, ELME23, EP04, FMR04, HJA17, Hua23, HC12, KZ10, KMY24, LWXZ25, MMW11, Mal21, MRG17, MdCW17, Moz89, Nag25, OB03, PDS08, Qi23, Qi24, Rue11, Sch07, SWF11, SS03a, Vis05, Ye18]. **Bases** [AF00, ABL93, AHLM99, Ape95, Arn95, AGSM17, BCE+94, Bec90, Bec93, BGK86, BTBQM00, BF01, CRAB91, CKM97,

Cow92, Czi95, FGLM93, GV03, Gar95, GG99, Göb95, Gre00a, GS98, HT95, HSS02, HKL99, JL91, JM95, Kal97a, Kal99, Kal01a, Laz85, Lev00, MN02, Mil96, Mon02b, MQS00, Nor02, PZ96, Ros93, Rut92, STA94, Sei02, Smi02, Sne98, Wei92, dG01, vG90, AFT08, AB92, ÁAF+18, ATY08, AT08, AK86, Arn03, AKR11, BM88, BBF17, BE22, BPT25, BCR11, BR22, BR06a, BL12, BL17, BDLP22, BV06, BR88, BDM+16, BDM17, BP09b, CJUE06, CMR15, CDKW25, CdG09, CR11, Cip08, DJ05, Dah22, DHM11, DO06, DE06, Doh09, Dön13, DW21, DL06, EP10, EF17, EH21, EPP21, ES20, FMM07, FL11, FES11, FEV16, Fer88, FFP98, FD14]. **bases** [FD18, FK04, GS24a, GH05a, Gat03, GHMA13, Ger06, GTZ88, GKsL03, Göb98, GMP22, GMP13, GSZ13, Hal13, HPS22, HM23, HOS23, HK25a, HH07, HM09, HP91, HV22, HHK17, IvH17, IL09, JNSV17, JNV21, JGF09, KRW90, Kap86, KSW13b, Kha14, LL09, LL13, Lai24, LLM+13, LS04, LO09, LS11, LS12, LMZ23, Lev07b, LG21, Lia13a, Lia13b, Lia22, LH98, LLL19, Mad14, Mar08, MRW17, MM04b, MRG17, Mau87, MR13, Met25, Möl88, MW10, MS03b, NT17, Pau07, PPR20, Pol95, QR07, Raa12, Raj06, Rap06, RS16, Rei06, RR05, Rou08, Sad25, Sak21, SIS+11, Sch17a, SSP25, Sch05, SS88, Sta18, Ste13, SS03b, Szi17, Vac18, Ver24, WO06, Wal03, Wei03, Wei06, Wib07, Win88, ZGG23, ZW08, WRI09]. **Basic** [Buc87, MQS99, NRS89, Kra95, Naw16]. **Basis** [FT95, FF92, FD14, GHC92, Hon98b, HS00, Hre94, JL91, KM99, KM01, MR98, MM00, ŌS94, Pan89, Pau92a, Tay02, Tra00, van94, AFdCS15, ACFP12, AH05, BFS15, Bok08, BD09, BM16b, Buc06a, CW03, CCL05, CR19, DS09, Ede13, FMTT13, Gon17, GSW11, GSSV12, JPP23, KRK88, Kho08, LO08, Li10, LOOR+03, LWXZ25, Mal21, MAN+10, MD24, SS16, TUÖ05, Tsa16, Val11, WY25, ZS01, ZL12]. **Baumslag** [Sim90b]. **Baumslag-Cannonito-Miller** [Sim90b]. **Baxter** [GIM07]. **Bayesian** [GSS05]. **be** [KMN88, MS09, vdH02]. **beam** [KP91]. **behavior** [Alc08a, Alc08b]. **behavioral** [NOF10]. **Benchmarks** [AK92, FOT00]. **bending** [Loj13, Roq13]. **Bendix** [EHR91, KMN88, Sim91]. **Bergmann** [TM85]. **Berlekamp** [BF20, CK12c, Gen07]. **Berlekamp/Massey** [CK12c]. **Bernoulli** [BBV15, FW15, KP91]. **Bernstein** [Bah01, BO10, JJ01, Ley01, NOT18, UCJ04]. **Bertini** [Ang18]. **best** [Nag21b]. **Better** [KSD16, LXZZ23]. **Betti** [AC19, Bas06, dCW09, SSS23, TV18, dAM17]. **Between** [ASJ97, MR02, Soc91, TW01, AH13, ACFP12, Coo09, HKL24, Hir89, KLZA12, KLV10, SPZ10, WW94, aZGS05, Zhe21]. **Beyond** [Dav02, LY18, ZWM15, HNR24, ST24b]. **Bezout** [CZG02, DTGV02, AL10, BU99, HHPS21]. **Bezout-like** [DTGV02]. **Bezoutian** [Mou05]. **BGG** [Pos18]. **Bi** [LA96, AHS21]. **bi-homogeneous** [AHS21]. **Bi-rewrite** [LA96]. **Bibliography** [Ano87, Arn88a, BA85, CH85, CH86]. **bicubic** [GS07a]. **bidegree** [FES11]. **Bidirectional** [KJ96]. **bifiltered** [Fer06a, Fer06b]. **Bifurcation** [GKLM91, LP90, Mag89, GH05b]. **Bifurcations** [EW00, GES05]. **Big** [Lim93]. **bigraded** [BBC+17]. **bihomogeneous** [FES11, SJG13]. **bikei** [CN19]. **bilinear** [Hul13]. **Billiard** [GKR23]. **bimodules** [RR05]. **Binary** [Dür89, FKM10, Lip93, SS94, Wei00, ZSY93, ADCZ21, ABF09, Bed07, Bed09, BFPT21, BP10a, BP10b, CF09a, CTY10, DL88, DJS18, Sal08, STDD16]. **Binding** [BGH93]. **Binomial** [AP93, CTV16, GHY17, KM99, KM01, MS00b, PS95b, Tak95, BL12, BLS17, CM17b, CCG25, Kra95, KW24, dAM17]. **binomials** [CTV16]. **biological** [BDE+21, HTX15]. **biquandles** [CN07].

Birational [El 05, BBC+17, SS88, Sta16]. **Birkhoff** [CIL07, GV96]. **Birth** [KKK17]. **birthday** [GW11]. **bisection** [Bur16, Col17]. **bisection-based** [Bur16]. **Bit** [ES18, EGS23, DP24, EMT21, vdHL13]. **bit-complexity** [vdHL13]. **bitangents** [GP24, LM20, PSV11]. **Bitfield** [Ric92b]. **Bits** [BS90a]. **Bivariate** [DE02, Ger19, LPR17, Lev21, McC97, Sch99, Vil25, YNT94, vW95, Ave09, BLPR15, BMT21, CMV13, CWZ23, CK04a, Dah22, DET09, Fer06a, Fer06b, HW24, Khe03, LWXZ23, Sal08, SSP25, Wei13, ZX20]. **Black** [BP00, KT90a]. **Blackboard** [DJ96]. **blending** [PDS03]. **Block** [HNRS21, Tho02, HJS22, LT22]. **Block-Krylov** [HNRS21]. **Blockhandler** [Ric92b]. **Blocks** [HLM95, Moe05]. **blood** [Sad17]. **blowup** [NNPZN19]. **blowups** [BS21]. **BMM** [BCCK20]. **BMR** [Mar19b]. **Board** [Ano18g, Ano03b, Ano03c, Ano03d, Ano03e, Ano03f, Ano03g, Ano03h, Ano03i, Ano03j, Ano03k, Ano04c, Ano04d, Ano04e, Ano04f, Ano04g, Ano04h, Ano04i, Ano04j, Ano04k, Ano04l, Ano04m, Ano04n, Ano05a, Ano05b, Ano05c, Ano05d, Ano05e, Ano11a, Ano11b, Ano11c, Ano11d, Ano11e, Ano11f, Ano11g, Ano11h, Ano11i, Ano11j, Ano11k, Ano11l, Ano12a, Ano12b, Ano12c, Ano12d, Ano12e, Ano12f, Ano12g, Ano12h, Ano12i, Ano12j, Ano12k, Ano12l, Ano13a, Ano13b, Ano13c, Ano13d, Ano13e, Ano13f, Ano13g, Ano13h, Ano13i, Ano13j, Ano13k, Ano13l, Ano15a, Ano15b, Ano15c, Ano15d, Ano15e, Ano15f, Ano15g, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano17h, Ano17i, Ano18a, Ano18b]. **Board** [Ano18c, Ano18d, Ano18e, Ano18f, Ano18h, Ano19a, Ano19b, Ano19c, Ano19d, Ano19e, Ano20a, Ano20c, Ano20b, Ano21b, Ano21c, Ano21d, Ano21e, Ano21f, Ano21g, Ano21h, Ano21a, Ano22a, Ano22b, Ano22c, Ano22d, Ano22e, Ano22f, Ano23a, Ano23b, Ano23c, Ano23d, Ano23e, Ano23f, Ano23g, Ano24a, Ano24b, Ano24c, Ano24d, Ano24e, Ano24f, Ano25a, Ano25b, Ano25c]. **bodies** [SPZ10]. **body** [CC24, Oll88, PY05]. **Boer** [Toh10]. **Bombieri** [Boy93a, Boy93b]. **bonds** [HLSS15]. **Boolean** [BJSS89, BD09, BD13, BS87, Eit94, HcL21, Kon95, MN89, SIS+11, VB03, Zha94]. **Border** [BL17, BM16b, AFT08, LLM+13]. **Bordiga** [BNT18]. **Borel** [BLR13]. **Borwein** [PP11, And95]. **Bott** [MS22]. **Bottom** [DS15]. **Bottom-up** [DS15]. **Bound** [Yap91, BMS17, BE17, CJP+24, Col15, Col16, Dum09, Eng10, GKMO08, GTLN19, KL21, KS12b, KMR18, MR10]. **boundable** [DP24]. **boundaries** [CDM+13b, HT24a]. **Boundary** [Cou00, Mil92b, BR12, KT25, LV25, Ros05, RR08, ST24b]. **Boundary-Value** [Mil92b]. **Bounded** [BS86, BP09b, Dur94, Gre16, Ric92a, Yam94, CHSS05, SSS05]. **Bounded-degree** [Gre16]. **boundedness** [Mic13]. **Bounding** [BR10, CR19, Cou18, SH17b, BW22]. **Bounds** [Abb13, BS10, BTW93, BDM23, Boy93a, Boy93b, DS00, GZ89, HH98, HM02a, Hon98a, Laz92a, Mig00, Wei94, Yam94, BDS17, Bus09, Col04, DJ07, EMT20, GMP22, GS18, GOP18, HS21a, HPS22, HH16, HHT18, KM06, Lia22, MR13, MS10, MZ05, Pap23, PS20, dCW09, WS23, YZ21, vdHS06, vzG13]. **Box** [BP00, MC02]. **Boxes** [KT90a]. **bracket** [LW03a, LW03b, NWW21]. **Bradley** [PP11]. **braid** [BV06, Bok08, PY94]. **Braids** [Bur01, Bur03]. **branch** [BKW20]. **branches** [HH07, HH09, HH13]. **Branching** [Dur94, SS96a]. **Brauer** [Bri06, Wil93]. **breadth** [LZ12]. **bridge** [KP15]. **brief** [GK12a]. **Brieskorn** [Sch04]. **Bringing** [LMRS11]. **Broker** [ABP96]. **browser** [KBRV24]. **Bruce** [NT21]. **Bruhat** [Dra05, DPS17]. **Brun** [BLV18]. **Bruno**

[AKR11, Buc06a, HKP+06]. **Buchberger** [HP08, AL88, AKR11, AT96, BMQS06, Buc06a, CM17a, Cza89, FD14, GM88, Hem02, HKP+06, HP07, KS86, MM88, NP20, Ree98, Tak92, Tra96]. **Buckling** [RT85]. **Budan** [Gal13a]. **Build** [Str01]. **Building** [BT98, Pel97, Pel03a, Pel03b]. **Built** [NR97, Pet00, GN04]. **Built-in** [NR97, Pet00, GN04]. **Bulk** [CG02]. **Bundles** [LN13, BBV15, CP10, Lun16, Pos18].

C [RW94, BFK02, KZ08]. **C-finite** [KZ08]. **cactus** [BR13b, BR25]. **CAD** [Bro01b, HJX16, HDHX17, HLS01b, MH16, MPP19]. **CAL** [SA89]. **Calabi** [BR13c, Hie16]. **Calculate** [Kem99]. **Calculating** [Ber02, BGK86, Car01, Con90a, Gri90, IK13, Kem96]. **Calculation** [HI08, Kem02]. **Calculations** [BT94, CJMP97, Hre94, AL88, CGL07]. **Calculemus** [Ano01d, AJ01]. **Calculemus-99** [Ano01d, AJ01]. **Calculi** [BF93, Fuc00a]. **Calculus** [BM00, CCM95, HSS98, MO98, Pau85, Pet00, ST89b, Tak89, BW05, BKSS12, DG14, DaZZ04, Gau09, GK21, HS17b, Kal11, LH17, Pel03a, SP10, Tak93, TM89]. **calls** [LCQ+10]. **Can** [Mon97, Ebe19]. **Canal** [LSW01, PP97, DZ09, VL16]. **Cancellative** [Wal02a, Wal02b]. **Cancellativity** [NÓ89]. **Cannonito** [Sim90b]. **Cannot** [BCE+94]. **Canny** [Pog25]. **Canonical** [Cha00, Dür89, Ste97, Wei03, van97c, AC24, AP10, JNV21, LM92, MM09, Sht88, Sto20]. **Cantor** [Eid23]. **Capabilities** [Pel97]. **Capable** [Sak88]. **card** [KT23]. **Cardinality** [LM94a]. **career** [GK12a]. **Carlitz** [Top14]. **Carmichael** [Arn95]. **Cartan** [Cha25, DFdG13, DaZZ04, HT91, NPD09]. **Cartesian** [DDR11]. **CAS** [Kad13]. **Case** [BGH93, Bür89, EH16, HM02b, Hre94, Laz85, LZ12, Min02, Nip91, PH87, Sha90b, von90a, von90b, BR12, CIM17, DHKS09, DW22, HT17, KS12b, KS12c, Lev21, Min03, PdRAEC24, PS95c]. **Cases** [Ott91, GG92]. **Castelnuovo** [BGM06, HH04]. **cat** [AOW23]. **Catalan** [DV21]. **Catalan-many** [DV21]. **Catalecticant** [ABC22]. **Catalogue** [Le 86]. **catalytic** [Gon17]. **Catastrophe** [Cow92]. **Categorical** [Sto99, SLK11]. **categorically** [BGS11]. **Categories** [BH00, BBC+11, Der13, DDR11, FGR03]. **Cauchy** [LR01, PKP24, PR22, Sch17a]. **Cause** [SK91]. **Cayley** [BF11, CKM09, Deh94, LW03a, LW03b, Lun16, Whi91a]. **CCC** [Hir89]. **Cell** [Aur87, RS00, BK15, CLL17, Dra05, NÁS+24]. **cells** [AH23, AH24, CRSW22]. **Cellular** [MS00b]. **census** [HR20]. **Center** [GV16, JLR03, MPH17]. **center-focus** [MPH17]. **central** [CC24, OdR03, Píl07]. **centralisers** [BNRW22]. **centralizer** [Poz24]. **Centralizers** [BC91, BR13a]. **Certain** [Köl85, Mau00, Wan99, ZD02, Abo10, AJGVS09, AIRR12, CJP22, Mau87]. **certifiable** [HS17b]. **certificate** [MWZ16]. **certificates** [DP24, DLMM11, DKLP21, GS24a, GMW23, MW23]. **Certification** [DHS22, KLYZ12, Sto03]. **Certified** [AS23, CVY17, CJL13, CWZ23, HL16, MS04, Mul04, IMP17, MMS23]. **Certifying** [AHS18, HL17, JGF09]. **chain** [HP07, HP08, Nor15]. **Chains** [Rol90, BLPM19, CM16, HdC13, HdC16, SH17b, VK16]. **Challenge** [BCE+94, DHK+95, CTY10, KK09]. **Challenges** [Kal00, BB11]. **chance** [TZ21]. **Change** [CF94, FGLM93, Fit97, BLM10]. **Changing** [GGdR+13]. **Character** [Con90b, Sch90b, Ber04, Cha25, PS89, Sla86, Ung06]. **Characteristic** [Can90, Chi96, FGT02, GVYZ09, GH12, Kem02, Mat01a, NG93, Alu03, BLM10, Cox21a, Cox21b, DW21, Eic10, FF17, GLY09, Gol06, Gol08, GKO09, Hel16,

HMXD07, HcL21, JLW13, Kos07, Mag17, MHXD09, Pog25, Roo13, RdC13, Ste05, Sut15, Wal03, Wil93, vdPT15]. **characteristics** [BV03]. **Characterization** [AK04, AK06, Dön13, SPD14, FDS13]. **Characterizations** [Sch17b]. **Characterizing** [GS22]. **Characters** [AH86, BP98, Con90a, Gal22, LMP19, SW97b, Ung19, Wil90]. **Chardin** [Sza08]. **Chebyshev** [Boy93c, GKsL03, IK21, KPR10, KPRT18, PWS+25]. **Check** [LT89]. **Checking** [Ebe19, BGMSG07, BM04, DEG+21, HGKV11, Kal11, MM10]. **Chemical** [GH02, Gon17, Lic21]. **Chemically** [Tri86]. **Chern** [BEP13, DEPS11, Hel16]. **Chevalley** [LMP19]. **Chief** [CH97b, Buc92]. **Choice** [Sch92]. **Choosing** [Hre94, LXZZ23]. **Chordal** [MBL21, LXZZ23]. **Chow** [FKO18, Qi23, Qi24]. **chromatic** [Ger19]. **Chunky** [Roc11]. **CIO** [GRV17]. **cipher** [BGP09]. **ciphers** [LT22]. **circles** [Lub25]. **circuit** [DIdW18, Pap23]. **circuits** [Bih15, MM16]. **Circular** [BFHS92, Hon97a, BFMS87, Hag89b]. **circulations** [Tsa23]. **circumradius** [Tsa16]. **circumscription** [Wer12]. **claim** [Col15]. **Class** [BdS01, BEM97, CP00, CE85, CDO97, Eck87, FHR99, GO90, Kno92, Kno93, Wan91, YNT92, dv96, tW91, AC04, Buc06a, FD18, Hel16, Hul13, Koh08, LS24, LWX23, TN09, Tra07a, XLY15]. **Classes** [MPS02, MMO94, Wid01, Alu03, BEP13, BNRW22, GU21, Har17, HV16, JPPSG09, MS16, SS03a, Vat12]. **Classical** [Cre01, Laz88, MC97, MMO94, Bro03, MRD11, Ye17]. **Classification** [BS21, FM02, GZ90, Sch98b, Zha93, BdlCRLS19, BMS20, Cou22, DP09, DLLP08b, FS12, GSZ85, HRdWY22, HH09, HH13, HY23a, LJ09, MS15, MS16, MV15, aZGS05]. **classified** [WK91]. **Classifying** [Deh94]. **Clausal** [Fuc00a, BL06a, Bec03]. **Clause** [BH95, Bon96, Boy92, PG86, Pel03b, Sid93]. **Clause-Diffusion** [BH95, Bon96]. **Clauses** [NR95, Gal87]. **Clifford** [HT95, LN13, TM89, Vel00]. **Closed** [Arn88a, Cha14, HLSS15, Lis95, Man93b, Man93a, GGMAMF19, Ste10]. **Closure** [KR89, Tsa00, Eli04, LLYZ24, SSS23, de 98]. **Closures** [Hal01, Vas00, Sta18]. **CLP** [Sid93]. **Cluster** [Arn88b, BSS25, Wan23]. **Cluster-Based** [Arn88b]. **Clusters** [HS97]. **CNF** [HK21, Pic03]. **Co** [LBM98, SJ12]. **co-** [SJ12]. **Co-operative** [LBM98]. **cocyclic** [AAFR09, ÁAF+18]. **Codatatypes** [Hag89a]. **Code** [PH87, Cer18, MCMMPR14]. **Codes** [BF01, Key01, ABF09, BB10, BM10, BU14, BK13, BP09b, CCQ18, Cox19, DS09, FMTT13, FKM10, GTLN17, GTLN21, GS23, GS24b, HK10, IS10, LO08, LO09, MPS16, MBC+10, MRG13, MRG17, Rua09, Sop13, TS24]. **codewords** [MPS16]. **Codimension** [DS02, Mat01b, Tay02, AS24, AC24, AKS12, BGM06, RS16]. **codimensions** [BFK18]. **Coding** [BU09, CR88, CFMMP10, MS03b, PWZ18]. **Coefficient** [Bro92, Bro00, JL91, PS95b, Zha95, Col04, FK11, MS21, Wol00b]. **Coefficients** [Bea92, GK94, HH98, KST93, Kal02, MR02, Pet92, Sin91, Vir93, van97a, van97b, AB09, ABK15, AV11, ARST09, BVW18, BC24a, DT23, EK21, FGG+16, FKT13, IM25, JPP23, KLYZ12, KT25, Pau07, Rup04, Ye17]. **cofactor** [HV22]. **Cogeneric** [MSY00]. **Cohen** [DH16, MS11a, ST20]. **Coherence** [Web95]. **coherent** [CLQ10, NP20]. **Cohn** [Pic98, Sau93]. **Cohomology** [Bac99, Car01, EMS00, EK21, Hol85, Mus00, Wal00, Wal03, ÀL06, DS18b, ES11, HM05, Hub09b, Kud22, NT17, Ng89, TN09]. **Coisotropic** [Koh21]. **Collapse** [Yel87]. **Collapse-free** [Yel87]. **Collection** [Geb02, LGS90, VL90]. **collisions** [BvzGZ13, Zie16]. **column** [BELP13]. **Combination** [FH86, SS89a, TRRK10].

Combinations [MT93, Mid94, Yel87]. **Combinator** [Sta89]. **Combinatorial** [BO99, BL85, Cer21, Dub93, ES23, FS95, Giu88, Lab95, NWW21, RS00, Rod15, STW18, CLM16, DLMM11, DJS18]. **Combinatorics** [PS95a, BC24b, Buc92, PZ92]. **Combinators** [Gib87]. **combined** [GS03, QHL+13]. **Combining** [BS96, Bou93, CH95, CP00, Cza89, KR94, Nip91, Pel03a]. **Combustion** [GKLM91]. **comes** [BM04]. **coming** [CCQ18]. **commandments** [Sto11]. **Comments** [Buc06b]. **Common** [BFHS92, DTGV02, GPGO16, KT90a, LM89, AV11, BFMS87, KLM+21, MBPLRR10]. **communicating** [SR07]. **Communication** [BC01, LNP+21]. **Commutative** [Baa89, BP85, Fag87, HS90, JM93, KM01, LC89, Pau92b, Pri96, RST01, Wra88, Yap91, AB92, BP24, BTBQM00, CS98, DKM21, GTLN16, HKSS17, KRW90, Kin14, LL09, Lab90, LMZ23, Ros23, Sch19, Sti03, ZGG23]. **Commutativity** [For87b, Zha90, HL21a]. **Commutator** [HKL99]. **commuting** [Hre06]. **Compact** [Nor95a, GK21]. **Comparative** [AM99]. **Comparing** [BF93, KKSd96, MPS02]. **Comparison** [CJUE01, GVHHUE05, Gre95, Lav91, BF20]. **compartment** [MS14]. **compatible** [KZ14, LLW03, SS06]. **Compatibly** [BCS97, KS12a]. **compiler** [ST89a]. **Compiling** [PS93]. **Complement** [Fer96, BGS11]. **Complements** [Wal00]. **Complete** [BGM15, BCGY12, CGY09, EW07, KP99, Le 86, Lyn97, SG89, Bed07, Bed09, BGMSG07, BM04, BSW21b, FS12, GS89, HDPS11, LJ09, RS10, RS11b, Sop13, Sta16, Vac17, Win14]. **Completely** [Ber02, CS99, BJM17, GN04]. **Completeness** [MT93, Mid94, PP91a, Pau92b, TRRK10]. **Completion** [BD88, BGK96, Car01, Com98a, Com98b, Fri89, Gan91, KMN88, KT08, ML92, Soc91, Sto99, Che18, GR10, Buc87]. **Complex** [BKHG21, Gaá95, SME87, Str97, Wal00, Zha96, BSSY18, DNS21, DGW19, GMMM17, Lou08, PP25]. **Complexes** [Aur87, RS00, AKL17, BC05, CVY17, DiP16, DE03, RdC13, DRN24]. **Complexities** [SW95, GVHHUE05]. **Complexity** [BS88, BKN87, Bir98, BK90, CR90, Gao01, Gri88, Gri90, GK16, HK95, HS90, Kal99, Meg90, Nie94b, Ren92a, Ren92b, Ren92c, Ris88, RdC13, RS90, Sch03b, Tak95, Van00, Vor92, Vor99, Wei94, Wei88, Wei90, vdHS06, Ahn08, AKS12, BFS15, BP09a, Ber04, BDS17, BKSV20, BS09, BGT20, CH17, CJP+24, DET09, ES18, EGS23, EMT21, FES11, FES13, FEV16, GSSST10, GPMS20, HvdH18, Lec19, MOP15, MT20, Mor91, NPP17, Pic03, Pol95, PS13, Sag14, SvH19, WY20, vdHL13]. **Compliant** [BGK96]. **complicated** [DO06]. **component** [APS12, BR10, CS22, EW00, EGS23, JLR03]. **Components** [Hub99, BS09, KN11, KL17b, Pog25]. **Composable** [Ohl95]. **Composed** [HM02b, Min02, CKM09, Min03, Min06]. **Composing** [Ber98a]. **Composite** [LS94, SK91]. **composites** [GPGO16, Naw16]. **Composition** [CH97b, GS98, Hon97b, Hon98b, Nor02, AR06, BCR15, Kan91, LHK+13, LLW03]. **Compositions** [BvzGZ13]. **Comprehensive** [NOT18, Wei92, Wei06, KSW13a, KSW13b, MM09, SS03b, Wei03]. **Comput** [AP04, AK06, AP17, BR25, CS09, DHM11, FS13, Fer06a, HZ15, HJM94, Hil05b, HdC16, HP08, Kal90, KT94, MHXD09, RS11b, Sag89]. **Comput.** [KL90, Nor95b, KMR18]. **Computability** [Bac94a]. **computable** [JPP19]. **Computation** [AS05, AC19, Ano01d, AJ01, AH86, BVW18, BFK02, BS92, BCGR92, Bod04, Bor22, BE02, Bre86, BW03, Buc92, Bur92, CV00, CL00, CGG89, CZG02, Chi96, CL23,

CCM95, CR88, Dav94, DT95, DR86, Eck87, Edi85, EKP22, EY21, FGT95, FGLM93, Fit89, FGT15, FFP98, GK00, GH97, GL92, GK94, GS06, HPS22, Hol85, Hol91, Hon96, Hug90, JPPSG09, JKP12, JKP98, Kal00, LPY01, LM89, Lev99, LR01, Lüb02, Mar02, MF90, Mau87, Ng89, Ous91, PSZ91, PC98, PZ92, PS95a, PD07, PdRAEC24, QR07, RT85, RS90, Sal94, Sav90, STA94, She97b, Shi04, Ste97, Szi17, Tes99, Tho02, UYSA89, VV97, Vas00, VGT90, Vor89, Wal00, Wei00, WBM99, Zha96, dB89, ACMB19, AAKM21, AH05, Arr16, ACS13, BHLGO15, BGH+04, Bar13, BE13]. **computation** [BC24a, Bau15, BBRS24, BCLR13, BFH17, BFSS06, BY23, BBKK15, BSC12, BR88, BS15, CFS07, CH03, CVY17, CLL17, CM17b, CN07, DM09, DK18, DEG+21, DDM15, Dor21, DPS17, EH21, Eid23, Eli04, Els12, ES13, EFG16, ERSG05, EH16, Fox18, GS03, Gue18, HJS16, HKPP09, HMN06, HKP+06, JFMRS12, JNV21, KS06, KS12b, Kin14, KS04, Kut10, LLM+13, LR90, LLL08, LL16, LS12, LFD19, LJ09, Lia13a, LHK+13, LLL13, MM04a, MJK17, MS03a, NSW16, NWW21, Orl22, Par04, PT14, PS95c, PNM13, PH11, Poz24, RS21a, Sha12, Smo21, Sut12, Sut13, Sut16, TM85, UCJ04, Vac18, Ver24, Vil11, WyW93, WC12, Win88, Yok17, YW87, ZL12, vdH07a, Ano01b, Ano02c]. **Computational** [BdlCRLS19, BS01, BdS01, Bos01, BK90, Cha00, EL12, GH05b, Jac97, KP13, Kal97b, MCMMPR14, Mic90, Ren92a, Ren92b, Ren92c, Sha13, Stu91, YXL99, Bar13, Ber04, BJT22, BEG09, CR98, DPS16, DdG24, GKMW21, GKM05, Kem16, Ker17, Mer10, Poz15, TZ21]. **Computations** [Ape98, Bec90, BDPR13, But85, CDO97, Cuy97, Dab01, DGS10, DSV01, HKK98, Kal02, Lim93, Mee94, Mro96, Mur24b, Pau92a, Whi91b, von87, ABFS15, BD09, CHU19, CC24, DZY22, DK16, Ebe19, Ede13, Els15, EK19, EPY98, GIM07, HPRS11, LR15, MS22, The06]. **Compute** [BH00, Die92, Mau00, NY99, BV03, BC22, EMSS16, FSW10a, FGPT03, Hel16, JY17, MPT20, OdR03, OdR09, Pop15, van93]. **Computer** [AP90, AGM97, AP93, Ano99c, BC01, Bel03, BGH93, Ber93, BK99a, CP97, Cap90, CO01, Cav86, CF91a, DGS96, Dav88, Dav02, Die92, Div91, DJ89, Ebe01, FS95, FM02, FK89, GV99, GSZ85, GZ90, Gre00b, HS95, JT03, KS98, KKL92, Koe92, KG03, KR97, KD90, Lab95, LS02, NMM90, OT87, OZ94, Par08, PW90, Pro00, Rob97, Rd91, Ryb90, San95, Sch96, Tra07b, Vei97, Web95, Wil95, WBM99, YP91, Zha93, AG91, BW05, BKG21, BKHG21, CS05a, CLS91, DT06, FGPGP14, FKO18, Ger19, JMPR04, KASW05, MSZ09, NSW16, Oll88, PS89, SMB03, Yok17, KK09]. **Computer-Aided** [Wil95, DJ89, KD90]. **Computer-Algebra** [KKL92]. **Computer-assisted** [FM02]. **Computer-Generated** [AP93]. **Computers** [Bos97, She97a]. **Computing** [ABKR00, AKR05, ABPR21, AK00, AH13, Ald23, Alu03, ÀL06, AHS21, ABMN10, AOW23, AE05, AV00, Bah01, BO04, BR09a, BP24, BP99a, Bas06, BEP13, BS88, BGI11, BMQS06, BLR99, BCR11, BJS04, BR87, BL12, BJS+07, BDLP22, BTBQM00, BLM10, BEM97, BLW03, BC89, BC91, CH97b, CCH97, CCH01, CH04, CHSS05, CGS97, CDF92, CMP87, CH91a, Cha25, CGK+21, CD00, CWL08, CDM+13b, CVZ21, CS99, Con90b, CJ97, Dab97a, Dab97b, DH07, DLMM11, DFdG13, DdG21, DS18b, DW21, DDL+23, DW22, Drt06, DMY16, Dun99, Dür89, EENMP19, EW86, EW02, Eic02, EG21, ES98, EYZ21, Ell04, ES11, EK19, Enc95, EG07, FLE+23, FS98, FS16, FS23, FGVN06, Gaá95, GS05, GP24, GS02, GHL21a, GHL21b, GHL+00, GS90, Göb95, GTLN17, GTLN19]. **Computing** [GDRV21, Hal13, Hal01, Har17, Hel96, Hel00, HM09, HMXD07, Hes02, Höf01, HH99, Hul99, Hul13, IvH17, Jam11, JMV23, JNSV17, JS07,

Kal93, KT90a, KRK88, KRTZ23, KZ08, Kem22, KP97a, KC18, KPRT18, KBRV24, KS97, KW88, KW24, Kud22, LS98, LGPS91, LS24, LS11, LMZ23, LZ12, Lin18, LPRR02, LV14, LM94a, Man93b, Man93a, MBR25, Mat01a, MHXD09, MPSXD09, Miy01, Mňu97, Mon02a, Mou98, NS90, NP95, Nor01, Oki23, Pan96, PDS03, PP97, Pis04, PS97b, Poh97, Poz19, PES24, Qur17, Ric92a, Rie93, Rin13, RRS06, RR12, Rón90, Roo13, dC10, SM16, Sch90a, SS16, Sek11, Sha90b, SW02, Sim90a, Sla86, Sla01, Smi00, Ste10, Sti03, Str97, Sut15, Tab13, TV18, TW01, Ung06, VL93, VJ07, Vil95, Vor99, Wan00]. **Computing** [Wen06, Yah23, YNT89, ZS01, ZW08, dG01, dG11, van94, ASS07, AAFR09, Arn03, BR13a, BCE11, BKW20, Bay03, BBF17, BF22, BLS23, CKR04, CS22, CM12, CJP+24, CvH04, CK12b, Col17, DF08, EF17, ELME23, EGS23, FEV16, FW15, GVHHUE05, GMF13, GKsL03, GR11, GMMM17, GMP22, HM23, HDPS11, HHK17, IK21, JLW13, JGF09, KSW13a, KSW13b, KLM+21, KS12a, KN11, KP97b, KMR18, Lia13b, MWZ16, MR10, MAN+10, NT21, Nak09, Naw16, PS13, Ren04, RT17, ST20, SvH19, Toh10, Ung19, YY03, Zhe21, de 98]. **concavity** [CCG06, hHL21, XZ25]. **concentration** [PGH+25]. **Concept** [BN01, BS90b, Bel03]. **concepts** [GK18]. **Concerning** [AP93]. **Conchoid** [GP13]. **Concurrent** [Fis96, LC96, SJG96, LMA11]. **Condensation** [LW01, Ryb01, LMR94, Ryb90]. **Condensed** [GKLM91]. **Condensed-Phase** [GKLM91]. **Condition** [TCT23, CdG09, CO94, CO96, GGG06, HP07, HP08, HY21]. **Conditional** [DJ96, Gan91, Mid94, WG94, ABFS15, Kap87, Mor13, PSA23, PSA24, Wir09]. **conditionals** [SS06]. **Conditions** [Vir99, EFRS06, FPT04, Lem03, Li04]. **cone** [DS18a, GOT05, HQS19, LV25, MW23, Rob09]. **cones** [BFMS87, DR23a, dC10]. **conference** [NSW16, Yok17, Bos01]. **Configurations** [Stu91, Brå24, CC24, KKS25]. **confinement** [ABC22]. **Confluence** [Kah95, Kap87, Wir09]. **conformal** [Kol08, LSS25]. **Congruence** [Fit97, KR89, She92, VM14]. **congruences** [Hem18, RS21a]. **Congruent** [BFHS92, BFMS87]. **Conic** [Far97, GO00, LW03b]. **conics** [ADGT25, FS16, SS24]. **Conjecture** [And95, BP00, Rei99, AML19, AGS18b, Ang24, ASS13, BCCK20, BKG21, BST16, CK19, CIM17, Col05, GKMW21, GS24a, GG92, GR22, HLO22, Kli90, KPT15, Mar19b, Kho08]. **conjectures** [DT23, vdH06]. **Conjugacy** [BNRW22, PY94, DMW17, GGM10]. **conley** [BR09a]. **connected** [BR10, EGS23, Kem22, aZGS05]. **connectedness** [MS24]. **Connection** [FKT13, Fuc00a, Pet00, Sch01, BR09a, OB03, Sid93]. **connection-based** [OB03]. **connections** [EG07]. **Connectivity** [PES24, CES23]. **Conquering** [Ste05]. **Consequences** [CR90]. **Conservation** [Fit89, WBM99, BC22, PH11, Wol03]. **conservative** [LW10]. **Conserved** [GH97]. **Considered** [KMN88, Pro00]. **Consistency** [LT89, Vor92, GS18, HGKV11, SWF11]. **Consistent** [Ott91]. **Consolution** [BF93]. **Constant** [Wol00b, GG92, HNR24, MP89, Roc22]. **Constant-coefficient** [Wol00b]. **constants** [HPS22]. **constituents** [Pre06]. **Constrained** [KFK97, NR95, DIdW18, Nal18]. **Constraint** [ABP96, AR03, CZ92, Frü96, HLS01b, HLS01a, HJA97, KR94, LC96, Pel97, RSS10, SJG96, AB05, SA89, Com98b]. **Constraint-Based** [ABP96]. **Constraints** [Com98a, Com98b, DH00, HJA97, NR97, Rat02, BVE21, EBD21, LM92, Ore11, TM85, XZ10, ZWH11]. **constructed** [LC16, SMJ19]. **Constructibility**

[Ley01, SM18]. **Constructible** [CP00]. **Constructing** [AK86, Arn95, Aur87, BK15, CK04b, CFTY97, Dra03, EP02, Gla88a, GHS01, Har92, HPS97, Hul05, KM99, KM01, Let01, Lin91a, Pau86, PS97a, Pos18, Ros93, RP89, Smi93, dGN02, dG09, vG90, DA05]. **Construction** [AAKM21, Ber98b, BE99a, BU99, Bro01b, For87a, GK96a, GSPB17, HR19, LG21, PW90, Sho94, Yap91, ZGG23, Els17, Fuk04, GSHPBS12, IKGT11, Lab90, MH16, MPP19, Möl88, NÁS+24, Pol95, Ren17, WY11, HK07]. **Constructions** [DS00, DV21, Ebe01, BGS11, FS23, FGP05]. **Constructive** [BP00, Bro03, CH85, CH86, GPWZ02, HJA97, HL21a, HL21b, JL91, MMO94, MM88, MRD11, Tak91, Abr17b, AABdG21, Göb98, HT91, Per04, Tak93, U.05, PP17]. **Constructor** [MT93, Mid94, SS96a, WG94, You89]. **Constructor-Based** [WG94, You89]. **contain** [Lub25]. **containing** [Piq91]. **containment** [KK17]. **Contents** [Ano99a, Ano00a, Ano01a, Ano01b, Ano01f, Ano02b, Ano02c, Ano04a, Ano04b]. **Context** [GGSST10, KF01, SSS02, ACGL04, HNRS21, LPT20, KLV10]. **context-free** [LPT20]. **Contexts** [FGT95]. **Contextual** [Str01, AR03, AB05]. **continuation** [BB25, DEPS11]. **Continued** [Col16, CK12b, Sad16]. **Continuity** [ST89b]. **Continuous** [Bur16, JWC+16, MCJ21, RH18, SLX+13, CCG06]. **continuous-time** [RH18]. **Continuously** [Hem02]. **Contour** [ABY90]. **Contraction** [BH95]. **contracts** [MM10]. **contributed** [Kap06]. **Control** [ACGR01, Jir97, LHD96, UYSA89, AHKY09, Pal13, PS18a]. **Controlled** [Fuc00a, WKB86]. **Convection** [Mag89]. **Conventional** [Sit97]. **convergence** [CFS22, GG25, PT14]. **Convergent** [MSKO93, OKK98]. **Conversion** [Kal99, Tra00, HK25a]. **conversions** [HK21]. **Converting** [CKM97, Kha14]. **Convex** [ABY90, AC01, JZ04, DHTY04, Fuk04, GSA+12, TRRK10]. **convexity** [CCG06, HZ19, Sor22]. **Convolution** [HC12, JB04]. **convolutional** [GTLN21]. **Convolutions** [APZ20, VL10]. **Conway** [CF09b, HL04, KP15, Mar19a, SW97b]. **Cooperation** [ASJ97]. **Cooperative** [DGS96]. **coordinate** [BvdE03]. **Coordinates** [Hav91]. **Coq** [DM05, GPWZ02, PMW93]. **corank** [BP07, BMS20]. **Corner** [Chi01, FC04, CK03]. **corner-cut** [CK03]. **Corners** [DDD95]. **Correct** [FLOR00]. **correcting** [BP09b]. **corrector** [HL16]. **Correlation** [PSZ91]. **correspondence** [Pos18]. **Corrigenda** [Nor95b]. **Corrigendum** [AP17, BR25, CS09, Der87a, FS13, HZ15, HdC16, HP08, KMR18, MHXD09, RS11b, KT94]. **Coset** [CG02, HH99, Lin91b, Sim91, BGHW06]. **Cosets** [Sla01]. **cosine** [GR98]. **cost** [GMP22]. **could** [MS09]. **Count** [BF91, Bry21]. **Countably** [Sne98]. **counterexample** [Ang24]. **Counterexamples** [vdH06]. **Counting** [AH01, BS24a, BR06b, HK95, HI98, Kal01a, Lab92, VW08, vzGGZ21, BS09, Cha25, CK12c, DHTY04, GS12, GPMS20, Hub09b, MV10]. **Coupled** [BSS25, FM02, GZ90, Zha93, KP91]. **Course** [Jac97, Sit97]. **Courses** [AGM97, CP97]. **covariants** [Bed09]. **Cover** [HLM95, Str01, BLR13]. **covering** [Wil90]. **Covers** [RS00, BKW20, MBR25, Poz15]. **Coxeter** [BB92, BDPR13, CLW95, Du 99, dM99]. **CP** [Alc16]. **Cracker** [CCT11]. **cranks** [Du25]. **Creative** [PS25, Zei91, BS24b, CK12a, CvHKK18, CDKW25, GHLZ22, vH25]. **Criteria** [BD88, Pic00, WW94, BBC+17, HA10, HP07, HP08, LLL19, MMS18]. **criterion** [AP11b, AP17, GHMA13]. **Critical**

[BD88, Bec93, Brå24, NMM90, Sto99, dCR17, ASS07, BNT18, Bod04, CKR04, FLE+23, GP20, Hor24, Kad13, Buc87]. **Critical-pair** [Sto99, Buc87]. **Critical-Pair/Completion** [Buc87]. **Cross** [OKK98]. **Cross-Sections** [OKK98]. **Crossed** [AOW23, BW03, OUI16]. **crossing** [Mon05]. **crossings** [BJM17]. **cryptographic** [BD04, KKK+16]. **Cryptography** [BCE+94, FP09]. **cryptology** [FGPGP14]. **cryptosystems** [CCT11]. **cube** [FKM10, KC09, TCT23]. **Cubic** [Gaá00, Lip93, PSV13, CK12d, DF05, FFP98, GSPB17, KT04, Sei20, SS24, SJS06, ZWH11, VM14]. **Cubical** [BT94]. **cubics** [BR13b, BR25, Eng10, HMXD07, MHXD09, MPSXD09]. **Cumulant** [PW06]. **CUP** [JPS13]. **Curried** [Kah95, KKSd96]. **curvature** [Hor24]. **Curve** [AM88a, BE02, HI94, MM00, Ric92a, Ahn08, ASS13, BO04, BGMSG07, BE17, CGL07, CJP+24, CK12d, FS16, FGT09, GS05, Gau09, GMMM17, HC12, Hub09b, JWC+16, MP89, PSA23, PSA24, RSV09, Sto17, SS24, Zen06]. **Curved** [GK94]. **Curves** [AH01, ACOR00, AF88, CLQ10, Cre01, GR02, GSST98, GV97, HSW97, Hon97a, HI98, Kal01b, Kid02, Mic13, Mňu97, RS97, SF90, Sch92, SGD97, SW91a, SW97a, Sen02, Sha01, ZS01, van97c, AC24, AK04, AK06, AS05, AS07, Alc08a, Alc12, AHM18, AGS16, BGLGM17, BGI18, Ber98b, BCGY12, CV11, CWL08, CVZ21, CJL13, CS16, CS05c, CGP23, DP19, DS18b, DGW19, DR23b, Eid23, El 08, Els15, FGS09a, FGS09b, FS10, FS12, FS13, FDS13, FM24, FG08, FGP05, FL21, GMF13, GP24, Gen22, Har12a, Har13, HJ18, HLO23, HJ15, Hie16, HLSW16, HS98, IMP17, JWG10, KRTZ23, KS12b, KH23, KH24, LSY07, LN13, LLL08, Lou21, Lub14, MSS21, MR15, OT13, PD07, Pis04, PSV11, PV13, Qi23, Qi24, Ren17, Roc22, RSS13, Sad16, SSS23, SS09, SS11]. **curves** [SJG13, Sor22, Tab11, VL10, Wan04]. **Curvilinear** [GV99]. **Cut** [BL00, EW86, BL06a, CK03, Sak21]. **Cut-elimination** [BL00, BL06a]. **Cutting** [Chi01, FC04]. **cycle** [Bor22]. **Cycles** [LP90, CFS07, HY23b, SH17b]. **Cyclic** [AF00, BF91, Gaá95, GTLN21, Hil05a, Hil05b, RZAG99, ABF09, BCI13, BM10, GGM10, Lüb23, TS24]. **cyclically** [BC06, NWW21]. **cyclicity** [LS16b, Sha12]. **Cyclotomic** [BCE+01, CM10]. **Cylinders** [BFHS92]. **Cylindrical** [ACM88, Arn88b, Bro01a, CH91b, CJK02, EBD21, McC88, MC02, PS00, Str11, Str16, BDE+16, BK15, CM16, KÁ21, LXZZ23, MSW15, NÁS+24, PdRAEC24, Str06].

D [BPH07, LMM05, YXL99]. **D'Alembertian** [AB09]. **Dancing** [Hem18]. **Data** [MMO94, Yan98, DE06, Far19, Hir89, HR17, RT17, SLK11]. **data-discriminants** [RT17]. **Database** [GP96b, FGR03, JR06, Moz89]. **Databases** [AB00b]. **Dataflows** [YI94]. **Davenport** [SS90]. **Dealing** [DM05, LO96]. **death** [KKK17]. **Debugging** [DL93]. **December** [Ano23j, Ano24k]. **Decidability** [GSSST10, SS96b, SSS05, BHSS89]. **Decidable** [ARS10, Ott91, SSS02, Sta89]. **Deciding** [EW00, GRW16, Gri88, LW10, MW12, VGW18, Vor92, dNdR03, DH16, DF09]. **decimic** [BP10a]. **Decision** [ARS02, BS96, CCG06, Ren92a, Ren92b, BE10, Bus09, DGLM+24, GX04, STDD16, SS03a, Ye17]. **Declarations** [MGL00]. **declarative** [AHH+05]. **Decoding** [BF01, CP10, ABF09, BB10, BP09b, DS09, LO08, LO09, MRG13, MRG17]. **Decomposable** [SO89, Sha01, GGMFVT13, HJA17, vzG13]. **decompose** [BFPT21]. **Decomposing** [Gri20, Püs02, Wan98, AABdG21, FP09]. **Decomposition** [AF88, Arn88b, BZ85, BR87, BRM01,

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[HS97, AHM18, JWC+16]. **Determinant** [KKS25, Vil11]. **Determinantal** [PV13, Dey21, HESV21, PS21]. **determinants** [HNE16, HHLQ13, MM04a, Oki23]. **Determination** [LM90, LW01, Zen06, FGL04, PS89, SK12]. **determine** [HBN95, SM18, SS88, CC24]. **determined** [Sza08, Tsa16, Wer12]. **Determining** [Hen98, LS16b, Mic88, Sch85, WZ12, Yan99, YXL99, ZX20, FK89, GS24a, LH17]. **Deterministic** [Gao01, GKL04, Guo20, HSS18, Kal87, MO98, MS11b, Pol95, ST89a]. **Development** [AB00a]. **deviation** [Du25]. **devoted** [HKP+06]. **DeWitt** [GK94]. **DeWitt-Seeley-Gilkey** [GK94]. **diagonal** [Bri06, LS11, LS12]. **Diagonalization** [HM97]. **diagonals** [BDS17]. **diagrams** [BKV24, CC24, KPRT18, STDD16]. **diameter** [BGT20]. **Diatomic** [OT87]. **dictionary** [STW18]. **Dieudonné** [Oki23]. **Difference** [Bro00, FHR99, GV99, Hen98, HS99, Lev00, Wan18, Wol00b, ABvHP11, AR13, ABPS21, AP25a, BJ21, Cha14, Dun99, FGH08, FSW10a, FSW10b, GLY09, GVYZ09, GHY17, GMF13, HW24, Lev21, LYG15, OS24, Sad25, LT22, Sch08, Sch16, SvE14, SvE21, YZ21, ZG09, ZW08]. **Difference-Differential** [Lev00, Lev21, ZW08]. **Different** [Egl96]. **Differential** [Ano01e, BP99a, Bar99, BRM01, Bro92, BEM97, CDF92, CV00, Com98c, CS99, CSTU02, Die92, Dun99, GC93, Gri90, GSZ13, Hv95, Hub99, Hub00, Hub09a, Kov86, Lev00, LS01, MC97, Mil87, Mil92b, Mor99, ŌS94, RT89, SV92, Sch99, Sch85, SS95, Sin90, Sin91, SU93a, SU93b, Sit97, Tra06, Tsa00, Ulm94, Van02, VRUW99, Vid99, Wan91, Wan99, WBM99, Zha96, dv96, van97a, van97b, vdP99, ABK15, Abr17b, Ald23, Ald25, AAB+18, AMW12, Arr16, BGLHR12, BP09a, BCE11, BE13, BELP13, BM19, BSW21a, BC24a, Bîl11, BD12, BLM10, BLL+16, BLPM19, Bro90b, CFS22, CvH04, CQ12, Cou18, DJO+11, DS86, Dra03, DW22, DP09, ES23, FGLH+23, FSW10a, FSW10b, Fre04, FL21, FK89, GH05a, Gao03, GVYZ09, GGG06, GLLdR19, GHL16, GV16, Gol06]. **differential** [Gol08, GKO09, GOT05, GS18, GOP18, HT91, HI08, Hil87, HY23b, IvH17, JLR03, Lev21, LG21, LGM21, MS03a, Mil93, Nak16, NNvdPT15, Ngu09, PH11, RR08, RS19, RS10, RS11b, Rue11, Sad25, Ulm03, WK20, ZW08, vdH07a, vdH07c, vdP05, vdPT15]. **Differential-difference** [Dun99]. **differentials** [HH07, LN21]. **differentiated** [Vil11]. **Differentiating** [AZ90]. **Differentiation** [Wan94a, HLXL18]. **diffgrob2** [MC97]. **Diffusion** [BH95, Bon96]. **Diffusive** [Mag89]. **Digit** [Jeb95, Rou08]. **dilated** [BVW18]. **dilogarithmic** [KS19]. **dilogarithms** [Bad06]. **Dimension** [Chi96, GHL+00, HS21a, Lev00, MR13, Meg90, Vor99, AP25a, BMNB+11, CFRS23, DJ07, Eng10, FD18, Gau09, Giu88, HJ18, KW88, Lev07b, Lev21, LV14, Lou21, MRSW07, MV13, PS89, Shi04, ZW08]. **Dimension-dependent** [MR13]. **Dimensional** [ACM88, ARE02, FGLM93, Laz92b, McC88, Nor95c, Sak88, AKR05, ACMB19, AOW23, BRM01, Buc06a, CES23, CGY09, CGG12, CJ15, Dur09, ES20, FMR04, HOP06, HKPP09, HSV08, HKYY18, JWC+16, KMH89, LST03, MWZ16, MM04b, MP04, Mon02a, Mos08, NT17, NY99, Nor95b, PKP24, PP17, PS13, SS90, ST20, Shp14, XWL23, XWL24]. **Dimensions** [AP08, EW86, EPW90, BLV18, EKP22, MS11a, PH11]. **Dimer** [BGH93]. **Diophantine** [AP11a, Cip08, CF89, CKS99, FT95, PT98, PV00, PV02, Wei88, Wei90]. **Dirac** [RS19, TM85]. **Direct** [ZS01, CJ22]. **Dirichlet** [OZ94]. **Disc** [Pan96]. **discipline** [CLS91]. **discontinuities** [AP90, FL11].

discontinuous [JT03]. **Discovering** [APS12, Fox18, SLX+13]. **Discovery** [Wil95, Sil04]. **Discrete** [MM00, OZ94, BFG+25, BJT22, CM09, Gau09, KKK17, MBR25, MS03a, Vac17, vzGM22, VM14]. **discrete-time** [BFG+25]. **discretizations** [WRI09]. **Discriminant** [HM02a, Lip93, Sma96, BHM+23, FIMT24, IMP17, MM06, Mor11]. **Discriminants** [McC99, Nie12, BMT21, CC07, LM09, RT17]. **Discriminator** [Bur92]. **Discussing** [Mon02b, DHM11]. **Discussion** [YYZ12]. **Disjoint** [BS96, CJ22, SS89a]. **disks** [KC09]. **DISPGB** [MM06]. **Dissections** [Lis95]. **Dissimilar** [SY25]. **dissipative** [KP91]. **Distance** [CFSGL21, LN21, BP09b, BGT20, ÇJM+21, Lee17, Toh10]. **Distances** [Hav91, GGMAMF19, GMMM17, GTLN21]. **distancing** [SZ25]. **Distinct** [MM00, GR12, GKL04, XXZZ23]. **distinct-degree** [GKL04]. **Distributed** [BH95, Bon96, CM96, DGS96, DS96, LC96, STA94, ZBH96, SMB03]. **distribution** [BP07]. **distributions** [BM10, KP91, RS19]. **distributive** [SS03a]. **Distributivity** [SS96b, TA87, Con93]. **Disunification** [CL89, Lug95]. **Division** [Jeb93, KJ96, Rol90, BF22, Eid23, MP11b, Nak09, VK16, Vil11]. **division-free** [Vil11]. **Divisions** [Ape98, Rol86]. **Divisor** [DTGV02, MG94a, van97c, GGMAMF19, JPPSG09]. **divisor-closed** [GGMAMF19]. **Divisorial** [Vas00]. **Divisors** [KT90a, LM89, Lüb02, IS10, KLM+21, LLL08]. **Dixon** [Chi01, CZG02, CK03, CK04b, CK04a, CKM09, FC04, Pal13, QZYC22, Sch90b]. **Do** [She97a]. **documentations** [SWF11]. **Documents** [CC01]. **does** [LMPX11]. **Domain** [For87a, MPS02, CK90, DMY16, KRK88, QHL+13, Sek11]. **Domains** [AHLM99, KR94, Pan89, del95, DF08, EPP21, FD18, HL21b, LS12, MS11a, Oak13, VK16]. **dominant** [Hon04]. **Don't** [vdH02]. **Dotted** [MW91]. **Double** [AP93, Jeb95, LP03, Lin91b, Mag89, Sla01, BGHW06, DHKS07, DHKS09, FGS09a, FGS09b, KS12c, PS25, RS11a, RS20]. **Double-Diffusive** [Mag89]. **Double-Digit** [Jeb95]. **Double-Sum** [AP93]. **Doubly** [CC91, DH88, LH98]. **down** [Fre13, MBL21]. **DPPEs** [RS11b, RS10, Rue11]. **Dragging** [SMJ19]. **drift** [KLR93]. **Drinfeld** [DNS21]. **Driven** [WKB86, HT23, HT24b]. **drops** [ERSG05]. **DSC** [DHK+95]. **Dual** [BE02, BDM+16, BU14, CHL25, CC07, DP24, HK10, KL17a]. **Duality** [JJ01, Pap23, Jou09, Wan23]. **DVR** [Car15]. **Dynamic** [DTL10, Duv94, GMS09, Pas86, BKR19, KRV19, SMJ19, Str19]. **Dynamical** [CD00, LP02, Ous91, CDSS09, KS06, SLX+13]. **Dynamically** [HKK98, GPMS20]. **Dynamics** [GG99, HS89, Gat03, MJST22, Sad17, SMJ19].

E-CCC [Hir89]. **E-services** [Ran12]. **each** [EGS23, Lub25]. **Early** [KsL03]. **Easy** [LHK+13]. **economy** [Pra13]. **Ecosystems** [MRS96]. **edge** [EFG16, FC04, HDPS11]. **edge-adjacency** [HDPS11]. **edge-skeleton** [EFG16]. **Editing** [CH95, vdH15]. **editor** [DGPP10, Bos01, Buc92, Hon96, Kut10, Lev07a, Smo98]. **Editor-in-Chief** [Buc92]. **Editorial** [Ano18g, BK90, Cav00, CGT04, DS06, Edi85, Hon00, Lam97, LS02, Ano03b, Ano03c, Ano03d, Ano03e, Ano03f, Ano03g, Ano03h, Ano03i, Ano03j, Ano03k, Ano04c, Ano04d, Ano04e, Ano04f, Ano04g, Ano04h, Ano04i, Ano04j, Ano04k, Ano04l, Ano04m, Ano04n, Ano05a, Ano05b, Ano05c, Ano05d, Ano05e, Ano11a, Ano11b, Ano11c, Ano11d, Ano11e, Ano11f, Ano11g, Ano11h, Ano11i, Ano11j, Ano11k, Ano11l, Ano12a, Ano12b, Ano12c, Ano12d, Ano12e, Ano12f, Ano12g, Ano12h, Ano12i, Ano12j, Ano12k, Ano12l, Ano13a, Ano13b, Ano13c, Ano13d, Ano13e, Ano13f, Ano13g, Ano13h, Ano13i, Ano13j, Ano13k, Ano13l, Ano15a, Ano15b, Ano15c, Ano15d, Ano15e, Ano15f, Ano15g, Ano16a,

Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano17a, Ano17b, Ano17c, Ano17d]. **Editorial** [Ano17e, Ano17f, Ano17g, Ano17h, Ano17i, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18h, Ano19a, Ano19b, Ano19c, Ano19d, Ano19e, Ano20a, Ano20c, Ano20b, Ano21b, Ano21c, Ano21d, Ano21e, Ano21f, Ano21g, Ano21h, Ano21a, Ano22a, Ano22b, Ano22c, Ano22d, Ano22e, Ano22f, Ano23a, Ano23b, Ano23c, Ano23d, Ano23e, Ano23f, Ano23g, Ano24a, Ano24b, Ano24c, Ano24d, Ano24e, Ano24f, Ano25a, Ano25b, Ano25c]. **editors** [CJGV09, JMPR04, Ano99c, Ano00b, AJ01, BB93a, CH97a, CJS01, CL00, DGR07, DDHS13, HSW97, HL97, KM98, KW13, KR97, LPPR12, MMY00, MNJ94, PZ92, PS95a, SB99, WS98]. **education** [GGAVRC13]. **effect** [DDR11]. **Effective** [ACMB19, Ano01e, BS22a, BBC+17, But85, DGPP10, DHTY04, Dub93, GPS09, GS18, HS01, MMS18, MS21, MS10, MGRR23, MS22, NP20, VB03, vdH05, AMDW16, BCLR13, CM17a, CDM+13b, CFS24, DDM15, DJ07, GX04, GDRV21, HV16, Kad13, MBR25, Mor20, RRS19]. **effects** [KT25]. **Efficiency** [BPH07, Gre95, HcL21]. **Efficient** [BTW93, CO01, CF89, CM93, CE95, DF05, DSV01, EG00, EG04, EH21, Eid23, ES98, EC95, EFG16, Geb02, GHLZ21, GHLZ22, GKW98, HI94, Lim93, Mag17, PH87, SS96a, Sut12, Sut13, Sut16, ZSY93, ZL12, vdH07b, FP09, HDPS11, JGF09, KSW13a, KSW13b, MTV21, PS18b, Sal08, YZ21, FGLM93]. **Efficiently** [CKR04, DMS21]. **Ehrhart** [BEZ23, BS15]. **eigenfrequency** [KP91]. **eigenrings** [BSW21a]. **Eigenspaces** [MT01]. **Eigenvalue** [For02, CGK09, HHLQ13]. **Eigenvalues** [Qi05, Koz23, Qi06]. **Eigenvectors** [OO13]. **eight** [DS18a]. **Eilenberg** [MGRR23]. **Einstein** [ACS13, ASS20]. **Eisenstein** [DF05]. **Elastic** [Eis90]. **Electronic** [BC01]. **Element** [TL96, Wan86]. **Elementary** [AM88b, Bro90a, Bur04, DS86, Lüb02, Bad06, DHKS07, El 03, PV13, SR07, ZWM15, Zha03]. **Elements** [BBB92, CH96, Gaá95, KT04, YNT89, Buc06a, CF09b, GTLN17, SS16]. **Élie** [NPD09]. **Eliminating** [KL17a]. **Elimination** [Arn88a, AM88b, CH97a, CH91b, DH88, DS02, DYA97, DKLP21, EW00, EM99, Fer96, GV96, GVGC99, HL97, HLS97, Jir97, KFF88, Laz88, LS95, Mul01, PS00, Ren92b, Ren92c, SK91, Vir99, Wan93, Wei97, BL00, BL06a, BGG13, CM16, CS98, EH16, Fer98, GGL06, GOP18, HSV08, HE12, JPS13, Sch07, SD05, Tra07a, Vil25, XLY15, Zan94]. **Elimination-based** [DKLP21]. **ELISE** [Die92]. **Elkies** [BW22]. **ellipse** [JH21]. **ellipses** [GKR23]. **Elliptic** [Car99, Cre01, Gar95, HH98, Kid02, MV10, Ye18, BGH+04, CV11, FG08, Gau09, Hub09b, PP25, Sad16, GKR23]. **embed** [DW18]. **Embedded** [BE11, BCS97, KL17b]. **Embedding** [AAB+18, BS87, Rd91, Vel00, LL13]. **Embeddings** [GR01, BELT21]. **Empirical** [AGMT98]. **empty** [Fer98]. **encoding** [Cox19]. **encodings** [Vat12]. **Endomorphism** [GHS01, Sch90a]. **endomorphisms** [DL06, HLSW16]. **enforcement** [LMA11]. **Engel** [CdG09]. **Engine** [WKB86]. **Engineering** [KC01, Mer01]. **enjoying** [HL21a]. **enough** [HL21a]. **Enriched** [Lab92]. **entries** [MM04a]. **entropic** [STVvR24]. **Entropy** [Gri22]. **Enumerating** [SZ25, You89, KMY24]. **Enumeration** [CP00, CG02, Lin91b, LMM05, Sim91, HV16, Pel03a, TS24, FGS09b]. **enumerative** [DaZZ04]. **Enveloping** [dG01, AL88, FS98, IL09]. **Environment** [DGS96, HL98, BPT11]. **environments** [SMB03]. **epidemic** [BENW06]. **epimorphisms** [Poz19]. **equal**

[LMPX11, Roc11]. **equal-spaced** [Roc11]. **Equality** [Dav02, Hsi87, NR95, BPT12]. **Equation** [BTG02, FT95, FHR99, Hv95, Hub99, Wol00b, Arr16, BL06b, Bro90b, Che23, DZ09, FGG+16, GH12, GIM07, KP91, LL16, Maw88, Mil93]. **Equational** [AB99, BS96, BS86, BHSS89, CZ92, CL89, DR93, GR10, HK95, HKK98, JM95, Lyn97, McN92, Pau85, QW96, SS89a, SS89b, WG94, AHL03, DKM21, EBD21, LM94b, Pic03]. **Equations** [AP89, AK00, AHW05, BP99a, Bar99, BGH93, BF91, BGK86, Bro92, Bro00, CDF92, CV00, Chu99, CF89, CM93, Com98c, CS99, CSTU02, CKS99, Cza89, Die92, DG20, FM02, GPP93, GP96a, Gaá00, Gaá02, Gan91, GC92, GH97, HH98, Hen98, HS99, HPT02, KST93, KFF88, Kov86, LS01, MC97, Mar96a, Mil87, Mil92b, Nau98, PV00, PV02, RT89, SV92, SSS02, Sch99, Sch85, SS95, Sin90, Sin91, SU93a, SU93b, Sit97, Sma96, Sny93, SBB+89, Tra98, Tun02, Ulm94, VRUW99, Vid99, Wan99, Wol02, YNT92, Zha96, dv96, vdP99, ABvHP11, AR13, ABPS21, AP25a, Adl16, Ald25, AAB+18, AP11a, AC04, AHL03, BV03, BP09a, BC24a, BB10, BPZ06, BPT25, Bîl11, BS22a, BD12, BR06b, CFS22, Cha14, Cou18, DJO+11, DS86, DP09, Drt06, DJ89]. **equations** [EG15, FGH08, FSW10a, FSW10b, Fre04, FK89, Gal87, GH05a, Gao03, GGG06, GSZ85, GG25, GS18, GR98, HL17, Heu98, HTZ04, Heu06, HW24, IvH17, Izu16, Kut07, KKM15, LE22, LGM21, MP09, MRV21, Nak16, NNvdPT15, Ngu09, PWS+25, PH11, Roc22, RT17, RR08, Sad25, LT22, SY25, ST24a, SvE14, SvE21, Tun09, Ulm03, WK20, ZWH11, vdH07c, vdP05, vdPT15]. **equilibria** [BENW06, Tsa23]. **Equisingular** [CGL07]. **Equivalence** [BL93, HS90, LWXZ23, NNvdPT15, Bîl11, BLPM19, CF09a, DKLP21, LWX23, MS16, MV15, SS88]. **equivalences** [HJ18]. **equivalent** [CO96, Nak16]. **Equivariant** [GG99, Wor94, BK16, Pos18]. **Errata** [Kal90, KL90]. **Erratum** [AP04, DHM11, Fer06a, HJM94, Hil05b, Sag89]. **Error** [Che85, Kno92, Kno93, Mro96, VGT90, BP09b, KS19]. **error-correcting** [BP09b]. **Error-Functions** [Kno92, Kno93]. **errors** [GLLZ23]. **especially** [Sut15]. **Essential** [Hub99, FKO18]. **essentially** [Ber98a]. **Estimates** [Bea92, Sha90a]. **Estimating** [KO17, Tsa16]. **estimation** [BFG+25]. **Estimations** [Ded97]. **estimator** [CS21]. **Eta** [LLL08, HR19, Smo21]. **Euclid** [CCD+09, Gir21, Jeb95]. **Euclidean** [Bus09, BL98a, BBN18, Col02, EPP21, Hav91, Kal93, KRK88, Lee17, Mv90, Nor90, Orl22, Rol86, RS13, VK21]. **Euclidean-like** [BL98a]. **Euler** [FW15, Hel16, KP91, RdC13, XW20]. **Evaluating** [OPP93, Pra13]. **Evaluation** [Ant05, AB89, DSW09, Dur09, Duv94, Köl85, Mer01, vdH01, BES13, CCQ18, Cox21a, IM25, Piq91]. **Evaluations** [KT90a, KY16, KKS25]. **Even** [BCE+94]. **every** [BR10]. **Evolution** [BPT12, GH97, Sch94, GSZ85]. **evolutionary** [Adl16]. **Exact** [CK03, Dor21, Eit94, HNE21, Jeb93, KLYZ12, KJ96, LZS11, Wol00a, BGH+04, CG06, GPMS20, HDPS11, ME21, MW23, Nal18]. **exactly** [BS24a, Wan06]. **exactness** [LR23, LR24, MRTV25]. **Example** [Duv94, Vor89, HTZ04, Kos07, MSS21]. **Examples** [BGK86, Hav91, Laz88, Sta16, BO10, Sch06]. **Except** [BE99b]. **Exceptional** [HRT01]. **excess** [Rod15]. **Exchange** [GKW98, ADGT25]. **exclusion** [HLXL18]. **Excursion** [Gar95]. **Executable** [Ano96, ET96, Mal21]. **Exhibition** [EW02]. **Existence** [CFS22, Far19, Gol01, CCF+15, CDWZ21, EG07, GG25, VGW18]. **Existential** [Ren92a]. **exp** [BFG+25, Sha90a]. **Exp-log** [Sha90a]. **expander** [HL18]. **expansion** [vdH11].

expansions [PPR13, WK91]. **Experimental** [Gre95, PP91b, PNM13]. **Experimenting** [HJM93, HJM94]. **Experiments** [ML92]. **Explainable** [PdRAEC24]. **explanation** [TRRK10]. **Explicit** [CJUE01, Cou00, Els15, HH98, Har13, KM00b, Köl85, KS21, Led00a, Vel00, XW20, BDM17, Jou09]. **Exploiting** [EP02, BH21, LXZZ23]. **Exploration** [MPS02, TZ21]. **Exploring** [ABFS15, HL98, Tsa23]. **Exponent** [Vor92]. **Exponential** [DH88, GV88, Bas06, CvH04, Fre04, HL17, PS24, XLY15]. **Exponentiation** [GvPS00]. **Exponents** [Pel97]. **expressible** [BGH+04]. **Expression** [CJMP97, NPD09, Sto11]. **Expressions** [Bac94b, BFHT85, BS87, GKW98, OPP93, RW94, WBM99, Zip85, BBK14, DM05, KR22, MCJ21]. **expressive** [Hir89]. **Ext** [CGS97, Kos07]. **Ext-quiver** [Kos07]. **Extended** [AAKM21, BB93b, HA10, HR11, MS95, SL92, CHM12, Kem16, WWWX23]. **Extending** [DJ96, LG21]. **Extension** [GS23, GS24b, Ott91, Smi00, YNT89, AL88, AB05, Har12a, JPP19, JPNP23, Kun18, ST19]. **Extensions** [BH00, CLW95, CcK02, Dab01, Gre95, Led00b, MQS00, SW97a, Vas00, del95, ABPS21, Bur16, BLW03, Fre04, KT04, LW10, Mau87, NP20, Sch17b, Sut12, Sut13, Sut16]. **exterior** [HT91]. **External** [SP10]. **Extracting** [AGT13, Pel03b]. **Extraction** [Tak91]. **extraneous** [QZYC22]. **extrapolation** [vdH09]. **extremal** [AC19]. **Extreme** [BS17b]. **Extremely** [BM16a]. **EZ** [Tsu09]. **EZ-GCD** [Tsu09].

F5 [AP17, AP11b, EP10, Vac17, Vac18, VVY21]. **F5C** [EP10]. **face** [Tsa16]. **facility** [AB05]. **Factor** [Boy93a, Boy93b, Col04, CTY10, GNP12]. **Factorial** [Pau95, JPP23]. **factorial-basis** [JPP23]. **Factoring** [BS90a, Baj86, CE96, CD85, Gao01, Gie98, GHL16, Gri90, LST03, OP05, Pau01, Poh05, VH98, Wei13, vzGP01, CL17, CDS24, DNS21, DMS21, Gen07, Guo20, RR08]. **factorisation** [Sal08]. **factorise** [DEP22]. **Factorization** [BTW93, Cza89, Hub00, KT90a, LSS19, NSW85, NG93, Pan02, Pau95, Sho95, SW91b, Vir93, YNT94, del95, van97a, van97b, AHKY09, BCG10, BU14, BDM+16, Car15, CG06, EP04, EGW09, GKL04, GTLN19, GNP12, KMYZ08, Lec07, LH18, LSS25, LWX23, MS11a, MSW15, Min98, MT20, Rob04, Rup04, Sch19, Ste05, VK16, Whi91a]. **Factorization-free** [Hub00]. **factorizations** [FIMT24]. **factorizing** [MKF93]. **Factors** [CTR99, McC99, Pan96, Abb13, AV11, AGT13, CGK+21, GR12, Gre16, HJS22, Kan91, QZYC22, Sek09]. **Failed** [BCE+94]. **fails** [VK21]. **Faithful** [dGN02]. **fall** [CG23, HKYY18]. **Families** [BS21, LPY01, RT89, ASS13, BKW20, CR11, FK04, HTZ04, Lou08, Lub14, Pet10, PT98, Wib07]. **Family** [GH02, HPT02, ACFP12, EG21, GEL05, Heu98, Heu06, Ren17]. **fan** [Aue05, Gol06, MR88]. **Fano** [Yah23]. **Fans** [CM97, MR17]. **Far** [MN89]. **Fast** [BL98a, BFSS06, BY23, BP00, Bre86, Bro12, CC91, CZG02, Col02, Cox19, Cox21a, Cox21b, DS12, DPS17, FT95, Gaá93a, Gal87, IM25, JNV21, Kal85, Kal90, LMS09, LR01, MS03a, Mul90, OS04a, Poz24, PWZ18, Ros23, Sal94, Sho94, Sny93, Tra00, vdH01, BLS23, CCD+09, CM04, DPS23, HM21, JB04, LS16a, LMRS11, RS13, Zhe21]. **Faster** [AGR16, AIRR12, BF91, Har09, Har14, Hre94, HG20, KMR18, MR10, Roj99, CL17, Rio03]. **fat** [BDS+18, Szp22]. **Faugère** [EP10]. **Fault** [Abb17]. **Fault-tolerant** [Abb17]. **Favorite** [Kal00]. **feasibility** [AIRR12]. **Feasible** [von87, HNE21]. **Feature** [Bac94b, DR92]. **Features** [Buc87]. **February**

[Ano24g, Ano25d]. **Feedback** [DYA97]. **Fermat** [AML19, HS09, HJ15, Lee17, SS24]. **Fermions** [Hug90]. **Few** [KM00a, Bas06]. **Fewer** [BS90a]. **Feynman** [BKSS12]. **FFT** [Cla22, Van02, vdH10]. **FFT-based** [Cla22]. **FFT-like** [Van02]. **FGLM** [BF20, BTBQM00, DH17, FM17, HNRS21]. **fiber** [DS18b, HQS19, RS16]. **fibers** [CTV16]. **fibrations** [RRS19]. **Field** [Bro92, Bro00, Gre95, HJ15, LM89, McN92, MQS00, Rut93, SW97a, Str97, van94, ABPS21, BFH17, CM21, CK12c, DM05, EPY98, HW24, KR23, LS24, PZ12, Sch08, ST19, SvH19, Wen06]. **Fields** [AF00, AH01, Arn88a, BCS97, Bru01, BW87, CcK02, Dav94, DS97, EG00, Enc95, FGT02, Gaá93a, GPP93, Gaá95, GP96a, Gaá00, GvPS00, Gie98, HM02a, Hes02, HPT02, HI98, Kal87, Kem96, LPY01, Mv90, MQS99, NG93, PW90, Pau01, Poh97, Rol90, Sho94, Smi02, Ste97, Stu00, Wor94, YNT89, Zha95, vG90, von90c, vzGP01, AP11a, AP22, AL88, BES13, Bau15, Bel04, CL17, CCQ18, CDS24, CM10, Cox21a, Cox21b, DS12, DFO13, DT06, DNS21, DFS11, Eid23, EK19, Fie04, FS23, GKL04, GH12, GS12, Gen07, GNP12, Guo20, GS06, HL04, Heu06, HL18, JT03, JPPSG09, JR06, KO17, KT04, Kli90, KC18, KS21, Kut19, LS24, Lüb23, MBR25, NT21, NY04, OP05, Poh05, Rob04, Roo13, Sad16, Shp14, Ste05, Ste10, Sut15]. **fields** [Top14, Ura24, Vac17, VK21, VV18, Vil25, Win14, YY03]. **Fifteen** [But93]. **filiform** [CGGO09, EKP22]. **filters** [KT25]. **filtration** [DS18b]. **Filtrations** [MS02]. **final** [HY23a]. **Finance** [BTG02]. **find** [BvdE03, SJG13]. **Finding** [AF00, BP98, FT95, Gaá93a, GLW99, Ges95, Jeb95, Kan91, KKM15, Lo98a, LO99, MM00, Sak88, Tak95, Tra98, Vat12, AV11, BN04, Bîl11, Buc06a, FG06, HNE16, IM25, JPP23, KH23, KH24, Pan02, Raa12]. **fine** [DH07]. **FINGER** [Wan86]. **Finite** [AH01, BB92, BE99a, BM01, BCS97, BL96, BL93, CH91a, Che85, CO94, Dav94, DHS98, EG00, Ebe01, EW02, Gal22, GvPS00, Gie98, Gla88a, Gla88b, Gre95, HS99, Höf01, HI98, Kal87, Kar85, Kem96, LM90, Mv90, NG93, Nie94a, Nor95d, Ous91, PW90, Rón90, Sak88, Sho94, Tha93, TL96, Wei94, Zha92, vG90, von90c, vzGP01, Bad06, BES13, BP24, Bel03, Ber98a, Bor22, BS24b, Bur04, CH03, CH04, CELG04, CHSS05, CHU19, CGS97, CL17, Cha25, CvHKK18, CKLZ19, CN19, CLM16, Cla22, CK12c, Cox21a, Cox21b, CN07, CO96, DA05, DS12, DFO13, DW18, DNS21, Drä01, DFS11, EENMP19, Eid23, GKL04, GH12, Gen07, GMP13, Guo20, HL04, HMN06, HY23a, HL18, JMV23, JPP19, JPNP23, KZ08, KS19, KO17, Kin13, Lea06, LS16b]. **finite** [LST03, Lüb23, Mag17, MM04b, Mur23, Mur24a, Nie03, NY04, PKP24, Pel03a, Poz19, Shp14, Sil04, SH17a, Top14, Ung06, Vac17, Vil25, Wan86, Win14]. **finite-dimensional** [LST03, MM04b]. **finite-precision** [Vac17]. **Finitely** [BRM01, CDO01, GK96a, Let01, Lin91a, Lo98a, MO88, MQS00, NÓ89, OS92, OKK98, PS97a, Vat06, dGN02, BMQS06, CE19, CdG09, DMY16, GGMAMF19, Lab90, MO85, Sch17a]. **Finitely-generated** [dGN02, DMY16]. **finitely-presented** [CdG09]. **Finitely-valued** [OS92]. **Finiteness** [HdC13, HdC16, CC24, CO94, CO96, DF09, Ric91]. **finitistic** [Shi04]. **First** [Ano00b, BZ03, Hol85, Hsi87, Lab95, Man93a, OS92, Pau85, PSS12, Ren92a, Ren92b, Ren92c, ST89a, Sch85, Tre92, BE13, Bas06, Bec03, CFS22, Dra03, FG06, HW24, KPR10, NW10, Str11, VGW18]. **First-Order** [Ren92a, Ren92b, Ano00b, OS92, PSS12, Ren92c, BE13, VGW18]. **Fitzpatrick** [LOOR$^+$03]. **Five** [SW95, DT23, Oll88]. **five-body** [Oll88]. **Fixed** [Ley01, Pan96, Cha25]. **Fixing** [WBM99]. **fixpoint** [BSC12]. **fKenzo** [HPRS11]. **flag** [ACS13, ASS20, PPR20, Qur17]. **Flajolet**

[SSS+11]. **Flat** [CR11, Kun18, Kut08, BBV15]. **Flatness** [Ass94]. **Flattenings** [Mar02]. **flex** [CK12d]. **float** [Abb12]. **Floating** [Cuy97, IM25]. **Floating-Point** [Cuy97, IM25]. **floats** [Lia13a]. **Flow** [Fit89, Sav90, YP91]. **Fluid** [CJMP97, NMM90, YP91]. **Flynn** [LOOR+03]. **Focus** [Nie94b, MPH17]. **Fold** [BB93b, Koe95, IT10]. **Fold/Unfold** [BB93b]. **foliations** [Alc16, CS06, Cou22]. **FOR-loops** [KW10]. **Forcing** [PP91a]. **Foreward** [Buc92, PZ92]. **Foreword** [Ano99c, Ano00b, AJ01, AFP09, BK11, BDT22, BB93a, BK12a, Bos01, CH97a, CJS01, CJGV09, CL00, DGR07, DDHS13, DOR17, FR09, FLB00, HSW97, Hon96, HL97, KM98, Kal21, KOS21, KASW05, KR97, Kut10, Lev07a, LPPR12, LL23, MMO18, MMY00, PS95a, PSS12, PEGS11, SB99, SS18, Smo98, WS98, DGPP10, KW13, Par08]. **Form** [Boy92, CD00, Dür89, Egl96, GPP93, GP96a, Gaá00, Man93a, MF90, PG86, Sma96, Van00, Vil95, Von98, AMW12, Bed07, Bed09, BPZ06, BLS23, BGG13, Cha14, DL88, FKO18, Hul13, JNV21, JY17, KR23, LM92, LS11, LLW24, Rau11, RZ09, SST18, Sch04, Stu17, WWWX23, WY11, DSV01]. **Formal** [AC01, BP99a, BJM17, BM19, BSW21a, Bec09, Bie85, CO01, Kal02, LMA11, RH18, Sin90, van97b, Abr17b, GG25, HI08, IvH17, VB03]. **Formalization** [BBN18, FLOR00, Mal21]. **Formalizing** [IGT15]. **Formally** [HK10, MRH23]. **format** [BR06a, ST24b]. **Formations** [Mur23, Mur24a]. **Forms** [Ae02, CK99, CD87, Drä01, FH94, GS02, Lip93, Lis95, Man93b, Mar96b, San96, Sch98b, SS95, Sne98, Ste97, Wei94, tW91, AP04, AP10, AH13, ABC22, ADCZ21, BCE11, BE13, BLV06, BFPT21, BC06, BR13b, BR25, BS17b, BLL+16, BLPR15, BD13, BST16, CGO88, CV11, CL07, Deu93, DFdG13, GLLdR19, GHL21b, HR12, Kop08, KC18, LS12, LWXZ23, MTV21, MRTV25, PRR18, WZ12, YY03]. **Formula** [Mul97, Wol00b, MS22, PR22]. **Formulae** [CH95, DS97, GV97, DE03, EK11, EM12, GHS03, LM94b, SS09, BMT21]. **Formulas** [tW91, Bro12, KBRV24, XLY15, XW20, ZWH11]. **formulation** [CK03, CK04b, CK04a, HS17b]. **FORTRAN** [SR86]. **Forward** [Dur94, SS96a, JMPR04]. **Forward-Branching** [Dur94, SS96a]. **Foulkes** [CIM17]. **Found** [Lab95]. **Foundation** [Eis90]. **Foundations** [ES13, Fre13, JKP12]. **Four** [AM99, AS24, AC24, BDPR13, BR13c, DEP22, GR12, Tsa16, aZGS05]. **Fourier** [CR98, CM04, Cla21, Cox22, DE06, JSC13, KS16, PT14, RH18]. **Fourteen** [But93]. **Fourth** [FHR99]. **Fourth-order** [FHR99]. **FP** [YI94]. **fractals** [HT17]. **Fraction** [BCL06, LS95, LS12, Mul01, Col16]. **Fraction-free** [BCL06, LS12, Mul01]. **fractional** [Gal13b, GKS12, VM14]. **fractions** [BLL+16, CK90, CK12b, Sad16]. **Fraenkel** [Win06]. **fragments** [ARS10, CCG06, dNdR03]. **frame** [CS16, FDS13]. **frames** [FS10, FS12, FS13, Olv03]. **Framework** [AB99, BFK02, BF93, CH95, DJ96, DH00, OS92, Str01, BD09, CMR19, LWXZ25, SLK11]. **frameworks** [KS18]. **Franca** [LHK+13]. **Francesco** [KKS25]. **Free** [AS24, HKL99, JM93, LS98, LS95, Lev00, OT01, Ros93, Wra88, AFdCS15, BCL06, Bec03, BD13, CE19, CMR15, CS09, DS97, Gal16, Gal22, HV22, Hub00, LL13, LPT20, LS12, LMZ23, LG21, Mul01, Nag21a, QR07, dCW09, Sch19, Sla07, Smi05, STDD16, Tak91, Vil11, Yel87, ZGG23, dGN02]. **free-variable** [Bec03]. **frequencies** [Sad17]. **Freyd** [DDR11]. **Freyd-categories** [DDR11]. **Frobenius** [KS12a, KZ14, Kud22, MD24, Rou08]. **frontiers** [The06]. **fuchsian** [CvHKK18].

full [ABK15, SS06]. **Fully** [KÁ21, LW12]. **Function** [Ape98, Cap90, Che85, GLLZ23, GRS02, Hes02, Mul97, MQS99, PSZ91, Von98, dM99, van94, Ald23, Ald25, AGR95, Bau15, BPD19, BR09b, CCQ18, HI08, KY16, KT23, KS21, LS24, Nak09, Rei06, Ste05, Sto17, Sut15, Wen06, Ye18]. **Functional** [FH86, Gib87, HCB96, Sal94, Sch96, von90a, von90b, Ant05, Izu16, JGF09, LW12]. **functionally** [Loj13]. **Functions** [BBB92, BS92, Bro90a, Che85, Czi95, DTGV01, Gar95, GHC92, Jef97, Kno92, Kno93, Koh92, KLZ96, LS94, MS95, Mer01, Pro00, SS98a, SS99, Ste95, Tra96, Von98, van97a, vdH01, AJGVS09, AF08, Bad06, BGH+04, BBCF22, Bîl11, BM10, BS24b, BDM+16, CMV13, CCG06, CS05b, CvHKK18, CDWZ21, Cla21, DHH+04, Eit94, EST25, GS03, GPGO16, Gri20, Gue18, GP20, HR19, HT17, JML+13, JPP19, KLYZ12, KS19, Kön17, Kut07, LP03, LR90, Lou21, MSY21, MS21, MAN+10, NN10, Oak13, Piq91, Raa12, Ryb03, Sek11, Sha90a, SLX+13, STDD16, SK12, Str12, Tab25, VW08, WK20, Ye17, ZX20, vdH05, vdH07b]. **Functors** [BCF19]. **Fundamental** [RS00, DL88, FGLH+23, MPSXD09]. **further** [KR22]. **Future** [Cav86].

Galerkin [AG91]. **Galois** [Arr16, AV00, BKW20, BW22, Ber02, BF01, CS99, DR00, DT06, DTL10, DV00, DW22, Els12, EK19, FS23, GK00, Hv95, Hen98, Kli90, KM00b, Klü00, KS21, Mal00, MZM87, MMY00, SU93a, Sut15, Vel00, Yah23, vdH07a, vdP99, vdP05]. **Galoisgruppe** [MZM87]. **galoisian** [Val11]. **game** [AGS18a, FRR06, KT23]. **games** [GKS12, TZ21]. **Gamma** [GK96b]. **Gamma-Operation** [GK96b]. **gap** [El 05, HT17, BM16a, OdR09]. **gaps** [MRTV25]. **Garcia** [DS09]. **Garside** [Bok08, DG14, GGM10]. **Gathen** [GP12]. **Gauge** [WBM99]. **Gauss** [MV10, Sch01]. **Gauss-Manin** [Sch01]. **Gaussian** [AH23, AH24, Col02, FL04, JPS13, KMM22, LS95, MBC+10, Mul01, Rol86]. **gcd** [BLV16, BLV18, DF05, CCD+09, CGG89, EGB12, Gri90, HM21, Jeb95, Nag11, Nag21b, Nag25, SS92, SL92, SS94, Tsu09, Web96, Wei00, vzGMS10]. **GCDHEU** [CGG89]. **GCDs** [Enc95, KL98a]. **GCRD** [WWWX23]. **Geddes** [GW11]. **genera** [CLM16]. **General** [ASJ97, BBCM13, BL85, GMW23, JL91, KFF88, NS90, Ore01, Pau92b, PP17, Ren92b, SO89, Str01, Wol00b, Ald25, BO04, BLV06, CS22, CMR19, DHKS09, DS00, DJ92, FG06, KS12c, LLL08, MRG17, MO21, NW10, NW11, PR22, VGW18]. **generalisation** [LR15]. **Generalised** [Can90, BR88]. **Generalization** [MR98, MRG13, Sti87, Ang15, CR11, Sch10, Yes21]. **Generalizations** [BZ93, Win14, DS18a]. **Generalize** [Pue89]. **Generalized** [ASS97, BB00, BEM00, CS90, JKP98, Kal93, Key01, Kri85, MTV21, Mul01, PZ96, SML91, Tes99, Vel00, Vil95, vdH07c, Alc12, BGLGM17, Bîl11, BS15, DGW19, DPS17, EK11, FES13, Hal13, HJ15, JY17, LM92, PKP24, Pog25, Rua09]. **generate** [FG16]. **Generated** [AP93, BRM01, CDO01, FH94, Lo98a, MO88, MQS00, BMQS06, CE19, DMY16, FES11, GGMAMF19, Sch17a, dGN02]. **Generating** [ACOR00, CM04, DHS98, HL18, MSKO93, MP11a, Ous91, RCK07, Sak88, Sny93, Tho02, dM99, vHKN13, BBCF22, CELG04, CF91b, FW14, HI08, HL04, HM09, HP91, HJA17, Hub09a, JMV23, KT90b, KT94, Kin13, KMY24, KT23, Vat06, VW08]. **Generation** [BBB92, KL98b, O'B90, Sla07, LW03a, LW03b, Wan86]. **Generator** [Chu99]. **Generators** [FGT09, HRT01, LM94a, RT98, BO04, BJS04, Bok08, Hul13, IK13, JWG10, Lüb23, PS18b, VV18, Wen06]. **Generic** [Ass94, BT98, CH95, CS05c, FH94,

KM00a, Led00b, Led00a, Ma94, MSY00, AGS18a, CJL13, CJ15, DJ05, DMW17, DLLP08a, FJLT07, Kal11, Mal21, Zhe21]. **genericity** [HSS18]. **genetic** [HS06]. **genotypes** [Sad17]. **Genus** [Bau15, GS12, HLSW16, PV00, PV02, Sha01, AP11a, Har13, HLSS15, JH21, KH23, KH24, Qi23, Qi24, Sto20]. **GeoBench** [Sch94]. **Geobucket** [Yan98]. **Geometric** [Baj86, CM97, DH00, HLS01b, HLS01a, HJA97, Meg90, Sch93, Yap90, BM88, DJO+11, DIdW18, LW03a, LW03b, LSS25, Mor91, QSGB19, RZ09, RR12, WZ12]. **geometrical** [NPD09, TM89]. **Geometries** [Deh94]. **Geometry** [AM88b, CL00, Cha00, Ebe01, FG16, GO91, GO00, GVGC99, Gre00b, HHK+23, Hav91, LR98, Ren92a, Ren92b, Ren92c, Ris88, Stu91, Whi91b, AV11, BKR19, BBN18, CK12d, DGPP10, DR23b, FGLH+23, GS07a, GPS09, GSS05, GMS09, HS17a, IS10, Kap86, KRTZ23, KRV19, KS86, Lan10, LW03a, LW03b, MCMMPR14, PGH+25, SM18, SMJ19, Sha13, Sti03, Str19, STVvR24, The06]. **geophysics** [DJ89]. **Gerdt** [MSV22]. **German** [MZM87]. **GFUN** [HR11]. **GI** [YW87]. **GI/S** [YW87]. **giant** [BS18]. **giant-step** [BS18]. **Gilkey** [GK94]. **gimbal** [KLR93]. **GiNaC** [BFK02]. **Given** [Gaá95, KT90a, Mal00, Sak88, AC19, Bay03, BP07, HG20, PS09, Sek11, VL16]. **Global** [GGEZ12, Smi00, Alc08a, Bau15, HJX16, KLYZ12, OP05, Poh05, Wen06]. **globally** [FOS25]. **Goals** [CSS96, FOT00]. **Golay** [BKHG21]. **Goldbach** [BP00]. **gonal** [BCI13, Har13]. **Good** [Alc08a, Alc08b, Kid02, PR12, Sch05, Sto11]. **Gorenstein** [AS24, AC24]. **Gosper** [BP99b, BLM22, CS05b, LPS93, MS95, Mu08, PS95d]. **Gosper-Type** [BP99b]. **Graceful** [Sad25]. **grade** [BDM23]. **Graded** [HNVL90, Rob86, She92, VL93, AC19, BC06, CGGO09, EKP22, HM05, Loj13, MM88]. **Grail** [RW94]. **Gram** [Vil23]. **grammars** [LPT20]. **Granular** [Sav90]. **Granularity** [LO96, LHD96, MRS96]. **Granularity-Based** [LHD96]. **Graph** [Der13, DBG89, HK25b, KS97, DK16, FKM10, GES05, HDPS11, IT10, Mar19a, MP14, Ore11]. **Graphic** [CH95]. **Graphical** [Che92, KM98, YW87]. **Graphs** [CI07, Rie93, RP89, BELT21, BFG07, BF11, DMW17, GIM07, GRV17, HJA17, HR20, HL18, KLZA12, Lin18, MP11a, MBC+10, MBL21, Ore11, PSV13, Poz15, XXZZ23]. **Grassmann** [HT95]. **Grassmannian** [BSS25]. **Grassmannians** [BBRS24, Coo09, Koh21, ST24a, Wan23]. **Greatest** [DTGV02, LM89, Pau95, KLM+21, KT90a]. **Green** [LM90, Mer10]. **grid** [KS18]. **grid-like** [KS18]. **Grids** [GV99, Her94]. **Griffiths** [Mer10]. **Gröbner** [BTBQM00, FGLM93, Gre00a, Lev00, MQS00, Tra00, AB92, ABL93, AHLM99, ACFP12, ÁAF+18, Ape95, AK86, Arn03, AKR11, Aue05, BFS15, BCE+94, BS90b, BBF17, BE22, BCR11, BGK86, BR06a, BL12, BV06, Bok08, BD09, BD13, BP09b, BF01, CJUE06, CRAB91, CdG09, CR11, Cip08, CKM97, Czi95, Dah22, DHM11, DS09, Dön13, DW21, DL06, EP10, Ede13, EF17, EH21, FMM07, FMTT13, FL11, FES11, FEV16, Fer88, FF92, FFP98, FD14, FD18, FJLT07, GS24a, GG99, Ger06, GTZ88, Gol06, GKMO08, Gon17, GMP22, GSW11, GSZ13, GS98, Hal13, HT95, HPS22, HK25a, HP91, HKL99, HV22, Hon98b, Hre94, IL09, JGF09, Kal97a, Kal99, Kal01a, KRK88, KRW90, Kap86, KSW13a, KSW13b, Kho08, KM99, KM01, LL09, LL13, Lea06, LS04]. **Gröbner** [LO08, LO09, LS11, LS12, LMZ23, Lev07b, Li10, LG21, Lia13a, Lia13b, Lia22, LOOR+03, LH98, LLL19, MN02, Mad14, MR98, Mal21, MM09, MR17, MM04b, MRG17, MR13, Mil96, Möl88, Mon02b, MW10, MR88, MS03b, MD24, NOT18, ŌS94, Pau92a, PZ96,

Pau07, PPR20, Raa12, Raj06, Rei06, RR05, Ros93, Rou08, Rut92, Sak21, SIS+11, STA94, Sch07, Sch17a, SSP25, Sei02, SS88, Smi02, Sne98, Ste13, SS03b, Szi17, Tay02, Vac18, Val11, Ver24, WO06, Wal03, Wei92, Wei03, Wei06, Wib07, Win88, ZGG23, ZW08]. **Gröbner-based** [Sch07]. **Gröbner-basis** [BD09]. **Gröbner-free** [BD13]. **Groebner** [Tsa16]. **Gromov** [Mur24b]. **Gromov-Witten** [Mur24b]. **Ground** [Sny93, AHL03, Gal87]. **Group** [AH86, Ber02, Bos97, BP00, But85, CCH01, Cap90, Car01, CDO97, CH96, DHS98, GK00, Gol01, Hen98, HLM95, HPS97, KKL92, Klü00, Le 86, LGPS91, Leo91, LM94a, MR98, Mal00, Mic88, O'B90, OT13, RZAG99, Ros93, She97a, Sim90a, Tes99, WK91, dM99, AC04, AT08, Arr16, BS18, Bok08, BK16, CH03, CHSS05, Cla21, Cla22, CF09b, DW18, DdG21, DW22, Ell04, ES11, EK19, FS98, FMR04, Gal22, HK07, Hub09a, JPW19, JWW23, JV09, Kön17, Kos07, LS24, Mar19a, MZM87, NPP17, OdR03, OdR09, Poz24, SW97b, Ung06, Wil90, Wur93]. **group-based** [FMR04]. **Group-classified** [WK91]. **Groupoids** [JM93, PV05]. **Groups** [BB92, BE99a, BE99b, BDPR13, BT94, BL96, BC91, But93, CC91, CH97b, CCH97, Cla91, CDO01, CS99, Con90b, CF94, CFTY97, DEP22, DV00, Du 99, EW02, Eic02, EHR91, Geb02, Gla88a, Gla88b, GS90, Höf01, Hol85, Hol91, HRT01, Kem96, KM00b, Lin91a, Lo98a, LO99, LRW97, MO88, Mal87, MO95, NNN98, O'B93, O'B94, Ost99, PW90, PY94, PS97a, Püs02, RS00, Roy87, RT98, SU93a, Sla01, Tri86, Wra88, dGN02, vdP99, AOW23, AE05, BHLGO15, BKW20, BW22, BCI13, Bay03, BM01, BJT22, BV06, Bor22, BJSS89, BCCK20, BFG07, Bri06, Bro03, BC89, CH03, CH04, CELG04, CHU19, CE19, CGS97, CJ22, CVZ21, CM04, CS09, Con90a, CF91b, CO96, DA05, DR23a, DJK05, DF08, DF09, DFO13, DFdG15, Els12, Els17, ES20, FF17]. **groups** [FNU16, GGM10, GK21, Göb98, GN04, GMP13, HR20, HLN+21, HY23a, HL18, Hul05, Hul13, JPPSG09, Kan91, KS16, Kem22, Kin13, Koh08, KS21, Kud22, LMP19, Led00a, MO85, Mag17, Mar19a, Min98, Mur23, Mur24a, MRD11, NU18, Poz19, RR12, RDU03, SW02, SH17a, Sla86, Sla07, Smi05, Sut15, WO06, Wur93, Yah23, dG09, dG11, vdH07a]. **Growth** [Sha90a]. **guarded** [GHS03, dNdR03]. **Guessing** [BE22, vdH13, KT23]. **guest** [JMPR04, Ano99c, Ano00b, AJ01, BB93a, Bos01, CH97a, CJS01, CL00, DGPP10, HSW97, Hon96, HL97, KM98, KW13, KR97, MMY00, MNJ94, PZ92, PS95a, SB99, Smo98, WS98]. **Guide** [McN92, Rei06]. **guided** [Rob09]. **Guillotine** [GZ89]. **GVW** [LWXZ25]. **gyroscope** [KLR93]. **gyroscopes** [JSC13].

Habicht [HY96, LR01]. **Hadamard** [AAFR09, ÁAF+18, KK09, MG94b]. **Hahn** [AGRZ99, FHR99]. **Half** [KT02, AC24]. **half-canonical** [AC24]. **Half-Twists** [KT02]. **Ham** [EW86]. **Ham-Sandwich** [EW86]. **Hamiltonian** [AMW12, CK99, TM85, VV97]. **Handling** [GLLZ23]. **Hankel** [BS17b, CK12c, Gem94, SL92]. **Hans** [Ano87]. **Hard** [Bac99, AvW94, Izu16]. **hard-to-solve** [Izu16]. **Harmonic** [BCRS89, DMN17, CM09, DJ89]. **Harnessing** [KC09]. **hash** [GPGO16]. **Hasse** [DNS21]. **Havas** [Van00]. **having** [CO96, YYZ12]. **heap** [MP11b]. **heat** [Maw88]. **Hecke** [CD87, Deu93, NPP17, Wan94b]. **Height** [Boy93a, Boy93b, vzGMS10]. **heights** [CGK+21]. **Helical** [FGS09a, FGS09b]. **Hellman** [Tes99]. **Helly** [DPS16]. **help** [LM94b]. **Helton** [AGS18b]. **Henneberg** [HJA17]. **Henneberg-based** [HJA17]. **Hensel** [AAKM21, BDLP22, Leb15, MM88, MT20]. **Herbrand** [Pic00]. **Hermite** [AS23, Apé10, Cox21a, Far19, JY17, LE22,

RS21b, RS20, Van00]. **Hermitian** [Key01, KD90, LO09, MPS16, Sch98b]. **heterogeneous** [Gon17]. **Heun** [Ald25]. **Heuristic** [CGG89, Fuc00b, Mon92]. **Heuristics** [QZYC22]. **HFE** [GMP22]. **Hidden** [GKM05, LSSW12]. **hierarchical** [EFRS06]. **Hierarchies** [SAK89]. **Hierarchy** [GPWZ02]. **High** [BB11, Sto03, BBV22, BLV18, Sal08]. **High-order** [Sto03]. **High-precision** [BB11]. **Higher** [AB01, CH85, CH86, GS89, Lug95, QW96, SG89, VRUW99, Adl16, AC04, BCE11, BELP13, BFK18, OS24, RS16, SSS05, WK91]. **Higher-Order** [Lug95, QW96, AB01, GS89, AC04, BCE11, BELP13, SSS05, WK91]. **Highest** [dG01, KLR93]. **Highest-Weight** [dG01]. **highly** [BNN17]. **Hilbert** [Fer06a, Ape98, BS92, BLR13, BM04, CI07, DLMM11, Fer88, Fer06b, FH94, JL91, KS21, La 17, LPT20, Lev99, ME21, MOP15, MdCW17, PKP24, Pop15, ST20, Tra96, WO06]. **Hirota** [FM24]. **History** [Buc87, Mos12]. **HNF** [BFH17]. **Hochschild** [ES11]. **Hodge** [AML19]. **hodograph** [Far19]. **hodographs** [FGS09a, FGS09b, FG16]. **Hoeij** [Bel04]. **Hofstadter** [Fox18]. **Hofstadter-like** [Fox18]. **holomorphic** [CS06]. **Holonomic** [TW01, Zei95, vdH01, BY23, CQ12, Gri22, JPNP23, Mon05, NOT18, Oak13, SK12, WK20, vdH07b]. **Holt** [But88, BC93]. **Hom4PS** [CLL17]. **Hom4PS-3** [CLL17]. **Homogeneous** [ASS20, BJT22, Kem99, Kov86, vW95, Ald25, AHS21, ACS13, DS16, ES18, FEV16, GLLdR19, GLLdR21, HHPS21, HT17, Jou09, Lou21, MR17, Mil93, Nor15, Qi06, SvE21, Ver24]. **Homogenized** [OT01, GOT05]. **Homological** [MV13, AAFR09, CO94, CO96, Lam91]. **Homology** [BKRW17, AKL17, EL12, GDRV21, Hal13, HSV08, JZ04, MBR25, PP25, RR12]. **Homomorphic** [BC91]. **Homomorphism** [GHS01]. **Homomorphisms** [But85, LGPS91, TW01, MRD11, SS88]. **homotopical** [BW03]. **Homotopies** [Ver00, HL16, LY18]. **Homotopy** [BCvdHS11, GMP13, aZGS05, DEPS11, HESV21, RRS19]. **Hong** [KMR18, Col16, MR10]. **honour** [GW11, GP12]. **Hope** [BCE+94]. **Hopf** [BK99b, EW00, FGS09a, GES05]. **Horn** [Gal87, KR91]. **HR** [Col05]. **hulls** [JZ04]. **human** [Sad17]. **Hurwitz** [Cou00, Stu17]. **Hybrid** [DE02, AG91, MPH17, MH06, PNM13]. **hydrodynamic** [CJ90]. **HYP** [Kra95]. **hyperbolic** [BGH+04, HLN+21, PV13]. **Hyperbolicity** [Fit89, Sto20, Mer10]. **hypercircles** [Tab13]. **hyperedge** [PS21]. **hyperelliptic** [Ber98b, Eid23, Har12a, HJ15, LLL08, LS24]. **Hypergeometric** [Ae02, BP99b, BK99a, Chu99, Koe95, Pet92, Tab24, Zei95, AP04, ABvHP11, ABPS21, CCF+15, CK19, GHS08, IvH17, KY15, Kra95, Liu19, Mat01b, OS24, PS25, Rie03, WK20, Zha03]. **Hypergeometric-type** [Tab24]. **hypergraphs** [Eit94]. **hypermetric** [DS18a]. **hyperplanes** [Tab13]. **Hyperresolution** [GHS03]. **hypersurface** [Qi06]. **Hypersurfaces** [ASS97, BS00, ABR17a, BD16, BC05, Koh21, Lee17, Szp22, TCT23]. **Hypothesis** [von87]. **HYPQ** [Kra95].

I/O [MMW11]. **IB** [Sid93]. **Ideal** [AHLM99, BGG13, BRM01, BW87, CFM96, HKL99, Laz85, Laz92a, Mat01a, Mor99, Pan89, Pri96, del95, Ahn08, BO04, BH23, BDM23, BGMSG07, BCLR13, BJS04, Buc06a, EH21, FGT09, FK11, GTLN17, GSW11, HS21a, HQS19, HV24, Hre06, KRK88, KN11, KW24, Kun18, LLYZ24, LV14, MM06, MR88, Per04, PS21, TV18, Val11, Vil25]. **Ideal-specific** [BGG13]. **Ideal-Theoretic** [Laz92a]. **Ideals** [ABKR00, ACOR00, AV00, Bah01,

BMNB+11, BLR99, CM97, Fer06a, Fer06b, FGT02, FH94, HS00, Kem02, KM99, KM01, LS00a, LS00b, MS00b, MSY00, Mon02a, Mus00, NY99, Pan89, Pau92a, SST18, SY96, AFT08, ACMB19, AC19, ATY08, AT08, AHS21, BO10, BM88, BT09, BE22, BMQS06, BL12, BL17, BR15, Cer18, Cer21, CR11, CS05c, DS16, DDL+23, DL06, FES11, FGT05, GVHHUE05, GHY17, Gas21, GES05, Gol06, Gol08, HSS18, HHPS21, HOP06, HKPP09, HM09, HP91, HdC13, HdC16, HH04, JFMRS12, Joh15, Jou09, Kem16, KMH89, KW88, LL09, La 17, Lev21, MWZ16, MR17, MR13, MRV21, NT17, NOT18, NT21, NNPZN19, NY04, Pis04, Rou09, Sak21, ST20, Ste13, TN09, UCJ04, WO06, dAM17, GTZ88]. **Idempotent** [Dav94, GTLN21, HKSS17]. **Idempotents** [Kon95, BP24, OdR03]. **Identifiability** [HS21b, Ang18, Ang24, BS22b, CR98, MMS18]. **Identifiable** [MS14, FOS25]. **Identifying** [BDE+21, KT02]. **Identities** [BH02, Deu93, Ges95, PS95b, ABF09, CS98, GHS08, Kau07, Rad15, Rie03, Sil04, Smo21, Zha03]. **Identity** [AP93, HJM93, Mul01, HJM94, PP11, Shp14]. **Igusa** [Sto17]. **Igusa-zeta** [Sto17]. **II** [Boy93b, BCGY12, CdG09, CD87, Com98b, DLLP08b, FGS09b, Gri23, HM02a, HLSS15, HLS01a, Kno93, LW03b, LLW03, MS16, MP14, Min02, OP05, Ren92b, Sch17b, Wal02b]. **III** [BMS20, BC89, DLLP08c, Ren92c]. **image** [FMR04]. **Images** [BC91]. **Imaginary** [Gaá93a, GP96a, HPT02, JTdW18, Rol90, Bus09, Heu06, KT04, Kli90, LS24]. **imbeddings** [JV09]. **immersions** [MPT20]. **Imperative** [HCB96, MMW11]. **imperfections** [JSC13]. **implement** [Rau11]. **Implementation** [AK92, ABP96, AM99, GK96b, GKW98, JV09, MNJ94, MF96, NY04, Sho95, Web96, ABM+23, HT91, HH13, HDPS11, JB04, Ree98, RRS19, Smo21]. **Implementations** [ZSY93]. **implemented** [BPT12, OdR09]. **Implementing** [Nie03, Sid93, Sim90b]. **implicants** [KT90b, KT94]. **implicants/implicates** [KT90b, KT94]. **implicates** [KT90b, KT94]. **implications** [GGdC23]. **Implicit** [ARS02, MC92, SS98a, BG05, DJO+11, DMR12, DZ09, WRI09]. **Implicitization** [ABR17a, AS01, BD16, CGZ00, Doh09, FHL96, GC92, Gao03, GV97, Hon97a, Ore01, WC12, CCL05, Chi08, CTY10, HS98, PDS08, RS10, RS11b, Rue11, SS05]. **Implicitizing** [BC05, LC16, SGD97, Wan04]. **implicitly** [VL16]. **implies** [CO94]. **Improved** [Bro01a, CE96, Els17, GZ89, Jar13, Lec07, McC88, PS20, CJP+24, DJ92, Hre06, KS16, Tsu09]. **Improvement** [LPS93, Tho02, BPH07]. **Improvements** [BMS17]. **Improving** [Gen07, HHT18, MM06]. **In-depth** [BF20]. **in-place** [Cox22]. **Ince** [Che23]. **incidence** [STW18, LW03a]. **incidences** [SPZ10]. **including** [AJGVS09, Sut12]. **inclusions** [BBV22]. **Incomplete** [FD93]. **Incorporating** [ARS02, GHMA13]. **Increase** [CP00]. **Increasing** [Pel97]. **Incremental** [EC95, HAGW12, KT90b, KT94, KÁ21, MU04]. **Indefinite** [Man93b, Wan94a, Piq91, PS95c]. **independence** [ÇJM+21, CS21, PSA23, PSA24]. **independent** [KW88]. **Index** [Ano99b, Ano00a, Ano01a, Ano01b, Ano01f, Ano02b, Ano02c, Ano04o, Ano04p, Ano05f, Ano06, GPP93, Gaá95, GP96a, Gaá00, Gau09, LR01, CHSS05, DJO+11, LN13, PR22]. **Indexed** [Wan94a, LN21]. **indices** [Abr17b, DMN17, Ung19, Wan18]. **Indispensable** [ATY08, CTV16]. **individual** [SS16]. **Induced** [BH00, AFdCS15, BW03]. **Induction** [ARS02, Bou97, KNZ91, Str01]. **Inductionless** [KNZ91]. **Inductive** [DR93, Fri89, GS22, Pad96, KS12c]. **Inequalities**

[GV88, Str00, Vor92, Bro12, CL20, HJX16, HHPS21, IdW15, Oak13, Pet87]. **Inequality** [MG94b]. **infeasibility** [DLMM11]. **Inference** [BA85, CH95, Pau92b, KW10, MM10]. **Inferencing** [Bib85]. **Infinite** [BBB92, Bir98, CP00, Geb02, IZ96, OKK98, PV02, AP25a, CX09, DF08, DFO13, DW18, Koh08, PKP24]. **infinitesimal** [LR98]. **infinity** [AGS16, BW05, Bod04]. **influence** [GP12]. **Information** [Mee94, BD87]. **INGRID** [DBG89]. **Inheritance** [DT95, SAK89]. **Inhomogeneous** [BF91, BCR11, Ede13]. **Initial** [BM88, HRdWY22, CS05c, HH04, Lem03]. **initials** [FGLH+23]. **injection** [MPT20]. **injective** [HM05]. **Injectivity** [LS94]. **Injectors** [Höf01]. **inner** [DdG24]. **inseparability** [LW10, Ste05]. **insertion** [Vat12]. **Insights** [PdRAEC24]. **inspired** [KKS25]. **Instability** [EC87]. **Installation** [GM88]. **Instantiation** [dB89, PUK+25]. **instanton** [GS05]. **Insurance** [AST96]. **Integer** [CGG89, DSV01, GS02, HM97, KJ96, Lüb02, Pel97, Web96, BLS23, BP11, BSW21b, Bus09, GHLZ21, Har12b, HvdH18, MRH23, Rup04, Wan06]. **Integers** [Col02, Gem94, Jeb95, Rol86, BV03, BFH17, DF05, FL04, Jam11, JMV18, KY15, Nag11]. **Integrability** [Adl16, AMW12, AMDW16, GLLdR21]. **Integrable** [FM02, GZ90, Zha93, BJM17, GSZ85, LW12]. **Integral** [AF00, AML19, AZ90, Hal01, Mil87, Vas00, YNT94, van94, Ahn08, AGT13, BKSS12, BDLP22, CK90, CDKW25, FD18, IvH17, LLYZ24, Mar19a, Mau87, Raa12, Sta18, de 98]. **Integrality** [DFdG15, Sto03]. **Integrals** [AB89, Car99, Köl85, Sch85, Bar07, GK21, KS19, KKM15, MCJ21, Oak13, Piq91]. **Integrating** [Ano01d, AJ01, CTR99]. **Integration** [Bad06, Bro90a, CS05a, Car99, Che85, Czi95, DTGV01, Jef97, KS19, Kno92, Kno93, KF01, LR90, LS02, Mul97, Tef02, Wan94a, Wol00a, BB11, BLL+16, Bro07, GGAVRC13, MSY21, Qi23, Qi24, Wol03]. **integro** [BC24a, RS19]. **integro-differential** [BC24a, RS19]. **Interaction** [BC01, Sch94]. **Interactive** [AGMT98, CC01, FT97, HL98, ST89b]. **Interface** [Sch96, HPRS11, YW87]. **Interfaces** [BT98, KM98, KS98, Sch94, LLTPT+11]. **intermediate** [KN11]. **internal** [SP10]. **interpolants** [Far19]. **Interpolating** [Zip90]. **Interpolation** [GV96, MR02, MF96, Rob97, AGR16, BH21, BH23, Cox21a, DKS15, GLsL09, HG20, Hua23, JNSV17, KsL03, Nag25, RS20, RSS10, Sau18]. **Interpretation** [AB01, BB93b, GSA+12, Zan94]. **interpretations** [ZWM15]. **Interpreter** [Hag89b]. **intersect** [BFMS87]. **Intersecting** [Gla88b]. **intersection** [AH13, ADGT25, BEP13, BGMSG07, BE17, BM04, DEPS11, DLLP08a, DLLP08b, DLLP08c, FGVN06, JWC+16, Rod15, Sop13]. **Intersections** [GS90, Lo98a, MT01, ABC22, BGM15, DLLP08c, FS16, Lub25, Sta16]. **Interval** [CJK02, Mer01, PC98, PR22, Sek09]. **IntHaar** [GK21]. **intractable** [HYH04]. **intransitive** [Els12]. **Introduce** [Bos97]. **introducing** [Rei06]. **Introduction** [BFK02, CFG+86, GIK10, MNJ94, Poh87b, Ren92a, GK12a]. **Intuitionistic** [CH85, CH86, Pau86]. **invariance** [AT08, DRN24]. **Invariant** [Cra91, DHS98, DBG89, GG99, Göb95, Hub19, Hul99, JML+13, Kem96, Mor91, PUK+25, SW91b, Whi91b, Wor94, BM88, BDE+16, Cla21, DSW09, DGKR25, DL06, FLE+23, FF17, Fre13, GS22, HJS22, HdC13, HdC16, Kem16, Kin13, KZ10, LN21, Mer10, MAN+10, MV15, PY05, QHL+13, van93, vzGGZ21]. **invariant-based** [KZ10]. **Invariants** [BCE+01, CP93, Cre01, Els12, LR23, LR24,

MS00a, SW02, Ald23, AR06, APS12, Bay03, Bed07, BGLGM17, BR22, BP10a, BP10b, CG23, DZY22, DL88, DNS21, Els15, Els17, FGT15, Göb98, GDRV21, HLO23, HK07, Hub09a, KW10, Kem09, MS03a, Mur24b, RCK07]. **Inverse** [DR00, Dic92, JKP98, SS99, Tay02, FFP98, HOP06, Lee08, Pom11, WyW93]. **Inverses** [Sal94]. **Inversion** [AGRZ99, Kri85, von90c, KMY24, LSSW12]. **Investigating** [AG91, BENW06]. **investigation** [Bur03]. **involution** [BR13a]. **Involutive** [Ape95, Ape98, GHMA13, HSS02, AH05, CMR15, EW07, HOS23, RZ09, WZ12]. **Involving** [BFHT85, Köl85, Zip85, Bîl11, CJP22]. **IPIA** [KT94]. **Irrationality** [Bee01]. **Irreducibility** [Kal85, Kal87, KS21, Mon92, Kal90]. **Irreducible** [FGT05, GR02, Let01, Pre06, Sho94, Ulm94, GR12, GPMS20, GU21, LMP19, MP89, PS89, Rou09, WK20]. **Irregular** [BCE+01]. **Isochronicity** [HR12]. **Isoclinism** [OUI16]. **isogeny** [FG08]. **Isogroups** [CDF92]. **Isolated** [GLW99, Mou98, FGT15, LZ12, MMS23, NT21, Qur17]. **Isolating** [CLX+24, XY02, MS11b, Moe05]. **isolation** [BS17a, BSSY18, BK12b, Bur16, CGY09, CGG12, CJ15, CWZ23, Col16, Col17, EMT21, HLXL18, MSW15, Str12, ST19]. **isomers** [LMM05]. **Isometries** [PS97b]. **isometry** [ACS13]. **Isomorph** [LT89]. **Isomorphic** [BP00, LSY07, MS09]. **Isomorphism** [BL85, Der13, O'B93, O'B94, CH03, GTLN16, MP14]. **Isomorphisms** [Miy01, Wur93]. **isoptic** [DP19]. **Isotopic** [AMT09, BCGY12, DMR12]. **isotopies** [BS21]. **isotropic** [ST24a]. **isotropy** [ASS20]. **ISSAC** [CL23, JKP12, EY21, ES13, NSW16, Yok17]. **Issue** [Ano99c, Ano00b, Ano01c, Ano01d, Ano01e, AJ01, BB93a, Bos01, BK90, Buc92, CH97a, CL00, EY21, FLB00, HSW97, Hon96, HL97, JKP12, KM98, KR97, MMY00, MNJ94, PZ92, PS95a, Smo98, WS98, BDT22, BKR19, BBKK15, CFMMP10, CL23, DM09, DKM23, DDM15, ES13, GSSST10, HHK+23, JMPR04, Ker17, KASW05, MMO18, NSW16, SS18, Tra07b, Yok17]. **issues** [Kad13]. **Iterated** [For02, LM09, McC99, dC10]. **iteration** [BSSY18]. **Iterations** [Cap90, Hen90]. **Iterative** [Kri85, Izu16, MMS23, YYZ12]. **Itself** [Dav88]. **Iwahori** [NPP17]. **IZIC** [FKM95].

J [AP04, AK06, AP17, BR25, CS09, DHM11, FS13, Fer06a, HZ15, HJM94, Hil05b, HdC16, HP08, KT94, KL90, MHXD09, Nor95b, RS11b, Sag89]. **J.** [Kal90, KMR18]. **Jacobi** [BKSV20, ES98, Hon04, Sha90b, Ye17, Ye18]. **Jacobian** [DS16, FS16, FFP98, GR22, HI94]. **Jacobians** [HLSW16, Sha01]. **Jacobson** [LS11]. **Janko** [CH96]. **January** [Ano24g, Ano25d]. **Jeffrey** [Szi17]. **jet** [CS22]. **Joachim** [GP12]. **joinable** [AHL03]. **jointly** [SM18]. **joints** [KP91]. **Jordan** [Orl22]. **Journal** [Ano01b, Ano02c]. **JSC** [BDT22, Buc92, DKM23, MMO18, PZ92]. **July** [Ano23i, Ano24h]. **Jumps** [Mat01b]. **June** [Ano23h, Ano23k, Ano24j, Ano25f]. **Jung** [Bec09].

Kähler [HT91]. **Kalman** [SSV23]. **Kaltofen** [Vil11]. **Kan** [BH00, BLW03, CLW95]. **KANT** [DFK+97b, DFK+97a]. **Karatsuba** [CM96, Har12b]. **Katz** [DR00]. **Katzman** [Yes21]. **Kazhdan** [SS16]. **KdV** [GZ90, LL16, Zha93]. **KdV-like** [GZ90, Zha93]. **Kedlaya** [Har12a]. **Keith** [GW11]. **Kernel** [Mau00, MP89, Wen06]. **Kernels** [HNS95]. **Key** [BCE+94, BB10, ADGT25]. **Khovanskii** [BPT25, Ric91]. **kind** [CJP22]. **Kinetics**

[SME87]. **Kirwan** [Szi17]. **KLEIN** [BG01]. **Knapsack** [FNU16]. **knot** [IGT15, KPRT18]. **knots** [KPR10, Sto20]. **knotted** [EK21]. **Knowledge** [ABP96, DS96, KF01, LMP89]. **Knowledge-Based** [DS96]. **Knuth** [EHR91, KMN88, Sim91]. **Kobayashi** [Mer10]. **Kodaira** [MP89]. **Kolberg** [Rad15]. **Kolchin** [Lev21, Rei99]. **Kolchin-type** [Lev21]. **Kovacic** [UW96, Zha95]. **KP** [AFMS23]. **Krandick** [Col15]. **Kronecker** [BVW18, DFS11, Har09, VK21]. **Krull** [FD18]. **Kruskal** [Pue89, Wei94]. **Krylov** [HNRS21]. **Kummer** [Dab01, Sut12]. **Kutta** [PC98, FPT04, Sof94].

labeled [Vat06]. **Labelled** [GL92]. **labellings** [XXZZ23]. **Lacunary** [Mig00, Ave09, CGK+21, GR11, Gre16]. **Lagrange** [BMS17, Col15, Ren04]. **Lagrangian** [Wan23]. **Laguerre** [FHR99]. **Lamé** [Chu99]. **Landau** [MG94b]. **landscapes** [BD17]. **Language** [BFK02, Hag89b, BGL14, BCP97]. **Languages** [Boy93c, DT95, FH86, AHH+05, CKKM10]. **Large** [CH97b, CJMP97, DHK+95, Kal87, KC01, BBK14, CHU19, FG08, STDD16]. **Large-Expression** [CJMP97]. **Large-scale** [KC01]. **larger** [BMNB+11]. **Largest** [Boy93a, Mig92, AT08]. **Lark** [Sta89]. **last** [CG23, HKYY18]. **latin** [DW18, FMM07]. **Lattice** [FJN93, HS00, Adl16, BBC+11, BL17, DHTY04, FW14, HM09, HdC13, HdC16, LFD19, LV14, MS03c, PP25, Pis04, Sch03a, Sch04, CCT11]. **lattice-theoretical** [BBC+11]. **Lattices** [BCS97, PS97b, HM09, JY17, LMR94, SS03a]. **Laurent** [HdC16, Apé10, HdC13]. **Lawrence** [PCVT08]. **Laws** [Fit89, WBM99, BC22, PH11, Wol03]. **Layer** [ACGR01]. **layers** [Kin14]. **Lazard** [MH16, MPP19, Mul97]. **Lazard/Rioboo/Trager** [Mul97]. **Lazy** [BO99, MO98, vdH02]. **LCR** [BS22b]. **leading** [HJS22]. **lean** [OB03]. **leanCoP** [OB03]. **Learning** [HHK+23, BHM+23, HMS25, HLO22, HLO23, HK25b, KMM22, PUK+25, STW18]. **Lee** [MRG13]. **Lefschetz** [AS24]. **Left** [BH00, CLW95, SS94, VL90, BLW03, LGS90]. **Left-Shift** [SS94]. **Legendre** [Boy93c, PPR13]. **Lehmer** [Jeb95]. **Leibniz** [CGGO09, CIL07, IL09]. **Lemma** [CR88, MS15]. **Lemmas** [Fuc00a]. **length** [BKHG21, KY15]. **lengths** [Bor22, Far19, Lia13a]. **Leopoldt** [Kli90]. **less** [RDU03]. **Lesson** [Rob97]. **Letter** [BCE+94]. **Letterplace** [LL09, LL13, LMZ23]. **level** [HR19, Ros05]. **Levelwise** [NÁS+24]. **lex** [FRR06]. **Lexicographic** [BR06a, Dah22, Sak21]. **Liaison** [GNS17]. **Libraries** [FS95, MNJ94, GK18]. **Library** [RW94, LMRS11, MRH23]. **Lickteig** [Lec19]. **Lie** [AL88, BC06, BdlCRLS19, BJT22, CV00, CdG09, DFdG13, Dra03, DW22, EKP22, Eic10, EG21, FS98, FK89, GK96a, HNVL90, HRT01, Hub09a, KP13, Kol08, LR98, LH17, Roo13, dG09, dGPS09, vdP99]. **Liénard** [SH17b]. **Life** [AST96, HKP+06]. **lifted** [HS17b]. **Lifting** [LM20, RS16, Sht88, BDLP22, EK11, GNP12, Leb15, MM88, MT20, Sto03]. **liftings** [BCF19]. **Light** [WKB86]. **Light-Driven** [WKB86]. **like** [BL98a, CH17, DTGV02, Fox18, GZ90, KS18, LS01, Van02, Zha93]. **likelihood** [ABB+19, BR06b, CS21, Drt06, HR17, RT17]. **Limit** [LP90, AAKM21, BPD19, HY23b, SH17b]. **Limited** [RV03, Fas10]. **Limits** [CMV13, AFMS23, ZX20]. **line** [AGR16, Ave09, BDS+18, BE17, FKM10, HG20, JS07, JS18, LSY07, Lun16]. **Linear** [AR13, AC01, BP99a, Bar99, BO99, BBF17, Bro92, Bro00, BEM97, CK99, CF89, Cla21,

CSTU02, DHK+95, Die92, DV00, ER95, FT95, Fre04, Gri90, Hen98, KST93, Kov86, LPY01, MM00, Mtn03, Nor99, Pet92, PV05, RS10, RS11b, Sak88, SR07, Sin91, SU93a, SU93b, Sit92, Sof96, Stu00, SD05, Tsa00, Ulm94, UYSA89, Van02, VRUW99, Wei88, Wei90, YNT92, ABvHP11, Abr17b, ABPS21, AP25a, AMW12, Arr16, BP09a, BCE11, BE13, BELP13, BM19, BSW21a, BJ21, BC24a, Bay03, Ber98a, Ber98b, BF22, BC22, BD16, BLPR15, BD04, BSW21b, BVE21, BR12, BP09b, Cha14, CM10, CGG12, CvH04, CQ12, DS86, DFdG15, DJ07, Dum09, EPY98, EFRS06, FSW10a, FSW10b, Fox18, GKS12, GSZ85, GHL16, GHLZ21, GMW23, GSSV12]. **linear** [HJS18, HM23, HNE16, HKL24, IvH17, JPP23, Joh15, KS06, KT25, LM92, Lem03, LZS11, LST03, LW12, Lin18, LLW24, LNP+21, Mas16, MPT20, MS14, MS04, Mul04, Nak16, Ngu09, PZ12, Rin13, Ros05, RR08, Rue11, Wan06, Wol03, WK20, XZ10, vdH07c, vdP05]. **linear-algebraic** [BC22]. **linear-fractional** [GKS12]. **linear-recurrent** [Fox18]. **linearizability** [LGM21]. **linearization** [FKT13]. **linearized** [Lee08, PWZ18]. **Linearizing** [HH94]. **lines** [BDS+18, BLT22]. **Lingua** [LHK+13]. **linkage** [HS06, PS18a]. **linkages** [GNS17, HLSS15, KRV19]. **Links** [KLZA12, MR87, CN19, KP15]. **Liouville** [AMDW16, SML91]. **Liouvillian** [APZ20, Che23, DS86, FSW10a, FSW10b, Kno92, Kno93, Sin91, SU93b, Ulm03, VRUW99]. **liquid** [ERSG05]. **Lisp** [MBPLRR10]. **List** [BL96, DS09, LO08, LO09, MRG17, BB10, DJ15, MRG13]. **Liveness** [CSS96]. **LLL** [Poh87a, Ura24]. **LLL-Reduction** [Poh87a]. **Local** [AK00, AS07, Alc12, AL10, BO10, CHL25, DJ96, EMS00, Grä95, Hal01, Her94, Lun16, MC02, Mus00, Ous91, Pau01, Sed02, SJS06, Vor99, ACMB19, Alc08b, ÀL06, BR13c, CJL13, EK21, GNP12, HH07, HM05, JR06, NT17, Nak09, NN10, PP17, PT14, ST20, Sor22, Str16, TN09, WY11, dCR17]. **Localization** [CM97, Lou08, OTW00, SY96, BDLP22]. **localizations** [HL21a, HL21b]. **locally** [BS24a]. **Locate** [NMM90]. **Locating** [AI90, BR06b]. **Location** [CS90]. **Loci** [GKR23, NMM90, BBV22]. **locus** [BHM+23, BNT18, ELME23, HR17, TBS17]. **LODE** [AB09]. **Loewy** [Kin14]. **Log** [hHL21, EFRS06, HZ19, Joh15, XZ25, DJ96, Sha90a]. **Log-concavity** [hHL21, XZ25]. **log-linear** [EFRS06, Joh15]. **Logarithm** [VM14, Gau09]. **Logarithmic** [AH23, AH24, von90c, CJUE06, JPPSG09, KS19, LR90, NT21, Raa12]. **Logarithms** [Köl85]. **Logic** [AM89, AV96, Ano96, Bac94b, BB93b, BS87, CSS96, CRAB91, ET96, FT97, FD93, Frü96, FH86, LC96, LO96, LHD96, Lyn97, MGL00, McN92, Pas86, Sch91, YI94, dB89, ARS10, ABFS15, Ant05, BD04, DJS18, Le 89, LW10, Moz89, SA89, ST89a]. **Logical** [DL93, MMO94]. **Logicographic** [Nak06]. **Logics** [BN01, BF95, OS92]. **Logspace** [DK16]. **Long** [Jeb95, BP23, HZ04, HZ15]. **Looking** [Li10]. **Loop** [CP93, QHL+13, GGL06, MAN+10]. **loops** [KW10, NV07, RCK07, XL13]. **losses** [Lia13b]. **Low** [KST93, EKP22, FGS09b, Shp14]. **low-degree** [FGS09b]. **low-dimensional** [Shp14]. **Lower** [Bus09, WS23, Yap91, vzG13, GHL21a]. **lubrication** [CJ90]. **Lucky** [Grä93, Pau92a]. **Lusztig** [SS16]. **Lyapunov** [SLX+13]. **Lyndon** [ES11]. **Lyons** [Gol01]. **Lyubeznik** [Sei02].

Macaulay [EK11, FD14, HPS22, MS11a, Pom11, ST20, Sti03]. **Macaulay-type** [EK11]. **Macaulay2** [Ang18]. **Macaulayness** [DH16]. **Macdonald** [GG92]. **Macdonald-Morris** [GG92]. **Machine** [BHM+23, HMS25, HHK+23, HLO22, HLO23]. **Machine-learning**

[HLO22]. **Machines** [BA85, STA94]. **MacMahon** [AP25b]. **MacPherson** [Hel16]. **MACSYMA** [Mag89, PW85, TM85, Mil93, Mos12, Ous91, SR86]. **MacWilliam** [GS23, GS24b]. **Made** [CF91a]. **magic** [XXZZ23]. **Magma** [Bos01, BCP97, CP97, Dor21, Key01]. **Magnus** [KLR93]. **Mahler** [GG25]. **Main** [Zha93]. **Majewski** [Van00]. **Makes** [Hre94]. **making** [Col05]. **Management** [AF96, CJMP97, LMP89, BD87, Sid93]. **manifold** [GV16]. **Manifolds** [GK94, ACS13, ASS20, EK21, PPR20, aZGS05]. **Manin** [Sch01]. **manipulating** [Kau06]. **Manipulation** [BB92, Boy93c, CD87, Hen90, Mil87, SJA01, SME87, Tri86, Wan91, Kra95]. **Manipulator** [DBG89]. **Many** [BF95, Sne98, ARS10, DV21, GKR23, KH23, KH24]. **many-sorted** [ARS10]. **Many-valued** [BF95]. **Map** [FOT00, FGS09a, KZ14, MP89]. **MAPinsure** [AST96]. **MAPK** [Lic21]. **MAPLE** [JKP98, PS95c, GHL+00, AST96, Die92, GKLM91, Tef02, Vei97, ACGL04, AV11, AB05, BR09a, CFG+86, Col05, CJ90, DM05, Fit89, GHC92, LMRS11, Pro00, SMB03, Sil04, Ste95, WyW93]. **Mapping** [Bah01, BBB92, Sod96, MS03a, dC10]. **mappings** [Win14]. **Maps** [AK00, YNT92, AB22, BBC+17, Bur04, GDR05, Har13, aZGS05]. **Marc** [Sza08]. **March** [HdC16, RS11b, Ano23l, Ano24i, Ano25e]. **March-April** [Ano23l]. **marked** [BCLR13, Qi23, Qi24]. **Markoff** [GJT13]. **Markov** [ATY08, AT08, DO06, DE06, HM09, Nor15, Rap06, RS16]. **mass** [GES05, JSC13]. **Massey** [BF20, CK12c]. **Massey-Sakata** [BF20]. **Massively** [BBRS24]. **Matching** [BKN87, Bür89, HK95, IZ96, Lav91, Nip91, PS93, RR90a, WKA94, CM21, DT23, DKM21, HYH04, Kut08, YY03]. **mate** [BvdE03]. **materials** [PNM13]. **Mathematica** [AU21, BG01, Fat92, HBN95, Kra95, Nie03, Sit97, ZD02, NP95, PS95b]. **Mathematical** [BTG02, CC01, DR86, FGT95, FGPGP14, FKM95, GKW98, KF01, Mon97, vdH15]. **Mathematics** [AGM97, BC01, Ber93, CH85, CH86, HL98, GGAVRC13, GKM05, Par08, SR07]. **Mathscape** [Bar07]. **Matlab** [Roq13]. **Matrices** [CZG02, DE02, DTGV02, EM99, EP02, GSST98, GS02, HLM95, Kon95, Kri85, LS95, Lüb02, SL92, Ste97, Vil95, dG01, AS23, AAFR09, ÁAF+18, BR09a, BP25, BCL06, BLV06, BBCM13, Car15, Cha25, CK04b, CK12c, Dey21, EM98, HNE16, HKS21, Hre06, JFMRS12, KK09, Koz23, Kud22, LLM+13, LE22, LS12, LLW24, LWXZ23, LWX23, MM04a, MS03c, PS18b, WWWX23]. **Matrix** [BMT21, CFTY97, CW90, DSV01, FIMT24, FZ87, HM97, HRT01, Lin91a, LO99, Ma94, MF90, Mou98, MO95, Ost99, PW90, RT98, Vac17, Vac18, Zha93, AE05, BHLGO15, BLS23, BC89, CHU19, CH17, CL07, DF08, DF09, DFO13, DaZZ04, DPS17, DPS23, Ebe19, EP04, GHL21a, GK21, HvdH18, HYG24, JPS13, KD90, Lab90, LS11, LNP+21, Mil93, Ros23, Ver24, Vil11, WY11]. **Matrix-F5** [Vac17]. **matrix-weighted** [Ver24]. **matroids** [HS21b]. **Matthews** [Van00]. **Maximal** [For87a, HLM95, MV15, BELT21, BC24b, CH04, FFP98, HRdWY22, HLSS15, Roo13, ST24a, Sut12, Sut13, Sut16]. **Maximally** [Bih15]. **maximize** [Loj13]. **Maximum** [UC98, ABB+19, BLT22, BR06b, Cla22, Col17, CS21, HR17]. **May** [SK91, Ano23h, Ano23k, Ano24j, Ano25f]. **MBase** [KF01]. **McLaughlin** [HLM95]. **mean** [GKS12]. **meaning** [BW05]. **Means** [Vel00, BMQS06, DE03]. **Measure** [CMP87]. **Measurements** [AI90]. **Measures** [HLS01b]. **Measuring** [Sor22]. **MEAT**

[LMR94]. **MEAT-AXE** [LMR94]. **Mechanical** [AM88b, CP93, DJS18, Hol85, KW10, PH87, Wan91, DJ15]. **Mechanics** [CJMP97, Cra91, Bar13]. **mechanisms** [GMS09]. **Mechanized** [ACGR01]. **medial** [CN19]. **mediated** [HRdWY22]. **meeting** [BR10]. **meets** [GSA+12]. **MEGA** [BDT22, DKM23, MMO18]. **Membership** [Com98a, Com98b, Pri96, HV24, SS88]. **Memories** [MSV22]. **Memory** [AF96, CM96, CG02, GK96b, STA94]. **meshing** [BCGY12, DMR12]. **Meta** [Hag89b, vdH11]. **Meta-circular** [Hag89b]. **Meta-expansion** [vdH11]. **MetateM** [Fis96]. **Method** [AZ90, Bon96, CZ92, Eck87, FT95, Ges95, Hsi87, KFF88, LW01, NY99, ŌS94, San96, Sch98b, SGD97, Tef02, Tes99, Tra98, Tre92, Ver00, Wan93, YXL99, Zei91, Zha94, ASS07, AABdG21, AAFR09, BW22, Bec09, BGL14, Bîl11, BC22, CX09, CJL13, CJ15, CK12b, Col17, CGK09, DJO+11, DJ92, GLY09, GVYZ09, GLLdR21, GG92, GX04, Hon04, HcL21, HY23b, Izu16, JPP23, KSW13b, KT90b, KT94, KM06, LLZ24, LN21, MMS23, Mao21, MPP19, PT14, Piq91, RS21a, Ric91, Ros05, Sag14, Sal08, Sau18, Sid93, Sza08, Toh10, Wan04, WS09, vdH10]. **Methodologies** [Bie85]. **Methodology** [LHD96, Sch91]. **Methods** [Ano01e, AM99, Boy93c, Bur01, CDO01, Cra91, EP02, EHR91, KT02, KR97, MGL00, MMY00, MMO94, Mou98, PC98, Pau85, SO89, SME87, Sof94, Zha90, BCLR13, BP11, BENW06, DGPP10, DDM15, Els17, FK09, GVHHUE05, GPS09, GGdR+13, GS22, KP13, MM88, MP09, PWS+25, Wan06, dCR17]. **Metric** [UY15, DZY22, GS23, GS24b, KP13, Lin18]. **metrics** [ACS13, ASS20]. **MICC** [GMMM17]. **Microcomputer** [Dün94]. **microprocessors** [VB03]. **microstrip** [AP90]. **middle** [Har12b]. **Miller** [LR15, Sim90b]. **Million** [BCE+01]. **Milne** [BR09b]. **Milnor** [Bod04, DS18b, MS09, NT21]. **Minimal** [Ae02, Hel00, Kin13, LS98, Lub14, LM94a, MM09, Nor95d, OT01, Ous91, Sak88, ABPR21, AP04, BO04, Bed09, CKR04, CR19, GGMAMF19, HJS16, HKL24, Jam11, JMV23, JNSV17, Mor11, Par22, dCW09]. **Minimally** [ACOR00, BELT21, HJA17]. **minimization** [ES18, MH06]. **Minimizing** [Fie04, CS16, FS10, FS12, FS13, FDS13]. **Minimum** [Col01, DL88, Gün90, JP10, Toh10]. **Minkowski** [Fuk04]. **Minors** [Ma94, BC24b]. **MinRank** [FES13]. **minus** [WS09]. **mirror** [Hie16]. **Mixed** [BP99b, CLL17, CCG25, EC95, GLW99, HM02b, Mil92a, Min02, Min03, CCF+15, CK19, CL20, CLX+24, FGG+16, FW15, MRW17]. **Mixtures** [NMM90, KMM22]. **Mizar** [RST01]. **ML** [Hag89a, PMW93]. **MLE** [EFRS06]. **mobile** [KS04]. **Modal** [CRAB91, Kal11]. **Model** [ABP96, BPT12, Kal11, Pel97, Pel03b, BHLGO15, Bon05, Nor15, PS24]. **Modeling** [TL96, VGT90, BENW06, LZS11]. **Modelling** [Div91, FH86, PZ96]. **Models** [CZ92, CP00, Pic00, SLK11, AH23, AH24, BPT11, BFG+25, CR98, ÇJM+21, CS21, DG20, EFRS06, GMN22, Har13, MM16, MS14, Pel03a, Pel03b]. **Modification** [Poh87a]. **Modified** [Bon96, FK11]. **modpn** [LMRS11]. **Modular** [Arn03, BCG10, CD87, Con90b, DV00, EPY98, GAO02, HLM95, IPS11, MU04, Mar02, Mic88, MM10, MF96, NY99, Ohl95, QW96, Sch90a, SW02, VH98, YNT94, Abb17, AH13, CDS24, CL07, CvH04, Deu93, DFS11, GGdC23, JY17, Kin13, LSSW12, MP11a, MS09, PS89, Rau11, Ren04, Ryb90, SW97b, Wil90, Wur93]. **Modularity** [Mar96b, TRRK10]. **Module** [Cha00, BFH17, PS89]. **Modules** [GO90, Lev00, ŌS94, Rut92, Rut93, Smi00, dG01, ÀL06, Aue05, BW03, CJUE01,

CJUE06, DNS21, EG07, Fer06a, Fer06b, GV03, GTLN16, HH07, KZ14, La 17, LS16b, Lia22, Mon05, NOT18, OTW00, OT01, OUI16, QR07, TW01, Wal05, ZW08].
moduli
[BBV15, Gen22, HJ15, Lou21, Qi23, Qi24].
modulo [AB22, BCvdHS11, Con93, Dah22, DMS21, Mar96a]. **modulus** [PNM13]. **Moh** [MSS21]. **molecular** [Bar07]. **Molecules** [OT87, LMM05]. **Moment**
[LLM+13, BBCM13, HI08]. **Moments** [PSZ91, KMM22]. **Monad** [HCB96].
monodromy
[DS18b, GGG06, Kön17, dCR17].
Monogenic [BCRS89]. **monoid** [BLT22, OS04b]. **monoidal** [BDM+16].
Monoids [MO88, OKK98, Wal02a, Wal02b, Cha25, GGMAMF19, GMP13, MO85, Mos08, Sch17a]. **Monomial**
[ASS13, EMS00, HKL99, La 17, LS00a, MSY00, Mus00, Püs02, BT09, BD15, BGM06, BGMSG07, BGLGM17, Bro12, Cer18, Cer21, CM21, DJ05, DDL+23, Gas21, HQS19, KK17, NNPZN19, Pis04, Pre06, Rob09, Rou09, dC10, SSS23, Shi04, TV18].
monomials [ATY08, NWW21, Qi23, Qi24].
monotone [BP23]. **monotonic** [ET96].
Monster [Nor01]. **Moore** [MGRR23].
MOPS [DES07]. **Morales** [AMDW16].
Morley [IKGT11]. **Morphisms**
[Smi93, DV21]. **Morris** [GG92]. **Morse**
[CVY17, KKK17]. **Moser** [BP09a]. **Moser-**
[BP09a]. **Most**
[BE99b, PV02, DEP22, GR12]. **Motion**
[PS18a, VV97, DW07, KLR93, LSS19].
Motions [KS18, LSS25]. **Motzkin**
[BBCF22]. **Moufang** [NV07]. **Moving**
[CGZ00, D'A01, Olv03, SGD97, AP22, JWC+16, LC16, Tab13, WC12]. **MP**
[GKW98]. **MR**
[HJM94, Kal90, KT94, KL90]. **Much**
[Hre94]. **Mulder** [HZ15]. **Mulders** [HZ04].
Muller [Key01]. **Multi**
[BGK96, CRAB91, DYA97, Mal00, YNT94, AHH+05, BKW20, CKM09, DMN17, ES18, LP03, Ren04, dCW09, TZ21].
multi-branch-point [BKW20].
multi-computational [TZ21].
multi-homogeneous [ES18]. **multi-indices** [DMN17]. **Multi-Modular** [YNT94, Ren04].
Multi-Objective [DYA97].
multi-paradigm [AHH+05].
Multi-parameter [Mal00]. **multi-Schur** [LP03]. **multi-state** [dCW09].
Multi-Threaded [BGK96].
multi-univariate [CKM09]. **Multi-Valued** [CRAB91]. **Multibasic** [BP99b].
Multidimensional
[GV97, ABvHP11, AKL17, BBF17, UY15].
multigraded [IK13]. **multigrid** [PT14].
Multihomogeneous [DE03, EM12, JS07].
Multilinear [EMT21, Whi91a, CGK+21].
multinomials [MO21]. **MultInt** [Tef02].
multiobjective [BP11]. **multipersistence** [GDRV21]. **Multiple** [BBV15, BLS17, DW07, LO96, Mag89, Pet00, San96, Sod96, Tef02, BLV16, BDE+21, CM09, Gon17, JMV18, Lic21, PH11, Rie03, Szp22, XW20].
Multiple-Strategy [Sod96].
Multiplication [CM96, CW90, Pan94, Pon91, Van02, BCvdHS11, CE19, DNS21, Har09, HvdH18, HYG24, LS16a, NPP17, Roc11, vdH07d, vdHL13]. **multiplications** [CH17]. **Multiplicative**
[Gre00a, SS96b, HL18, Zhe21].
Multiplicities
[Bre86, GLLZ23, PS09, ST20]. **multiplicity** [Cox19, HMS17, HH09, HY21, LZ12].
multipliers [BLS23, EG21]. **multiply** [HKS21]. **multiplying** [DPS23]. **multipoint** [Har09]. **MultiPolynomial** [MC93].
Multipurpose [PW94]. **multiscale** [BGL14]. **multisequences** [KZ08].
Multiseries [SS99]. **multistable** [HTX15].
multistationarity [MS24].
multisymmetric [GRW16]. **Multivariable** [Fit97, UYSA89, Lev07b, PWS+25].
Multivariate [BH21, BEZ23, Cla91, Cza89,

DES07, GRS02, Hon98a, MT01, MF96, Pan94, SS92, Vir93, AV11, AGT13, AGR16, AIRR12, BES13, BS10, BH23, BGP09, CK03, CS98, FP09, GLsL09, GHLZ21, Gre16, HG20, KMYZ08, KY16, KLM+21, Lec07, LWX23, MS21, Nag25, PS24, PS09, PS20, Qi06, RS20, Ste05, Tsu09]. **MuMath** [Tri86]. **Mumford** [BGM06, HH04, MR15]. **MuSimp** [Maw88]. **MXL** [ACFP12]. **My** [Kal00, Buc06b].

narrow [JPPSG09]. **Narrowing** [MO98, NRS89, You89, Ant10]. **Nash** [PSA23, PSA24]. **Natural** [MO88, Tak91, Bro03, FF17]. **Naturally** [CGGO09]. **NatureTime** [MRS96]. **Near** [BS17a, BM01, DLLP08a, DLLP08b, DLLP08c, vdH01, AGR95, BSSY18, Tun09]. **Near-optimal** [DLLP08a, DLLP08b, DLLP08c, BSSY18]. **Near-rings** [BM01]. **near-separated** [AGR95]. **nearby** [GHL21b]. **Nearest** [LW98, PS09, Sek11]. **Nearly** [Pan02, PT16, BFPT21]. **necessary** [GGG06, HP07, HP08]. **Necklaces** [Bry21]. **Need** [KMN88]. **Negation** [Fer96, Fer98]. **Negative** [Lug95, FT95, JMV18, MES19]. **Negative-Conditional** [WG94]. **Neglected** [Kad13]. **neighborhoods** [vzGM22]. **Neighbour** [Sch98b]. **Neron** [PP17]. **Nested** [Hon97a]. **Nesting** [BFHT85, OS24]. **nets** [FK09]. **network** [Lic21]. **networked** [SMB03]. **networks** [BDE+21, CCG25, GSS05, Gon17, KZ10, MJST22, MS24]. **neural** [PUK+25]. **Neurons** [BHH23]. **NEWEUL** [HS89]. **Newton** [ABF09, BSSY18, GV97, Gri23, HL16, HL98, Hil87, LLZ24, Ver00, WY25, vdH10]. **Newtonian** [KS97]. **Nie** [AGS18b]. **Niederreiter** [Gen07]. **Nilpotence** [Sim87]. **Nilpotent** [HNVL90, Lo98a, LRW97, dGN02, BL06b, CE19, DF08, EKP22, dG11]. **nilsoliton** [KP13]. **Ninth** [NSW85]. **Ninth-order** [NSW85]. **No** [CGZ00, AS01, HJM94, Kal90, KT94, KL90, Nor95b, Sag89, Tsa23]. **nodal** [FM24, HMXD07, MHXD09, MPSXD09]. **Noether** [GHL+00, HMS25, Rob09]. **Noetherian** [CMR19, CHKL22, DHS98, FD14, Per04]. **nomial** [Li10]. **Nominal** [SSSK18]. **Non** [ABY90, Baj86, BTBQM00, CS98, CdG09, DS00, ET96, FT95, GP96b, HLM95, KRW90, MS11a, Pas86, PZ12, Pri96, Raj06, Ric92a, Str19, Wid01, Wir12, Abo10, BJT22, BVE21, CDS24, DMN17, GSZ85, Ger06, GHL21b, GTLN16, GMW23, HHPS21, HJ15, Kin13, Kin14, KH23, KH24, KKM15, LL09, Lab90, Lem03, LMZ23, Lev21, Lou21, Mad14, MES19, NW10, Sch19, Sor22]. **Non-Algebraic** [Ric92a, KKM15]. **non-analytic** [Lem03]. **Non-associative** [CdG09, Raj06, Wid01, Ger06]. **non-autonomous** [NW10]. **Non-Cohen** [MS11a]. **Non-Commutative** [Pri96, BTBQM00, CS98, KRW90, GTLN16, Kin14, LL09, Lab90, LMZ23, Sch19]. **non-convexity** [Sor22]. **non-defectivity** [Abo10]. **non-fields** [CDS24]. **Non-general** [DS00]. **non-homogeneous** [HHPS21]. **non-hyperelliptic** [HJ15]. **Non-linear** [PZ12, BVE21, GSZ85]. **non-modular** [Kin13]. **Non-monotonic** [ET96]. **Non-negative** [FT95, MES19]. **Non-Permutability** [Wir12]. **non-positive** [DMN17]. **Non-Principal** [HLM95]. **non-realizability** [GMW23]. **non-reflexive** [Lev21]. **Non-Solvability** [Baj86]. **non-special** [KH23, KH24]. **Non-Standard** [Pas86, GP96b, Str19]. **non-symmetric** [Mad14]. **non-trivial** [GHL21b]. **nonarchimedean** [AGS18a]. **Nonassociative** [Jac97]. **nonclassical** [BN04]. **Noncommutative** [CM09, LPT20, BDM+16, DE06, La 17]. **Nonconservative** [EC87]. **nondegenerate** [ELME23, Li04]. **nonemptiness** [Dum09].

nonexistence [EFRS06]. **nonic** [BP10b]. **Nonlinear** [CK99, GH97, Jir97, San96, Tra98, BGH+04, CWZ23, GG25, HY23b, LLL13, LGM21, PH11, XZ10]. **nonnegative** [DGKR25, DIdW18, IdW15, Nie12, Pap23]. **nonnegativity** [MW23]. **nonsingular** [BLS23]. **Nonsolvable** [Mal87]. **Norm** [AK00, Yam94, BPZ06, Bus09, FMTT13, KS06, KT04, VK21]. **Norm-Bounded** [Yam94]. **norm-Euclidean** [Bus09, VK21]. **norm-trace** [FMTT13]. **Normal** [Ae02, AF00, BLV06, BC06, CD00, CK99, Drä01, DSV01, Egl96, ES20, Mar96b, San96, Sen02, Sne98, Van00, Vil95, Von98, tW91, vG90, AP04, BJM17, BLS23, BLL+16, BD13, CGO88, CL07, GLLdR19, HR12, JY17, LS11, LLW24, Mon05, MTV21, Pol95, PRR18, Sch04, WY11, XWL23, XWL24, YY03]. **normalisations** [HMS25]. **Normalisers** [Gla88a]. **Normaliz** [BS15, BIS16]. **Normalization** [DHS98, GLS10, BDL+13, LN21, Rob09, Ryb03]. **Normalized** [Mar96a]. **Normalizers** [Eic02, GS90, Hol91, Lo98a]. **Normalizing** [She97b]. **Norms** [Boy93a, Boy93b, BKV24]. **Note** [Ano03l, Czi95, Hon04, Lan92, Laz92a, Mul97, RS93, UW96, Ano12m, BR13a, HZ04, HZ15, HKL24]. **Notebooks** [Mon97, Sit97]. **notice** [AK06]. **notion** [HP91]. **November** [Ano23j, Ano24k]. **Nowicki** [Kho08]. **NP** [AvW94, KP99, Lan10]. **NP-Complete** [KP99]. **NP-hard** [AvW94]. **Nullstellensatz** [DLMM11, Dub93]. **nullvalues** [Pie24]. **Number** [AF00, BdS01, Bos01, Bru01, BW87, CE95, Ded97, Enc95, GPP93, Gen22, HM02a, LM89, Lim93, Lis95, Mee94, Poh97, Rol86, Rol90, Smi02, Yan99, ZSY93, dM99, AB22, AP11a, Ave09, BELT21, Bel04, BLT22, BFH17, BE17, Col05, DZY22, DL88, EK19, FMM07, Fie04, Har14, Heu06, JPPSG09, KY16, Kau07, KO17, Kli90, KC18, KR23, Kut19, LSSW12, MCJ21, MD24, PZ12, Rob04, SH17b, SvH19, Tsa16, Ura24, VV18]. **number-theoretic** [Har14]. **Numbers** [Arn95, CR88, Duv94, Eck87, Ges92, RS90, Str97, Abb17, AH13, AC19, Bas06, BEP13, Bod04, CJP22, DPS16, DEPS11, DGW19, GS05, HMXD07, MHXD09, MPSXD09, Píl07, Rio03, Ryb03, dCW09, Smo21, TCT23, dAM17]. **Numerators** [KT90a]. **Numeric** [EP02, KL98b, She97b, WS98, BFG+25, GLsL09, RZ09, WZ12, vdH07a]. **Numerical** [BL98a, BL98b, Hen90, HSS98, KR97, KL17b, Mro96, NS90, Pan02, SS05, Tra98, BB11, BSC12, CGY09, CWZ23, DZY22, DR23b, EH16, GS03, GHS08, HS17a, IMP17, KS06, MPH17, MS21, PP25, Roq13, Rup04, Wan06, Wan86]. **Numerically** [BL98a, DH16]. **numerics** [Str06]. **Nyström** [PC98].

O [MMW11]. **obey** [SZ25]. **Obituary** [SSS+11]. **Object** [KKL92, DW07, SLK11]. **object-oriented** [SLK11]. **Objective** [DYA97, FL04]. **Objects** [BL85, Kau06]. **Observability** [Sed02]. **obstructions** [EG07]. **obtained** [ERSG05]. **obtaining** [KLR93]. **occasion** [BDT22, DKM23, MMO18]. **occurrence** [BDE+21]. **Occurring** [AB89]. **October** [Ano24l, Ano23m]. **Odd** [Dür89]. **ODEs** [CFRS23, CTR99, FOS25, FG06, HR12, Man93a, MV15, NW10, NW11, VGW18]. **offset** [Pet10, SS09]. **Offsets** [ASS97, Far97, AJGVS09, AS07, Alc08a, Alc08b, Alc12]. **OLDT** [BB93b]. **OLDT-Based** [BB93b]. **Omega** [Ges97]. **Omega-Termination** [Ges97]. **One** [Bru01, CJ97, CKS99, SS96b, TA87, Vid99, AGS16, CFRS23, Cou22, Dah22, EGS23, GGSST10, GKO09, LLZ24, Lev21, LZ12, LV14, LM94b, MRG13, MRG17, NNvdPT15, PP17, vdPT15]. **one-point** [MRG13, MRG17]. **One-sided** [SS96b, TA87]. **ones** [MPT20]. **online** [LS16a]. **Only** [Bru01, KMN88]. **onto** [Poz19]. **Open** [ACGR01, BCE+94, HDHX17, Kal00, BLR13, Dra05, FU17].

OpenMath [CC01]. **operands** [Mad14]. **Operation** [GK96b, GO90, McC88, Gas21, NOF10]. **Operational** [AHH+05, AB99, Har92]. **Operations** [DJ96, Mon05, Wan96, LNP+21, PWZ18]. **operative** [LBM98]. **Operator** [Tsa00, CKM09, CvH04, Fre13, HI08, MKF93, PRR18]. **Operators** [Ano01e, CSTU02, Dun99, Gri90, ŌS94, Pau86, Pro00, SML91, Van02, van97a, van97b, Ald23, BR13c, CKS16, CHKL22, Che18, Dra03, GHL16, GOT05, GSZ13, Ros05, SS03a, Tra06, Wan94b]. **Optics** [NSW85]. **Optimal** [CE85, Kem99, KM99, KM01, Laz88, Pan02, SW97a, Tab11, BS17a, BSSY18, BFPT21, BK12b, DLLP08a, DLLP08b, DLLP08c, EH16, PT16, Pap23]. **Optimality** [Boy92]. **Optimally** [WKB86]. **Optimization** [Wei97, BPH07, BM16b, DIdW18, DGLM+24, GSA+12, GGEZ12, HJX16, KLYZ12, Loj13, MW23, Met25]. **Optimized** [SPZ10, KT94]. **optimized-IPIA** [KT94]. **Oracles** [CO01, EFG16, JZ04]. **orbifolds** [Qur17, Tra06]. **Orbit** [AB89, Eic02]. **Orbit-stabilizer** [Eic02]. **Orbits** [Hel00, Hel96, HY23a, JT03, dG11]. **Order** [BZ03, BE99b, CH85, CH86, Dom92, Fit97, HS95, Hen98, HKK98, Hre94, Hsi87, Kov86, Lug95, Man93a, MGS89, NNN98, Pau85, QW96, Ren92a, Ren92b, RZAG99, RP89, SV92, Sim90a, SU93a, SU93b, Smo98, Sof96, Tre92, Ulm94, VRUW99, Vid99, Wer98, Adl16, Ald23, Ald25, AC04, Ano00b, Arr16, AB01, BCE11, BE13, BELP13, CP00, CFS22, CTR99, CK12a, DS18b, Dra03, FMM07, FPT04, FG06, FSW10a, FHR99, GS89, GOP18, HYH04, HW24, IvH17, KT25, LL16, MW23, Mil93, MV15, NV07, Nak16, NSW85, NW10, NNvdPT15, OS92, PSS12, Ren92c, ST89a, SSS05, Sla07, SG89, Sto03, SD05, Ulm03, VGW18, WK91, WK20, Wur93, ZL12, vdPT15]. **Order-Sorted** [Dom92, HS95, HKK98, Smo98, Wer98]. **Ordered** [Cow92, DS97, CMR19, Pel03b]. **Ordering** [BP85, MS00a, NR95, Rus87, BLM10, CMR15, CS09, Hre06, PdRAEC24, Smi05, FGLM93]. **Orderings** [HKL99, Les92, Lev07b, LXZZ23, LLW03]. **orderly** [Lem03]. **Orders** [For87a, PZ96, Smi02, Bor22, BGG13, CC24, DEP22, MZ05, Sut12, Sut13, Sut16, Tra07a]. **ordinal** [ZWM15]. **Ordinary** [Bro92, Bro00, Gri90, Sch85, AB09, Abr17b, ABPS21, BD12, DP09, FGH08, GLY09, LGM21, MO21, Mil93, Nak16, RR08, ZG09]. **Ore** [BCL06, CKS16, CS98, GTLN16, GTLN19, HL21a, HL21b, Jar13, LZS11, LS12]. **orientable** [FGPT03]. **Orientational** [PSZ91]. **Oriented** [KKL92, Lyn97, PS89, SLK11]. **Origami** [IT10, IKGT11, IGT15]. **Origin** [vKT93]. **Orthogonal** [Ano99c, BP25, FHR99, KM91, RT89, RT98, Sch99, DES07, FKTS12, GS03, Wan23]. **Orthogonal-symplectic** [BP25]. **orthostochastic** [Dey21]. **oscillations** [LLL13]. **Oscillatory** [San96]. **osculants** [Bry21]. **O'Sullivan** [MRG13]. **other** [FS23, LGS90]. **Otter** [Col05]. **Outer** [You89]. **Output** [CL07, MPT20, MZ05]. **Output-sensitive** [CL07]. **Oval** [Key01]. **over-determined** [Sza08]. **overdetermined** [AHS18, KT08]. **Overview** [Wan96, BD16].

P [HZ19, Lan10]. **P-recursive** [HZ19]. **Package** [AST96, BG01, CH91a, MC97, NP95, Pro00, Sch96, Ste95, Tef02, Vei97, AU21, GK21, Kau06, OdR09, Ric92b, Rie03, Sil04, GHL+00]. **packages** [Kra95]. **PACLIB** [HNS95]. **Padé** [CK90, FF92, LOOR+03, RS21b]. **Pages** [Ano23i, Ano23l, Ano23k, Ano23j, Ano23m]. **Pair** [BD88, MCJ21, Sto99]. **Pair/Completion** [Buc87]. **pairing**

[LLL08, LR15]. **Pairs** [Bec93, GAO02, BM16a, BLM22, BKHG21, CKR04, DW21]. **Pairwise** [MM00]. **papers** [Kap06]. **Para** [Sch96]. **Para-Functional** [Sch96]. **Parabolic** [Hel00, KT08]. **paradigm** [AHH+05]. **Parallel** [AT96, BA85, BDL+13, CM96, CM17b, CG02, DD90, Hon96, Kal85, Lim93, MM04a, MF96, MG88, PS95c, Pon91, RR90a, STA94, Sch96, Tak89, Tor93, Wan96, Web96, ZSY93, BBRS24, BS22b, Bro07, HM21, Kal90, KC09, Ree98, Ren04, SMB03]. **Parallelism** [LHD96]. **Parallelization** [ABM+23, IPS11, KC01, GGL06]. **Parallelizing** [HCB96]. **Parallelogram** [DDD95]. **Parameter** [DTGV01, Mu08, AR13, BFG+25, BB25, GG92, HMS25, Mal00, Pet10]. **parameterization** [DLLP08a, DLLP08b, DLLP08c, HS98, WC12]. **parameterizations** [CK12d]. **Parameterized** [BPZ06, Hem02, Arr16, KZ10, Tak93]. **Parameterizing** [AJGVS09, DLLP08c]. **Parameters** [Kem99, KM00a, Mon02b, Arr16, CHM12, DHM11, MW10, NT17]. **Parametric** [ACOR00, AHKY09, ASS97, DH17, DTGV01, FHL96, GC92, GC93, GV97, HSW97, MC92, MMO94, Ore01, Sit92, Yan99, AHW05, BP25, BDE+21, Bry21, CES23, CCL05, CJL13, FL11, Gao03, GKS12, HT24a, KSW13a, KLM+21, KRTZ23, LR07, LE22, LJ09, NT17, PDS03, PD07, PT98, Wal03, WWWX23]. **parametrizable** [NW10]. **Parametrization** [LSW01, Sch92, Sch00, SW91a, SW97a, ARST09, BD15, CR19, GSHPBS12, RSV09, Sch98a, SPZ10, SJS06]. **Parametrizations** [PP97, Sen02, van97c, FL21, Sch03a, SS11]. **parametrize** [RSS13]. **Parametrized** [BCR15, GS07a, Lou08]. **Parametrizing** [dGPS09, LSY07]. **Paramodulation** [NR97, PP91a]. **Parity** [AP25b]. **Parser** [Mer01]. **Part** [CJ97, BBRS24, CFSGL21, KR23, KW24, LR90, Nag21a, Raa12, VM14, BMS20, Com98a, Com98b, DV21, HLS01b, HLS01a, Kno92, Kno93, MS15, MS16, Ren92a, Ren92b, Ren92c, Wal02a, Wal02b]. **Partial** [CH91b, FK04, LS01, SS09, Sch99, Wol02, dv96, BVE21, CQ12, DW18, FGLH+23, GHL16, Liu19, PPR20, PH11, vdH07c]. **Partially** [JM93, Wra88, Min06]. **particle** [Loj13]. **particular** [Oll88]. **Partition** [Mul90, AU21, AP25b, Hem18, LFD19, MOP15, RS21a, Smo21]. **Partitioning** [Gün90]. **Partitions** [GZ89, Leo91, Du25]. **Past** [Cav86]. **Patching** [Cou00]. **Path** [Bac94b, Rus87, KS04, Lea06]. **paths** [BBCF22]. **Pattern** [Lav91, PS93, RR90a, WKA94, BBCF22, KMY24]. **pattern-avoiding** [BBCF22, KMY24]. **Patterns** [MS00a, BP23, CKKM10]. **payoff** [GKS12]. **PBW** [NOT18, RR05, dG01]. **PBW-Type** [dG01]. **PDAE** [WRI09]. **PDE** [BC22, Lem03]. **PDEs** [AC01, BGH+04, KT08, LST03, Wol00a, Wol03]. **Peakword** [LMR94]. **Peano** [ZWM15]. **Pellet** [BSSY18]. **Pellikaan** [Toh10]. **Pencils** [Sch92, DLLP08b]. **Perfect** [BRM01, GH05a, JWW23, JM95, GR12, GR11, MBC+10]. **Performance** [CM96, HLS01b]. **Period** [GSST98]. **Periodic** [Sad16, JT03, LH98, LLL13]. **periodics** [GKR23]. **periods** [PP25]. **Permanental** [LS00b]. **Permutability** [Wir12]. **Permutation** [BL96, BC91, CH97b, CCH97, CCH01, CF94, CFTY97, Göb95, GO90, Hol91, Leo91, LRW97, Mal87, Sim90a, Tri86, BP98, BC89, CHU19, CJ22, CF91b, Els17, Göb98, HdC13, HdC16, HV16, Hul05, JPW19, JWW23, Kan91, Koh08, Min98, Poz24, RDU03, Vat12]. **Permutation-Invariant** [Göb95]. **Permutations** [BP23, Top14, Vat06]. **Permutative** [SS89b, Fer98]. **persistence** [BD17]. **Persistent** [Pog25, AKL17, BKRW17]. **personal** [Mos12]. **perspective** [BBC+11, LO08].

Perspectives [Gre00b]. **Perturbation** [CJMP97, KC01, Rat02, TBS17, Lam91, AG91]. **perturbation-Galerkin** [AG91]. **perturbations** [EGB12, vzGMS10]. **Perturbed** [VV97, BM19, PY05, Rue11]. **Peter** [And95]. **Pethö** [TU18]. **Petkovsek** [CS05b, PS95d]. **Petri** [FK09]. **Pezzo** [GSHPBS12, dGPS09]. **Pfaffian** [BJM17, MM16]. **Phase** [Fit89, GKLM91, WK91]. **Phat** [BKRW17]. **PhD** [Buc06a, Buc06b]. **Phenomena** [GKLM91]. **Philippe** [SSS+11]. **Phylogenetic** [AR06, CFSGL21]. **phylogenetics** [HS21b]. **Physics** [CF91a, Vor89]. **PID** [GTLN16]. **Piecewise** [Von98, Sek11]. **Pisot** [VV18]. **place** [AGS16, Cox22]. **placement** [Pal13]. **plain** [BLV16]. **Plan** [Rob97]. **Planar** [LP02, Mul90, ZS01, CC24, CVY17, GMS09, NW11, PS18a]. **Plane** [BE02, GSST98, Ric92a, Sen02, Alc08a, BD15, BGI18, BE17, BBN18, BS21, CGL07, CWL08, CP10, DS18b, Els15, FFP98, GGG06, Har13, HH09, HH13, HMXD07, KH23, KH24, MP89, Mic13, MHXD09, NS90, PD07, PV13, SS09, Zen06]. **planes** [LC16]. **Planning** [LBM98, DW07, KS04, PS18a]. **Plans** [HLS01b, HLS01a]. **plasticity** [SY25]. **Plates** [Eis90, Roq13]. **Player** [BCGR92]. **Plus** [WS09]. **Pochhammer** [GKsL03]. **Pohlig** [Tes99]. **Pohlig-Hellman** [Tes99]. **Poincaré** [CIL07]. **Point** [BdS01, CE85, CS90, Cuy97, EPW90, MV15, Vid99, WKA94, BKW20, BPD19, Cha25, DHTY04, EGS23, GS12, Hub09b, IM25, Lub25, MRG13, MRG17, MV10, Ros05]. **pointer** [LCQ+10]. **Points** [ABKR00, AH01, AS01, CGZ00, HI98, MO95, SF90, AFT08, AB09, AHW05, ACMB19, AAKM21, BE17, CWL08, CS05c, Fas10, FLE+23, GP20, HHS23, KH23, KH24, SMJ19, SS24, Szp22, dCR17]. **Poisson** [ASJ97, DD90, SJA01]. **Polarimetry** [BG01]. **pole** [DS18b, Pal13]. **poles** [GLLZ23]. **policies** [LMA11]. **Polly** [CCT11]. **poly** [HLXL18]. **poly-powers** [HLXL18]. **Pólya** [CPR09, CPR11]. **PolyBoRi** [BD09]. **Polycyclic** [Eic02, Geb02, Lo98b, LO99, MR98, Ost99, Sim90b, AE05, CELG04, NU18, SH17a]. **polycyclic-by-finite** [SH17a]. **Polygon** [Lis95, Sch03a]. **polygonal** [GMF13, HC12, IGT15, PS18a]. **Polygons** [Gün90, WW94, BK13, Hil87]. **Polyhedra** [AC01, Aur87]. **Polyhedral** [CS89, EFRS06, BKV24, IS10, LY18]. **polylogarithms** [DMN17]. **polymake** [GP24]. **Polynome** [MZM87]. **Polynomial** [AP10, ACOR00, AM88a, AM99, Bah01, BZ85, Bea92, BTW93, BF22, Boy93a, Boy93b, CMP87, CGG89, Chi96, CM97, Col01, CSTU02, CKS99, Ded97, Dic92, FGT02, GLW99, GH02, Gie98, GGdC23, GV88, HLN+21, HMZ21, HS97, Kal94, Kal98, Klü99, Klü00, KL89, KL90, Kri85, LM89, LS00a, Ley01, MM16, McC97, Mig92, MG94a, Mil96, MT01, MF96, Pan89, Pan94, Pan96, Pet92, Pri96, RS93, Rob04, Roj99, Sad17, SML91, SS92, Sau93, Sch06, Sch85, Sed02, SL92, SY96, SvE21, Sho95, Str00, Tun02, UC98, Ver00, Vil95, Wan93, Wan96, Wan98, Wan99, YNT94, Zha96, AB09, AB22, AHS18, AC19, AHKY09, AGR16, Ave09, BV03, BC24a, BNN17, BMS17, BS24a, BLV06, BCG10, Bih15, BP11, BPH07, BC22, BU09, BVE21, Bry21]. **polynomial** [BM16b, Buc06a, BR06b, BK16, CES23, CJP22, CMR19, CDS24, CM12, CL20, CLX+24, CL07, CGG12, CJ15, CG06, CK03, CK04a, CGK09, DIdW18, DHS22, ELME23, ES18, EYZ21, EMT20, EMT21, FGS09a, FGS09b, FS10, FS13, FG06, FGT05, FD18, GLY09, GVYZ09, GLLdR19, GTZ88, Göb98, GPGO16, GTLN19, Guo20, GP20, HR12, HJS16, Har09, HSS18, HHPS21, HS21a, HL17, HOP06, HKPP09, HR19, HJS13, HV16, HM21, HcL21, Hua23, HYG24, Hub19, IK21, Jam11, Jar13, JLR03, JP10,

JPP23, KLYZ12, KRK88, KSW13a, KW88, KW24, KT25, LL13, LR07, LE22, Lec07, Li04, LMRS11, LJ09, LWXZ23, LWX23, LNP+21, MM04a, MRW17, MR13, MW12, MS11b, MS21, MPT20, Mtn03, MP11b, MT20, MW10, MD24, MP09, MTV21, MS03c, Mur23, Mur24a, Nag11, NP20]. **polynomial** [NY04, Oak13, PT16, Pog25, PZ12, Qi06, RZ09, Roc11, RCK07, Sek11, SLX+13, SvE14, SH17b, The06, TBS17, TUÖ05, Tun09, Vil25, WWWX23, WY11, WZ12, XLY15, XWL23, XWL24, YYZ12, Zhe21, vdHL13, vzGMS10, Laz09]. **Polynomial-division-based** [BF22]. **Polynomial-Time** [Chi96, YNT94, AM88a, HLN+21, MM16]. **polynomial-transcendental** [MW12]. **Polynomials** [Ano99c, BS90a, Baj86, Bea92, BL98a, BL98b, BCRS89, Can90, CE19, Cla91, CE96, CR90, DE02, DTGV01, DTGV02, Enc95, For02, FHR99, Gao01, GK00, Göb95, Hon98a, HM02b, Kal87, KT90a, KL98a, KM00a, Koh92, LSW01, Led00b, Lev99, Lev00, Ley01, LW98, Mv90, Mal87, Mal00, MZM87, Mig00, Min02, Mon92, NG93, Pan02, PS00, Pau01, Pon91, Pro00, RR90b, RZAG99, Sch99, Sho94, SW91b, Tho02, Vei97, Vir93, VH98, Vor92, WS98, Yam94, Yan98, Yan99, YNT94, Zip90, von90a, von90b, vzGP01, ABPR21, AV11, AGT13, AGR95, Ang15, AIRR12, BES13, BS10, BCL06, BDM23, BKSV20, BU14, BEZ23, BR09b, BD09, BD13, BMT21, CL17, CGK+21, CKM09, DSW09, Dah22, DGS10, DP24, DNS21, DIdW18, DES07, DMS21, Eid23, EGB12]. **polynomials** [FDS13, Fas10, FP09, FES11, FW15, Fer06a, Fer06b, FKTS12, FKT13, GVHHUE05, GR12, Gal13a, Gal13b, GKL04, Gen07, Ger19, Ger06, GKsL03, GLsL09, GHL21a, GHLZ21, GS03, GPMS20, GTLN16, GRW16, Gre16, GSW11, GGEZ12, GK16, Gri23, GX04, GNP12, GU21, HL04, HHK17, HY21, HG20, IdW15, IM25, Jar13, JTdW18, KL19, KL21, KMYZ08, KLM+21, KP15, LV25, Lee08, Lev07b, Lev21, LSS19, Lou08, MES19, MMS18, Mic13, Min03, Min06, MRV21, Nag21b, Nag25, Nie12, OP05, Pap23, PS24, Poh05, PS20, PWZ18, Rup04, SM16, Sch19, Sch05, Sek09, SvE21, Sut15, TCT23, Tsu09, WY25, Wei13, WK91, WY20, YYZ12, ZWM15, ZG09, ZW08, vzG13, vzGGZ21]. **Polyominoes** [DDD95]. **polytope** [DS18a, Sal08]. **polytopes** [BM88, DHTY04, EFG16, Fuk04, Kuo06, Lun16]. **Polytopical** [Aur87]. **polytropes** [BEZ23]. **polyzetas** [BDM17]. **Pommaret** [AFdCS15]. **Pose** [VGT90]. **Position** [Kal01b, NS90, CJL13, CJ15]. **positions** [HMS25]. **Positive** [ARE02, CES23, HLXL18, Kem02, Lip93, Lug95, Mat01a, PKP24, WG94, BBRS24, Bih15, DMN17, HH16, JP10, LV25, MWZ16, Ste05, vdPT15]. **positive-dimensional** [MWZ16]. **Positive/Negative** [WG94]. **Positive/Negative-Conditional** [WG94]. **positively** [EKP22, GS22]. **Positiveness** [Hon98a, BS10, KMR18, MR10, PS20]. **positivity** [GRW16, Lun16]. **possible** [BP98]. **PoSSo** [AF96]. **post** [ADGT25]. **post-quantum** [ADGT25]. **postulation** [BDS+18]. **Potential** [Kid02, HBN95]. **Power** [Ave86, Bec90, Bec93, BCGR92, CK90, Kal02, Koe92, Ous91, Sne98, van97b, ABK15, Ber98a, BIS16, GKsL03, GG25, Hir89, LS16a, MRW17, MJK17, NNN98, Shp14, SK12, vdH07c]. **power-trigonometric** [MJK17]. **Powering** [Pon91]. **Powers** [Gas21, Köl85, Ryb01, DDL+23, GMKP21, GR11, HLXL18]. **Practical** [LO99, MP14, Ost99, PV00, BHLGO15, BD16, DET09]. **practice** [LMS09]. **Pre** [AB99]. **Pre-defined** [AB99]. **precise** [Mil93]. **precision** [BB11, Fas10, Lia13b, MRH23, Vac17]. **Predicate** [Pau85]. **predicates** [CCG06]. **Predicting** [Kal02]. **predictions** [Hie16].

predictor [HL16]. **predictor-corrector** [HL16]. **Preface** [BZ03, CGR05, CLM09, GK12b, Gao18, GP03, HM06, Kap06, KG03, Vil02]. **Prefix** [Mil92a, JKKK20]. **prefix-assignment** [JKKK20]. **Preliminaries** [Ren92a, Ren92b]. **Prelle** [Man93a, MM97]. **premise** [HK25b]. **preprocessing** [AV11]. **prescribed** [Far19]. **presence** [LPR17]. **presentation** [EG21]. **Presentations** [HKK98, HH99, Le 86, MO88, AE05, CF91b]. **Presented** [GK96a, Let01, Lin91a, NÓ89, OKK98, PS97a, CdG09, Lab90, MO85]. **Preserving** [BH21, Egl96, PG86, Hul13]. **PRESS** [SBB+89]. **Preunification** [QW96]. **Primality** [CO01]. **Primary** [HS00, Laz85, MS00b, Mon02a, Rut92, Rut93, Sau01, SY96, Ste05, CHKL22, CHL25, Dur09, GTZ88, KN11, LLYZ24, PS21]. **Prime** [AF00, BL98a, BL98b, Bru01, Kal94, KMN88, NNN98, Ulm94, del95, AB22, FSW10a, GS12, Gol06, KT90b, KT94, Lev21, Mar19a, NY04, Sut15, Wan18]. **Prime-power** [NNN98]. **Primes** [BR87, BCE+01, Grä93, DiP16, DEP22, Jam11]. **Primitive** [BL96, Gue18, Mal87, YNT89, Ang15, BP24, HY23a, OdR03, RDU03]. **Principal** [AHLM99, BW87, HLM95, Pan89, EH21, Koz23]. **Priori** [Bea92]. **Priority** [Lav91]. **PRIZ** [MT88]. **Probabilistic** [BLV16, HJS16, HJS22, Sed02, RT17]. **probabilities** [Mor13]. **probability** [BP07, CM09, DG20, FW14]. **Problem** [BL93, BL85, Der13, DR00, EHR91, GV96, HI94, JM93, KFK97, KP99, MSKO93, OZ94, PH87, PZ96, PY94, Pri96, Ren92a, Ren92b, Sta89, Tak92, Tay02, Wid01, Wra88, YP91, Yap91, AP10, AHKY09, AvW94, CC24, CJ90, DKS15, DMW17, FES13, FU17, GGG06, Gau09, GGM10, GV16, KD90, LSSW12, MO85, MPH17, Min98, MH06, NU18, Oll88, Sch17a, SS90, Sha12, TU18, VM14]. **Problems** [AGRZ99, BKN87, CE85, CS89, CL89, ER95, Eic02, Fer96, HK95, HLS01a, Kal00, KC01, KR91, Laz92a, Meg90, Mer01, Mic90, Mil92b, OT87, San96, SO89, SME87, Stu00, TA87, Vel00, Wei88, Wei90, Zha90, ZBH96, BR06a, BR12, Bus09, Cla22, Con93, DLMM11, DGLM+24, Fit85, FNU16, HJX16, HYH04, Kap86, LWX23, MM16, MW12, PY05, PT98, Pic03, QSGB19, RW90, Ros05, RR08, Rou08, UY15, Yah23]. **Procedure** [Buc87, CLW95, Fri89, Gan91, KMN88, Man93a, Pau92b, Sim91, BN04, GMF13, Ye17]. **Procedures** [ARS02, BS96, SV92, SS03a, VB03]. **Proceedings** [Bos01]. **Process** [DHK+95]. **Processes** [DS96]. **Processing** [DD90, KL98b, Sod96, FMR04, JMPR04, Par04]. **Processor** [CM93]. **Processors** [ASJ97]. **produced** [CK04a]. **producing** [KN11]. **Product** [Hre94, Mig92, BMT21, CJ22, FMR04, GGdC23, HZ04, HZ15, Har12b, BLG12]. **Products** [Bac94a, Bea92, Shp14, BNRW22, Cha14, DK16, FW15, FNU16, OS24, PV05, Piq91, RS16]. **profile** [DPS17, JPS13]. **profiles** [DKLP21]. **Program** [AB00a, FD93, FLOR00, Mag89, ZD02, BSC12, JGF09, ST89a, Vis05]. **programmatic** [BKHG21]. **Programming** [AM89, AV96, Ant10, BFK02, BB93a, Bie85, BS87, Frü96, FH86, Gib87, LC96, LO96, Lyn97, SJG96, Sch96, Ant05, DIdW18, GKMW21, GKS12, GMW23, GL05, HT24a, LR23, LR24, MW23, MT88, SA89, TM89]. **Programs** [BB93b, DR93, HCB96, LHD96, Nie94b, PMW93, Sch91, Sch93, Sod96, Tak91, Tra89, YI94, dB89, AGS18a, AGR16, BP11, HNE21, HG20, JS07, JS18, LCQ+10, MMW11, Nal18, SJ12, Wan86, XZ10, SD05]. **Progress** [BB11]. **progression** [GJT13]. **Progressions** [CW90, BPZ06, Smo21]. **Projection** [Aur87, Bro01a, McC88, Wer12, CKM09, HJX16, Kun18, MH16, Mor11]. **Projections** [Ass94, BGI18, JTdW18, Str16]. **Projective** [BE02, Cha00, Con90b, DV00, GHL+00,

HJ18, Stu91, Whi91b, Alu03, BO04, BMNB+11, BGM06, BGLGM17, BCF19, Brå24, DH16, Eng10, FGT15, GV03, Har17, Hel16, JWC+16, JV09, LW03a, LW03b, SSS23, Stu17, Wib07, GHL+00]. **Projectively** [SW91b]. **Projectors** [Höf01]. **prompter** [Izu16]. **Prony** [Sau18]. **Proof** [BC01, CK19, Dub93, Gol01, JL91, LBM98, Mao21, Mar19b, Zha90, Bec03, BB25, But88, CL20, Col15, DHKS07, FU17, GKMW21, GG92, GK18, IKGT11, KS12c, LW03a, LW03b, Liu19, MPP19, Sil04]. **Proofs** [AP93, Bon96, CH95, CO01, DT23, Fuc00b, GAO02, Tak91, Tre92, Bel03, HV24, HLN+21, KKK+16, Ley04, MU04]. **Propagating** [Gal16]. **Proper** [Sch00, BJT22, KY15]. **Properness** [Mor11]. **Properties** [Cha00, DCC95, Ede85, Kal98, LH98, Ohl95, ST89b, Zha92, AS24, BD04, DSW09, Ebe19, El 05, GIL88, JGF09, LLTPT+11]. **property** [CO96]. **Propositional** [ZBH96]. **Prospector** [BLG12]. **Protocol** [GKW98, ADGT25]. **Protocols** [KM98, BD04, KKK+16, LNP+21]. **provable** [BGP09]. **Prove** [PP91a, Ye18]. **Prover** [BH95, ML92, ST89b, ZBH96, Win06]. **Provers** [BT98, Str01]. **proves** [CS98]. **Providing** [LLTPT+11, GLLdR19]. **Proving** [AGMT98, Ano00b, AB00b, ACS13, BF95, Baj86, BZ03, Bon96, Bou97, FT97, GHS08, HJX16, Hsi87, LBM98, MR87, NR95, Pad96, PS95b, Pet00, Soc91, Wal02a, Wal02b, Zha94, AHL03, Bon05, DJ15, KS86, OB03, PSS12, PUK+25, PS95e, RV03, Rie03, Rus91, Sid93, Zha03]. **Prüfer** [CLQ10]. **PSATO** [ZBH96]. **PSD** [Koz23]. **Pseudo** [MO88, MD24]. **Pseudo-Natural** [MO88]. **pseudo-polynomial** [MD24]. **pseudogroups** [LR98]. **Pseudonatural** [MO85]. **Pseudoprime** [BB00]. **Pseudoprimes** [Arn95]. **PSPCLink** [ASJ97]. **PTOPO** [KRTZ23]. **Public** [BCE+94]. **Publisher** [Ano03l, Ano12m]. **Puiseux** [CFS22, CFRS23, Gri23, Hil87, PR12]. **pullback** [Ald23]. **pure** [BL12, Par08, TZ21]. **pursuit** [YY03]. **pushout** [BGS11]. **Putinar** [ME21]. **puzzle** [RW90]. **pyramid** [BIS16]. **Pythagorean** [AK06, AK04, BL06b, FGS09a, FGS09b, FG16, Far19]. **Pythagorean-hodograph** [Far19]. **Pythagoreanization** [AK06, AK04].

qFunctions [AU21]. **qMultiSum** [Rie03]. **QUAD** [BGP09]. **quadrant** [FU17]. **Quadratic** [BdlCRLS19, Gaá93a, GP96a, HPT02, Rol90, Bus09, FDS13, FGG+16, GV16, Heu06, Hub09b, KT04, Kop08, KC18, KR23, Kut19, LR23, LR24, Sad16, Sak21, Sta16, VK21]. **quadri** [Mad14]. **quadri-algebras** [Mad14]. **Quadrics** [CGZ00, AJGVS09, DLLP08a, DLLP08b, DLLP08c, GP13, HDPS11, JWC+16, LC16, Sta16, UY15]. **Quality** [HH16]. **quandles** [HMN06]. **Quantified** [Rat02, SD05]. **Quantifier** [Arn88a, AM88b, CH97a, CM16, CH91b, DH88, DS97, DYA97, EW00, GV96, GGL06, HL97, HLS97, Jir97, Laz88, PS00, Ren92b, Ren92c, Wei97, XLY15, EH16, HE12, SD05]. **Quantifier-free** [DS97]. **quantitative** [CPR09, MRTV25]. **Quantized** [dG01]. **Quantum** [DJK05, KS16, ADGT25, KKK+16, Sag88, Sag89]. **Quarks** [BH87]. **Quartic** [BLT22, CcK02, GPP93, PSV11, Bri06, Els15, GP24, PT98]. **quartics** [CP10, CF09a, DGKR25, Vil23]. **Quasi** [CS21, Hub09b, Les92, BDM+16, CGGO09, GLLdR19, GLLdR21, HMS25, Jou09, Lou21, Wan18]. **quasi-filiform** [CGGO09]. **quasi-homogeneous** [GLLdR19, GLLdR21, Jou09, Lou21]. **Quasi-independence** [CS21]. **Quasi-Orderings** [Les92]. **quasi-prime** [Wan18]. **Quasi-quadratic** [Hub09b].

quasi-stable [HMS25]. **quasi-symmetric** [BDM+16]. **Quasigroup** [ZBH96]. **quasiseparable** [PS18b]. **quaternion** [FDS13, FGG+16, Kut19, FGS09a]. **quaternionic** [DGS10]. **queries** [CES23]. **question** [Mar19a]. **Questions** [AP93, KSD16]. **Quillen** [LS00a]. **Quillen-Suslin** [LS00a]. **quintic** [FS12, FDS13, Far19, Heu98]. **Quintuple** [Che92]. **quiver** [Kos07]. **Quotient** [HNVL90, Lo98b, Nie94a, Ple87, Sim90b, Mou05]. **Quotients** [LS00a, MBC+10, CMV13, FC04, IvH17, Kem22, Smo21].

R [Tri86]. **R.** [Gol01]. **Race** [AK92]. **Radar** [BG01]. **radial** [KMH89]. **radiation** [AP90]. **Radical** [CcK02, Kem02, Mat01a, SS11, Gol08, LLM+13, MWZ16, Sut12]. **radicality** [HT23, HT24b]. **Radicals** [FGT02, Höf01, Kal94, Zip85, EYZ21, Gir21, Har13, JFMRS12, Ryb03]. **radii** [BR10]. **Radu** [Smo21]. **RAM** [PH87]. **Ramanujan** [Gar95, Hem18, MSZ09, Rad15, Sil04]. **ramification** [Abr17b]. **Ramified** [Bru01, HM02a]. **Ramis** [AMDW16]. **Random** [BS90a, Car15, CF94, CR90, DPS16, Mul01, AP22]. **Randomized** [KT02]. **Range** [SO89]. **Rank** [FZ87, JPS13, Mat01b, Orl22, Qi06, ABK15, BBV22, BGI11, BR13b, BR25, BDPR13, BR13c, CP10, DPS17, DKLP21, GHL21a, GS23, GS24b, HNR24, LN13, Mos08, Nal18, Top14, WS23]. **rank-2** [CP10]. **rank-constrained** [Nal18]. **rank-metric** [GS23, GS24b]. **Rank-profile** [JPS13]. **ranked** [DE06]. **ranking** [GKO09]. **Ranks** [Sei20]. **rate** [HR11]. **Rational** [Ae02, AP04, ACOR00, AS01, Bar99, CE95, CGZ00, Czi95, DP24, DTGV01, DGW19, FS10, FS13, FGH08, FHL96, GC92, GK00, GO91, GO00, GS02, GLLZ23, GRS02, HH98, Hie16, HW24, HK07, Jef97, Kri85, LS01, Lim93, MS95, MM97, MC92, MF90, Mul97, MQS99, NW10, NW11, NY99, PP97, Pet10, PS95d, Sch98a, SGD97, WZ23, ZS01, van97a, van97c, Abb17, AP10, ABPS21, AK04, AK06, Alc08b, AHM18, AGR95, AE05, AF08, BC24a, BGI18, BD16, BC05, CW03, CCL05, CS05b, CWL08, CDWZ21, CJL13, CS16, CR19, CS21, DKS15, DHTY04, DHH+04, Doh09, DDL+23, FS12, FDS13, FG06, FM24, FG08, FL21, GLSV21, Gao03, GHLZ22, GSPB17, GEL05, Gri20, HJ18, JWG10, KLYZ12, Kön17, KPR10, KS21, KH23, KH24, LC16, LR90, LSS25, MS03a]. **rational** [MS21, OdR03, Píl07, PS95c, RSV09, Sek11, SPD14, SJG13, Tab11, VW08, VGW18, VL16, Wan04, ZX20, BLPR15, OK08]. **Rationalizability** [BF21]. **rationally** [AJGVS09]. **Ratliff** [Eli04, Gas21]. **rays** [BS17b]. **RC** [SM18]. **RC-constructibility** [SM18]. **RComp** [NP95]. **Reachability** [LPY01, SJ12]. **Reaction** [GH02, Gon17, Lic21, MS24]. **Reactions** [SME87]. **reactive** [SJ12]. **Real** [Arn88a, AM88a, ARE02, CR88, DH88, EH16, FB93, GVGC99, HNE16, Mee94, RS97, Ris88, RS90, Sch00, Str12, Tra98, XY02, Yan99, AMT09, AS05, AABdG21, AAKM21, ADCZ21, BELT21, BS17a, BHM+23, BE17, BJT22, BMS20, BS21, BVE21, BK12b, CMV13, CCG06, CLX+24, CGY09, CJL13, CJ15, CWZ23, CJP+24, Col15, Col16, Col17, DH07, DFdG13, DdG21, EYZ21, El 08, EGS23, EPY98, FGPT03, FGL04, FGP05, FGT15, Gal13a, GP20, KPT15, KSD16, LLM+13, MWZ16, MS15, MS16, MS11b, Mic13, PT16, PES24, Qi05, Ren17, Rio03, RSV09, SM16, Sek09, Sor22, ST19, VK21, WS23, Zen06]. **real-root** [BK12b]. **RealAlgebraic** [BX97]. **realizability** [GMW23]. **Realization** [KM00b, Led00a, Ous91]. **Realizations** [Nor95d]. **Realized** [Die92, Vei97]. **Reals** [Ren92a, Ren92b, Ren92c, DET09, LE22]. **reason** [Kap86]. **Reasoning** [ACGR01, CCM95, ET96, FGT95, FOT00,

KRV19, LS02, BKR19, CS05a]. **Recitations** [Zei95]. **recognisable** [GIL88, HKL24]. **Recognising** [Aur87]. **Recognition** [BP00, CC91, Tak92, Bro03]. **Recognize** [Ric97]. **Recognizing** [DFO13, LSY07, VL16]. **Reconstruction** [ABY90, Bon96, CE95, GLSV21, GMKP21, GLLZ23, WW94, Abb17, AB05, HV22]. **reconstructions** [BNT18]. **record** [Sal08]. **record-high** [Sal08]. **Recording** [DS96]. **Recovering** [GIJ14]. **recovery** [KY16, PS24]. **Rectangular** [Chi01, GZ89, EM98]. **Rectifying** [Jef97]. **Rectilinear** [Gün90]. **Recurrence** [CM93, Tak95, BF22]. **Recurrences** [Nor99, Pet92, Fox18, JPP23, MZ05]. **recurrencies** [KT25]. **recurrent** [Fox18, Mtn03]. **Recurring** [Sak88]. **Recursion** [Ful90, Pau86]. **Recursive** [HOS23, NP95, Rus87, BBF17, CDKW25, HZ19, hHL21, MS10]. **Recursively** [MG88, Tor93]. **REDUCE** [Sag89, BBB92, Fit85, LP90, Ng89, Nor95a, RT89, Sag88, SV92, dos89]. **REDUCE-Procedures** [SV92]. **Reduced** [FD14, GS98, Kon95, KM99, KM01, Lev00, Sny93, AMW12, EP10, MP04]. **Reducibility** [McC97, NOF10]. **Reducible** [Ber02, CS99, DW22, Ren17]. **Reducing** [AKL17, Gir21]. **Reduction** [BS24b, CvHKK18, CDKW25, Che18, DCC95, GL05, GHC92, Kid02, Nau98, OS04b, Poh87a, RS93, Sti87, Tak89, Wol02, AAFR09, BP09a, BELP13, BSW21a, BCL06, Bon05, CQ12, Con93, DJO+11, DFS11, HP91, HMZ21, JKKK20, LLW24, LY05, LWXZ23, MS03c, PWS+25, PS24, PR12, RZ09, Rei06, TV18, Vil25, WZ23, WZ12, OK08]. **Reduction-based** [BS24b, CvHKK18, CDKW25]. **reductions** [AB22, AH05, CMR19, ST20]. **reductive** [DH07]. **Redundancy** [BL00, Pic00, Tak91]. **Redundancy-elimination** [BL00]. **Redundancy-free** [Tak91]. **redundant** [KN11]. **Reed** [BB10, Key01, LO08]. **Rees** [BD15]. **Refined** [EMSS16, BSW21a, Sch08]. **Refinement** [Her94, PT16]. **refinements** [Mag17]. **refiners** [JPW19, JWW23]. **Reflection** [DR23a, KS18]. **Reflexive** [MAN+10, Lev21]. **Refutational** [Pau92b, Wal02a, Wal02b]. **Refutations** [CZ92, MOP15]. **region** [BGG13]. **Regions** [Fit89, GMF13, Gon17, MS24]. **regressions** [Drt06]. **Regular** [AF88, Bac94b, BP99a, HY23a, MN02, MM04b, NS90, Nip91, Wan00, Yel87, vdH01, Alc08b, BCE11, Bel03, BLPM19, CM16, DW21, HKL24, Joh15, KR22, Mon05, NWW21, Poz15, SH17b, Vat12, Wal05, Wei06]. **Regularity** [CCD+09, AHS21, BMNB+11, BGM06, Dum09, HH04]. **regularization** [STVvR24]. **regulatory** [HTX15]. **Rejection** [LT89]. **Related** [Hes02, Wal02a, Wal02b, CG23, Cla22, FMM07, Kau06, RW90]. **relating** [MGRR23, Smo21]. **Relation** [Dün94, Soc91, ACFP12, Coo09, FK09, HKL24, KLV10]. **relation-algebraic** [FK09]. **Relations** [BdS01, Com98c, Ful90, LM90, Mor13, MR02, Sak88, Tak95, BE22, BF22, CI07, HR19, JML+13, KZ08, Kos07, MAN+10, OS04b, Rei06, Ye17, Ye18, Zhe21]. **Relationship** [KR89]. **Relative** [AV00, Bel04, Dön13, Els17, ZW08]. **Relatively** [BL98a, BL98b]. **Relax** [vdH02]. **Relaxation** [CDM+13b, BM16b]. **relaxations** [MWZ16]. **Relaxed** [Leb15, vdH07d]. **reliability** [MdCW17, dCW09]. **relocation** [RW90]. **remainder** [CK90, Jar13]. **Remark** [IZ96]. **Remarks** [DS00, Hen90, SS98b, LOOR+03, LWX23]. **Removing** [BJ21]. **Renormalization** [BK99b, Cap90]. **reparametrization** [Tab11]. **Reparametrizations** [RS97, FOS25, MS14]. **Replacement** [BLG12]. **Representation** [CH96, Dra05, Drä01, HPS97, KH23, KH24, Lip93, MC92, Mic88, Mic90, NY99, OS24,

PPR13, SML91, BP25, BFG07, Bro03, BDM17, CS05b, CGG12, CF09b, FL04, Kud22, LMM05, MCMMPR14, Mor20, PS95d, XWL23, XWL24].
Representation-finite [Drä01].
Representations [Cla91, CFTY97, Die92, DV00, Drä01, DR86, FKTS12, Kal93, Let01, Lin91a, LO99, PW90, Pic00, PS97a, Püs02, Sch90a, dGN02, AABdG21, BG05, CHU19, DA05, Dey21, FGS09a, FS98, Fie04, HKL24, Kol08, Lab90, ME21, MM04b, Naw16, PV13, Pre06, Ryb90, BLPR15]. **representatives** [dG11]. **Representing** [KF01]. **Research** [Bos97, GP12]. **Residuals** [Höf01, Mur23, Mur24a]. **Residue** [MPS02, YNT92, ZSY93, Buc06a, FD18, Hul13, KKM15]. **residues** [Szi17].
residuosity [DF05]. **resilient** [PNM13].
Resolution [BF95, BL00, BS00, BS01, Gaá93b, GPP93, GP96a, Gaá02, OS92, PP91a, Rus91, Soc91, SS03a, AFdCS15, AHS21, DNV03, Pel03a, Pel03b, Pet87, RV03, dNdR03].
Resolution-based [BF95, SS03a].
Resolutions [LS98, Lam91, OT01, Sei02, AS24, Ell04, Gal16, Gal22, GS07b, HM05, dCW09].
Resolvents [AV00, Ren04]. **resource** [RV03]. **Respect** [PZ96, RZAG99, Wan94a, BK16, Lev07b].
respectively [Kra95]. **restricted** [GGEZ12, Oll88, Vat06]. **Restriction** [CC07, Fri89]. **Restrictions** [SO89, BMQS06]. **Result** [Bea92, Boy92, Pau92b, Bur03, KS16].
Resultant [BU99, BK16, CZG02, DE02, EC95, EP02, Gaá02, HM02b, MC93, Min02, CK04b, DE03, EM12, FC04, IMP17, Khe03, LYG15, Min03, MKF93, Pal13, PDS08, Rue11, SJG13].
resultant-based [PDS08]. **Resultants** [BEM00, CK04a, D'A01, HS06, HKSS17, McC99, Min06, BFSS06, BG05, BMT21, Chi01, CK03, EK11, Hil05a, Hil05b, JS07, JS18, OK08, QZYC22, RS10, RS11b, TUÖ05, YZ21]. **Results** [Lab95, Lug95, PP91b, AB92, PES24, Sch03b, TBS17].
Retention [Mil92b]. **Retraction** [AK06].
Retrieval [CE85]. **retrieving** [MCMMPR14]. **Revealing** [Gon17, JPS13].
Reverse [BT09, Sak21]. **reversible** [STDD16]. **Review** [Fat92]. **Revised** [BPT12, AP11b, AP17]. **Revisited** [NRS89, Pic98, Rus87, Sch90b, Tor93, Bec09, GS89, HY23b, IKGT11, Pom11, SG89].
Revisiting [CW03]. **Revolution** [CJ97].
Rewrite [Bir98, Com98a, Com98b, FJN93, Hsi87, Les92, CLS91, LA96, RV05].
rewrite-based [CLS91]. **Rewriting** [Ave86, BP85, Boo87, BH00, Der87b, Dur94, Ges97, GAO02, HKL99, HH94, Kah95, KKSd96, KM91, Lav91, Mar96a, Mar96b, Ohl95, OKK98, PY94, PP91b, Smo98, Sny93, Wer98, Wid01, You89, Zan95, Zha92, ABFS15, AR03, AB05, BGHW06, Bur03, Che18, Der87a, DS15, EW07, GL05, HK07, IT10, Kap87, NOF10, Wir09, Zan94].
Reynolds [ZGG23]. **Reznick** [ME21].
Rham [Wal00]. **RIA** [LLTPT+11]. **Riccati** [BTG02, LS01]. **Riccati-like** [LS01].
Riemann [BCI13, Chu99, GSST98, Hes02, HI94].
Right [Gre00a, La 17]. **rigid** [BELT21, BR13c, HJA17, Hub09b, SPZ10].
rigidity [STW18]. **Rigorous** [Mro96]. **Ring** [DHS98, Mil96, Pro00, Sne98, Zha90, Zha94, AP10, AP25a, AC19, Ber98a, BFH17, Buc06a, DF05, DGS10, EG21, GRV17, Mou05, Qi23, Qi24, Sch16, Sht88, TUÖ05, van93]. **ringed** [FG16]. **Rings** [Ano01e, Bec90, Bec93, BL93, BF01, Gie98, Göb95, GHS01, HNVL90, HS90, JL91, Kal94, Kal98, Kem96, LS00a, MR98, Mil96, ŌS94, Pri96, Sch90a, Sti87, Von98, Wid01, YNT92, AS24, AB92, ACMB19, BP24, BL06b, BM01, BU09, BJSS89, Bus09, CM17a, CdG09, CLQ10, EH21, EG21, ES11, FF17, FD14, FD18, GLS10, HH07, HM05,

Hul13, Jam11, Kin13, LL13, Mar19a, MRW17, Mor20, NP20, OS24, Pau07, Per04, PP17, PRR18, Rei06, ST20, Wei06]. **Rioboo** [Mul97]. **Riquier** [WRI09]. **Risch** [Bro90b]. **roadmaps** [PES24]. **Roberts** [NT21]. **Robot** [AI90, HS89, VGT90, KS04]. **robotics** [CES23]. **Robust** [BR15, DYA97, Sch93]. **robustness** [PGH+25]. **Roch** [Hes02, HI94]. **Rogers** [MSZ09, Sil04]. **Role** [CC01]. **roles** [GGdR+13]. **Root** [CGG12, Col01, EMT21, Koi19, Pan02, BS17a, BSSY18, BK12b, Bur16, CJ15, CWZ23, Col15, Col16, Col17, EH16, GG92, HNE16, HH16, HHT18, HLXL18, IM25, LJ09, MSW15, PS09, Sch06, Str12, ST19, XZ25]. **Root-finding** [Pan02]. **Roots** [BF91, BFHT85, For02, Mig92, Mig00, Mou98, MR02, Yan99, dM99, AS23, AHKY09, Ave09, BMS17, BF21, CLX+24, CGY09, Drt06, FDS13, Gal13b, GR11, Hon04, KO17, MMS23, MS11b, Mtn03, PT16, SM16, YYZ12, Zhe21]. **Rosenberger** [GJT13]. **Rosenfeld** [GKMO08]. **Rossi** [ASS13]. **rotation** [CS16, FS10, FS12, FS13, FDS13]. **rotation-minimizing** [CS16, FS10, FS12, FS13, FDS13]. **rotational** [OT87]. **Routines** [WBM99]. **row** [BELP13, BCL06]. **rows** [LY05]. **Roy** [Lec19]. **RRtools** [Sil04]. **Rubik** [KC09]. **rule** [CKKM10, Vis05]. **rule-based** [CKKM10, Vis05]. **ruled** [BEG09, CW03, Doh09, FGVN06, GLSV21, SPD14]. **Rules** [AB00a, Com98a, Lav91, Wan94a, dB89, Ber04, GGdR+13]. **Runge** [FPT04, PC98, Sof94]. **Rush** [Eli04, Gas21].

S [YW87]. **SACLIB** [HNS95]. **SACLIB/PACLIB** [HNS95]. **safety** [LCQ+10, MM10]. **SAGBI** [AHLM99, BR22, Gat03, Göb98, Nor02, TUÖ05, BC24b, Kha14]. **SAGBI-bases** [Gat03]. **SAGBI-Gröbner** [AHLM99]. **SAGE** [MRTV25]. **Sakata** [BF20]. **samba** [Hem18]. **same** [DZY22]. **sampling** [DPS16]. **Samuel** [ST20]. **Sandwich** [EW86]. **SAT** [BKG21, BKHG21]. **Satellite** [VV97, Pal13]. **Satisfaction** [LC96]. **Satisfiability** [Fer96, DEG+21, VB03]. **Satisfied** [FHR99]. **Satisfies** [JJ01]. **Sato** [Bah01, BO10, HLO22, Ley01, NOT18, UCJ04]. **saturated** [Pel03b]. **saturation** [DMY16]. **Saturations** [BR22]. **Scalable** [CG02]. **Scalar** [FDS13, BF20]. **Scalar-FGLM** [BF20]. **Scalar-vector** [FDS13]. **scale** [KC01]. **scaled** [EM12]. **Scales** [San96]. **Scene** [Cra91]. **Scheduling** [DHK+95, MG88, Tor93]. **Schemas** [BM00, FLOR00, FLB00, Fuc00b]. **Schemata** [AB00a]. **scheme** [BLR13, CS22, DH16, JLW13]. **Schemes** [GV99, Miy01, AKR05, Alu03, BCLR13, BCF19, Fer88, Guo20, KLZA12, MP04, Wib07]. **Schinzel** [SS90]. **Schlosser** [DT23]. **Schmidt** [Rei99]. **Schmidt-Kolchin** [Rei99]. **Schreier** [Sut16, DS12, DMW17, MO95, Ros93, Sut13]. **Schreier-Sims** [MO95]. **Schubert** [CFS24, CM21, HS17b, HSS98, Koh92, Vei97, ZD02]. **Schur** [EG21, GK16, Koh92, LP03, Pic98, Sau93, Sta23, Ung19]. **Schützenberger** [GMP13]. **Schwartz** [Hel16]. **science** [BBKK15, DK18, Kut10]. **Scientific** [CJ97, DR86]. **Scientist** [BCE+94]. **scope** [Wer12]. **scope-determined** [Wer12]. **SCSCP** [LHK+13]. **SDP** [LR23, LR24]. **Search** [CZ92, LT89, Rob88, UC98, BT09, Bec03, Bon05, BKHG21, JPW19, MH06]. **searches** [MSZ09]. **Searching** [SO89]. **seating** [SZ25]. **Second** [CTR99, Hen98, Hol85, Kov86, SV92, SU93a, SU93b, Ald23, Ald25, Arr16, CJP22, HYH04, IvH17, KT25, LL16, MW23, Mil93, MV15, Nak16, Bos01]. **Second-Order** [SV92, CTR99, Arr16, HYH04, KT25, LL16, MW23, MV15, Nak16]. **secrecy** [BD04]. **Sections** [GO00, OKK98]. **security**

[BGP09, KKK+16, LMA11, Ran12]. **security-aware** [Ran12]. **Seeley** [GK94]. **seemingly** [Drt06]. **Segre** [HT24b, Abo10, Har17, Hel16, HT23]. **Segre-driven** [HT24b, HT23]. **Selected** [CH85, CH86]. **Selecting** [Lia13a, MO95, PdRAEC24]. **selection** [Ebe19, HK25b, PZ12]. **Self** [BU14, Lub25, HK10]. **Self-dual** [BU14, HK10]. **Self-intersections** [Lub25]. **Semantic** [Wer98, vdH15]. **Semantics** [ABP96, Fis96, Har92, SAK89, AHH+05]. **Semi** [BG05, CR88, KKK+16, Liu19, Ren92a, Rup04, Sod96, XY02, Ald23, Bas06, BR10, CDM+13b, CDM+13a, HHS23, KBRV24, MS21, OS04a, PP25, WRI09]. **Semi-Algebraic** [CR88, Ren92a, XY02, Bas06, BR10, CDM+13b, CDM+13a, HHS23, KBRV24]. **Semi-automated** [KKK+16, Liu19]. **Semi-Automatic** [Sod96]. **semi-discretizations** [WRI09]. **Semi-implicit** [BG05]. **semi-invariants** [Ald23]. **Semi-numerical** [Rup04, MS21, PP25]. **semi-unification** [OS04a]. **Semialgebraic** [ADCZ21, Vor99]. **semidefinite** [AGS18a, GKMW21, GX04, HT24a, HNE21, MWZ16, Nal18]. **Semigroup** [Kon95, HM05]. **Semigroups** [CH91a, KM01, LM90, LPRR02, NÓ89, ABMN10, EENMP19, GGMFVT13, PCVT08]. **semilattice** [MJST22]. **semilinear** [DW07]. **semirings** [HKSS17, KL19, KL21, OS04b]. **Semisimple** [BR87, MM04b, OdR09]. **semisymmetric** [KLZA12]. **Semiunification** [DR92]. **sensitive** [CL07]. **sentence** [GTLN17]. **sentence-ambient** [GTLN17]. **separability** [GTLN17]. **separable** [EG04, MM04b]. **separated** [AGR95]. **Separating** [BLPR15, IdW15, Kem09]. **Separation** [Col01, Ded97, EMT20, KT90a, HHT18, Koi19, Sch06]. **September** [Ano23m, Ano24l]. **Septic** [Bru01]. **Sequence** [Nor95d, She92, BY23, ES11, HK25b, Kut07, SSS23, KLV10]. **Sequences** [LR01, NP95, NG93, Nor95c, ABvHP11, APZ20, AP25a, BGLGM17, BBF17, BE22, CK90, CELG04, CDKW25, CLM16, Gri22, HKL24, HZ19, hHL21, Jar13, JPNP23, KZ08, KMY24, Kuo06, MS10, Mtn03, MGRR23, Nor95b, RRS06, Tab24, VM14, XZ25]. **Sequent** [CCM95]. **Sequential** [Dur94, DGLM+24]. **Sequentiality** [KM91]. **Series** [ASJ97, Bec90, Bec93, CH97b, DD90, FH94, Kal02, Koe92, LW01, Ous91, SJA01, Sne98, Zei95, van97b, AU21, AB09, ABK15, Apé10, BBV15, Ber98a, BM04, BS22b, BS15, CK90, CI07, CFS22, CFRS23, CX09, GG25, HKL24, JSC13, Kra95, La 17, LPT20, LS16a, Liu19, MRW17, MJK17, MdCW17, PR12, SK12, WZ23, vdH07c, vdHL13]. **series-parallel** [BS22b]. **Serre** [CQ12, ES11, MGRR23]. **Server** [FKM95]. **service** [BCR15]. **services** [BPT11, Ran12]. **Set** [BCGR92, Bou97, GIM07, Hul99, JWG10, Ley01, LM94a, Mar96a, PH87, Pue89, Sak88, Sny93, Str01, Vor99, BV03, EGS23, GLY09, GVYZ09, GH12, HNE21, HcL21, Hub09a, LFD19, Win06]. **Set-theoretic** [GIM07, JWG10]. **Sets** [AM99, ALM99, BCGR92, CR88, EPW90, HH94, KNZ91, OPP93, Ren92a, SG89, ASS07, ADCZ21, Bas06, BR10, Bel03, BP23, BCvdHS11, BLM10, Bur04, CKR04, CDM+13b, Fas10, GS89, GS22, Gol06, HHS23, HRdWY22, HM09, HJS13, HL18, Hub19, JMV23, JLW13, Kin13, KBRV24, KW88, Leb15, LMS09, Nie03, Pel03b, PS13, PES24, Sch03b]. **Setting** [BTBQM00, LPS93]. **Several** [Arn95, DTGV02, GVGC99, CFRS23, EGB12, Lev07b, Nag25, Sau18, WY25]. **Sextactic** [SS24]. **Sextic** [Gaá95, GP96a, KH23, KH24]. **SFA** [Pro00]. **Shallow** [Wir09]. **Shanks** [KT04]. **shape** [AS07, Alc12]. **shaped** [BGG13]. **Shapes** [ERSG05]. **Shared** [GK96b, Sch91]. **sharing**

[DZY22]. **Sharp** [Bea92, BTW93, MZ05, BE17]. **Sheaf** [Bac99]. **Shift** [SS94]. **Shifted** [vzGM22, Shp14]. **Shifting** [Nie94b]. **shifts** [GKsL03]. **Shirshov** [BV06, Bok08, GSZ13, LG21, Mad14, ZGG23]. **Shoda** [BM16a]. **Short** [DHH+04, HV24, BB25, CF91b, FU17, GMMM17, HZ04, HZ15, LW03a, LW03b]. **Shortest** [Nor99, Rol90, VK16]. **shuffle** [BDM17]. **Sibirsky** [JLR03]. **sided** [SS96b, TA87]. **Sieve** [VM14, PZ12]. **sift** [QZYC22]. **Sign** [AZ90]. **signal** [JMPR04, Par04]. **Signature** [HV22, LWXZ25, Ede13, EF17, ELME23, Lai24, Mal21, MdCW17]. **Signature-based** [LWXZ25, Ede13, EF17, ELME23, Mal21]. **Signatures** [DR23b]. **Significant** [Tri86]. **silhouettes** [GLSV21]. **Similarity** [AHM18, GTLN16]. **Simó** [AMDW16]. **Simple** [BCE11, Bro01b, Gol01, HLM95, Pan94, SW95, Wan98, WW94, APS12, BE13, BLM22, BJT22, Eic10, LS16a, MS15, Mar19a, Píl07, RCK07, Wan04, XXZZ23]. **simplest** [YY03]. **simplex** [JP10]. **Simplicial** [BT94, CFS07, BGM15, GDR05, RdC13, DRN24]. **Simplicity** [Mic88]. **Simplification** [DS97, GDR05, Sch03a, Zip85, ARST09, BBK14, BVE21, GR98, HS98, Sto11]. **simplifications** [Bro12]. **simplified** [HJX16]. **Simplifies** [Chi08]. **simplify** [Ebe19]. **Simplifying** [KR22, Kap87]. **simply** [aZGS05]. **Sims** [MO95]. **Simulation** [MRS96, SS96a, Wei97, BCR15]. **Simultaneous** [CZ92, DFS11, GVGC99, GLLZ23, Ang24, BELP13, RS21b]. **sine** [GR98]. **sine-cosine** [GR98]. **Singer** [Man93a, MM97]. **Single** [Col04, EK11, GNP12, Bas06, BK15, EG15, FL11, NÁS+24]. **Single-factor** [Col04, GNP12]. **Single-lifting** [EK11]. **single-parametric** [FL11]. **Singular** [LW98, SF90, Vid99, AHS18, BSW21a, BP07, BCGY12, CWL08, CK12c, DLLP08c, HR17, KMYZ08, LLZ24, LZ12, MMS23, ST24b, WZ12, vdH13, BMS20, LMZ23, MS15, MS16]. **Singularities** [BGI18, BS00, JH21, vdH01, BJ21, BMS20, CGL07, CKLZ19, DS16, FGT15, FK04, GS05, MS15, MS16, PD07, RSV09, Sha12, SJG13]. **Singularity** [BS01, Cou22, MP89, NT21, WC12]. **singularly** [BM19]. **singularly-perturbed** [BM19]. **SIS** [BD87]. **six** [CC24]. **six-body** [CC24]. **Size** [Wol02, DP24, JMV23]. **skeletal** [Nie03]. **skeleton** [EFG16]. **skeletons** [HC12]. **Skew** [Gie98, HYG24, Koh92, LL13, BU09, BU14, CL17, Li10, NP20]. **Skew-Polynomial** [Gie98]. **Skew-polynomial-sparse** [HYG24]. **Slice** [Rou09]. **sliding** [GGM10]. **Slope** [Mil92b]. **SLRA** [Nag25]. **Smale** [CVY17]. **Small** [BK13, Bru01, DW18, Dün94, Gaá93a, Led00a, MSKO93, Mil87, DFS11, EGB12, Gau09, HR20, HY23b, KY16, KT04, MS11a, MPS16, MS24, NY04, Roo13, vzGMS10, vzGMS10]. **small-weight** [MPS16]. **Smallest** [Boy93b, MG94a]. **Smith** [BLS23, DSV01, GHL21b, LLW24, LWXZ23, Vil95, WWWX23, WY11]. **Smooth** [HHS23, Ahn08, AKS12, BJS04, DEPS11, EGS23, GP24, Gen22, GGEZ12, Lun16, PES24]. **smoothness** [BFK18]. **SMPs** [Wan96]. **Smullyan** [Sta89]. **social** [SZ25]. **Socle** [LW01]. **Socles** [CH97b]. **Software** [EW00, KF01, Sch94, Ang18, BBKK15, DK18, Ker17, Kut10, LHK+13]. **Software-component** [EW00]. **Solid** [Vor89]. **solitons** [AFMS23]. **Solomon** [BB10, BDPR13, LO08]. **Soluble** [Con90b, Gla88a, Gla88b, GS90, Höf01, Nie94a, Ple87, Sla01, CELG04]. **Solution** [BF91, CF89, CJ90, FGG+16, NS90, OT87, PV00, Sin91, Tra98, Wol00b, Zha96, ZWH11, AP08, AP25a, EG15, Har13, HJS13, HTZ04, Lem03, LST03, LZ12, Pra13, Sad25]. **Solutions** [AC01, BP99a, Bar99, Bro92,

Bro00, BEM97, CE85, Die92, FT95, Gaá93a, HH98, Hv95, KST93, Laz88, LS01, Man93a, Pet92, San96, Sin90, SU93b, Tun02, VRUW99, Vel00, XY02, YNT92, Zha95, dv96, van97b, AB09, ABvHP11, Abr17b, ABPS21, AHS18, BGH+04, BCE11, BJM17, BM19, BC24a, BS24a, BS22a, BD12, BR06b, CFS22, CFRS23, Cha14, Che23, CvH04, CS06, Cou18, DS86, FG06, FGH08, FSW10a, FSW10b, Fox18, GIM07, GG25, HL17, Heu06, HW24, IvH17, JPP23, Kal11, KT25, Mil93, MRV21, NW10, NW11, PDS03, Sau18, SvE14, SvE21, Tun09, Ulm03, VGW18, WK20, WZ12, vdH07c]. **Solvability** [AK00, Baj86, SSS02, Ngu09]. **Solvable** [EW02, LM94a, Püs02, Sim90a, Bor22, CM04, DFdG15, HY23a, KRW90, Kem22, MM16, Poz15, XL13]. **Solve** [EHR91, Mil87, BB10, Izu16, Kho08, KC09, LM94b, Wan06]. **Solver** [AF96, BVE21]. **Solvers** [KR94, BKG21]. **Solving** [AP89, AK92, Ald25, AGS18a, AP11a, AC04, AM99, ARE02, BPT25, BGK86, CZ92, CG23, CDS24, Com98b, Con93, Cza89, DCC95, DH00, Fit85, Fit97, Gaá00, GGM10, Gem94, GV88, HESV21, HS99, HJA97, KFK97, KFF88, Kov86, Kut07, Laz92b, LR07, LE22, Mas16, Maw88, Mil92b, MT01, MR02, Nal18, Pel97, PV02, RZ09, Roj99, RR08, Rou08, SME87, She92, Sit92, Sma96, SBB+89, Str00, Sza08, Wid01, BP11, BSW21b, CM10, DET09, ES18, GH12, HJX16, HcL21, Min98, MP09, MTV21, MS04, Mul04, PWS+25, Ros05, RSS10, Laz09]. **Some** [AB92, AP93, Bec90, BP11, BGK86, BF11, Cha00, CR90, DS00, DPS23, Eic10, FGP05, Hav91, Hen90, Key01, Lab95, LOOR+03, LLL19, LRW97, ML92, Meg90, Mic90, OT87, PP91b, Poz15, Ris88, RT89, Sal94, Wan94a, Wei94, Yam94, Zha92, AS24, BV06, BDE+21, DS18a, FRR06, GU21, MPS16, MJK17, MPSXD09, MS03b, PS21, SS03a, TZ21, Win14]. **SONC** [MW23, MRTV25, Pap23]. **Sorted** [Dom92, HS95, HKK98, MGS89, Smo98, Wer98, ARS10]. **Sorting** [Tra89, DJS18]. **SOS** [LV25]. **SP** [Vei97]. **Space** [ACM88, GO91, McC88, AP25a, Alc16, AS05, AHM18, CJL13, CS16, CJP+24, El 08, FS10, FS12, FS13, FGT09, FK09, JWG10, JWC+16, LSS25, MSS21, PS18b, PH11, Qi23, Qi24, RSV09, RSS13, SJG13, SS06, UY15, WK91]. **spaced** [Roc11]. **Spaces** [Cou00, GHS01, Hes02, AP08, BBV15, BJT22, CHL25, DH07, DPS16, HJS18, KL17a, LST03, Lou21, MV13, NNPZN19, Rin13, Sad25, Shp14]. **Spacetime** [Rd91]. **span** [ST24b]. **spans** [HJS18]. **Sparse** [DE02, DHK+95, DSV01, EC95, FM17, GH02, HM02b, Hua23, JS18, KY16, LS95, LYG15, Min02, MP11b, MF96, Roj99, AGT13, AGR16, AIRR12, BE17, EK11, GLsL09, HJS13, HM21, HG20, HYG24, HNRS21, KsL03, Mas16, MT20, Mul04, Nag25, PPR13, Sal08, YZ21, vdHL13]. **sparse-FGLM** [HNRS21]. **sparsest** [GKsL03]. **Sparsification** [EM98]. **spatial** [FG16, Far19, GLLdR19]. **Specht** [MRV21]. **Special** [Ano99c, Ano00b, Ano01c, Ano01d, Ano01e, AJ01, BDT22, BB93a, Bos01, BKR19, BBKK15, BK90, Buc92, Bür89, CFMMP10, CH97a, CELG04, CL00, Che85, CL23, DM09, DKM23, DDM15, EY21, ES13, FLB00, GSSST10, HHK+23, HSW97, Hon96, HL97, HTX15, JMPR04, JKP12, KM98, Ker17, KR97, MMY00, MNJ94, NSW16, PZ92, PS95a, Smo98, Tra07b, WS98, Yok17, Zha92, AJGVS09, BFSS06, GS03, KASW05, KH23, KH24, KT25, MMO18, Piq91, SS18, Sta16]. **Specializations** [Kal97a]. **specific** [BGG13]. **Specification** [Ott91, Smi93]. **Specifications** [AB99, CSS96, FD93, Pad96, PH87, WG94, BD04, NOF10, Tak93]. **spectrahedra** [BS17b, Vil23]. **Spectral** [Boy93c, AHKY09, DJ89, ES11, GDRV21, MGRR23, RRS06]. **Spectroscopy** [OT87]. **Speeding** [Pic00]. **Spencer** [MP89].

spheres [GMW23, Pet10]. **spherical** [DJ89]. **Spinor** [BG01]. **spirit** [Gir21]. **Spline** [BX97, DiP16, MV13]. **split** [GTLN17, KS12a, Roo13, SS88]. **Splitting** [Kut19, MS15, Pan96, DT06, FS23, HAGW12]. **Sporadic** [Gol01, HLM95]. **SqFreeEVAL** [BK12b]. **Square** [BFHT85, EH16, BF21, DHS22, HL17, HS17b, Nag21a, Sla07]. **square-free** [Nag21a, Sla07]. **Squarefree** [DTGV01, XWL23, XWL24, HOP06]. **Squares** [LSW01, AOW23, DP24, DR23a, DW18, FMM07, GKMW21, GS24a, GGEZ12, GIJ14, IdW15, KLYZ12, MES19]. **Stability** [GV99, HLS97, Kal97a, PC98, Sof96, WKB86, HTX15, SS05]. **Stabilizability** [YXL99]. **Stabilization** [SS98b]. **Stabilized** [PS24]. **stabilizer** [Eic02]. **Stable** [AFT08, BL98a, GLW99, BCLR13, CR11, HMS25, MP11a, Poz19, Qi23, Qi24]. **Stafford** [HS01, Ley04]. **Staged** [GMN22]. **staggered** [HM23]. **Standard** [BM88, Bec90, Bec93, CM21, Cla91, Cow92, EPP21, HH07, JL91, Lüb23, Mar08, MRW17, Pas86, BR88, FK04, GP96b, JP10, LWXZ25, NT17, NWW21, Str19, SD05]. **Stanley** [JV09]. **star** [BGG13]. **star-shaped** [BGG13]. **Stars** [Sof96]. **State** [FK09, Vor89, BM88, Nor15, dCW09]. **states** [BDE+21, CCG25, Gon17, Lic21]. **Static** [HGKV11]. **stationary** [AR06]. **statistics** [BD17]. **steady** [BDE+21, CCG25, Gon17, Lic21]. **steady-states** [CCG25]. **Steiner** [BH87, WC12]. **step** [BS18, BdlCRLS19, LLZ24]. **Steps** [Wir12, HRdWY22]. **stereo** [LMM05]. **stereo-isomers** [LMM05]. **Stickelberger** [Sch10]. **Stictenoth** [DS09]. **Stiefel** [ASS20]. **stiffness** [Loj13]. **Stirling** [CJP22, Kau07]. **STO** [AvW94, KP99]. **STO-problem** [AvW94]. **stochastic** [AGS18a, CFSGL21]. **storage** [PNM13]. **Story** [MN89]. **straight** [AGR16, HG20, JS07, JS18]. **straight-line** [AGR16, HG20, JS07, JS18]. **Straightening** [MW91]. **Strands** [Bur01]. **Strassen** [CH17]. **Strassen-like** [CH17]. **Strategies** [LS98, Ant05, Bon05, GL05, LGS90, RV05, Vis05]. **Strategy** [AT96, BGK96, Sod96, RV03]. **Strategy-Accurate** [AT96]. **Stratification** [Alc16, LMP89, NN10, Ric99, Wal05]. **stratifications** [Wal03]. **Stratified** [DNV03, YP91, vdPT15]. **Stream** [LT22, BGP09]. **Stream/block** [LT22]. **Strict** [BBV22, Str00, CCG06, FK11]. **Strictly** [LV25]. **String** [Bir98, BGHW06, OKK98, Zha92]. **String-Rewriting** [OKK98, Zha92]. **Strings** [Sim91]. **Strong** [ABL93, Arn95, BB00, Fri89, YXL99, BM16a, CF91b, DW21]. **Stronger** [GMP22]. **Strongly** [Dur94, Hag89b, Per04, BCLR13, CR11, DMW17, LLL13]. **Structural** [BS22b, Cra91, TL96, CHU19, Rap06]. **Structure** [Bro07, BDM17, Egl96, EP02, GC93, LRD00, PG86, Rón90, Tes99, Yan98, AC04, DH07, GMN22, HMS17, HY21, LZ12, LXZZ23, LR98, MS16, Mou05, RS19, Rua09]. **Structure-Preserving** [Egl96]. **Structured** [Sod96, BNN17, BE22]. **Structures** [AB99, DR86, FS95, Lia13b, Rob86, Wal02a, Wal02b, HOS23, Loj13, MM88, Nie03, Rei06]. **Students** [Bos97]. **Study** [AGMT98, BB92, PH87, SV92, BR12, BEG09, DP19, EH16, KLR93, KD90, PdRAEC24]. **studying** [AB22, FK04]. **stuffle** [BDM17]. **Sturm** [Moe05, ZX20]. **style** [MBL21]. **Sub** [GV88, Sau93, LNP+21]. **Sub-Exponential** [GV88]. **sub-linear** [LNP+21]. **Sub-Transforms** [Sau93]. **subalgebra** [Kha14]. **subalgebras** [AGSM17, BR22, DFdG13, Roo13, SY25]. **Subanalytic** [ABvHP11]. **subbilateral** [NP20]. **Subdivision** [MP09, BS17a, BSSY18, BCGY12, BGT20, PWS+25].

Subexponential [CDO97]. **Subfield** [GP96a]. **Subfields** [CFM96, Dab97a, Gaá00, KP97a, Dab97b, EK19, KP97b, SvH19, vHKN13]. **subgoal** [Bon05]. **subgoal-reduction** [Bon05]. **Subgroup** [HH99]. **Subgroups** [BC91, CCH97, CCH01, Chu99, EW02, Gla88b, Hul99, BJT22, BC89, CH04, CHSS05, FG08, Hel00, LMP19, Lüb23]. **submatrices** [Koz23]. **Submodule** [vH25, LMR94]. **submodules** [BL12, DMY16]. **submonoids** [GGMAMF19]. **subnormality** [Mur23, Mur24a]. **subprogram** [MM10]. **Subquadratic** [Tho02]. **Subresultant** [She92, El 05, Lec19, Sza08]. **Subresultants** [Apé10, BKSV20, DJ05, DKS15, HY96, Hon97b, LRD00, Mul97, Vil95, WY25, DHKS07, El 03, LP03, PR22, PB07, RS11a, RS20]. **Subring** [Sne98]. **Subroutines** [SR86]. **subsequences** [BP23]. **Subset** [NU18, CLS91]. **subsets** [Mic13]. **subspaces** [AH13, vzGGZ21]. **Substitute** [Sim91]. **substitution** [DFS11, Har09]. **Substitutions** [Ede85, KFK97]. **Substring** [Rob88]. **Subsumption** [DR92]. **subsystems** [DHS22]. **Subterms** [Rus87]. **subtractive** [BLV18]. **Subtyping** [DT95]. **subvariance** [Bel03]. **subvarieties** [KS12a]. **Sum** [AP93, GS24a, LSW01, AHKY09, GIJ14, JPP23, MES19, NU18, Pap23]. **Sum-of-squares** [GS24a]. **SumCracker** [Kau06]. **summands** [ASS20]. **Summation** [BK99a, Kar85, Kau07, Koe95, MS95, Pau95, Sch17b, ACGL04, BKSS12, BS24b, PS95c, PS95d, Rie03, Sch08, Sch16, vdH07b]. **Summations** [Man93b, Wan94a]. **Sums** [GO90, Tak95, BLS17, CM09, DHKS07, DHKS09, DKS15, DP24, DR23a, DMN17, FW15, GKMW21, GMKP21, GGEZ12, IdW15, KLYZ12, Kau06, Kra95, KS12c, LP03, Liu19, MV10, Naw16, PS25, RS11a, RS20, XW20]. **sums-of-squares** [DP24, GKMW21, KLYZ12]. **Super** [Ges92, BP09a]. **super-reduction** [BP09a]. **Superalgebras** [GK96a, Kol08]. **supercongruence** [Mao21]. **supercongruences** [HMZ21, Liu19]. **Superfluous** [Bec93]. **Superposition** [GN04, Rus91]. **Superpositions** [KMN88, SK91]. **superscalar** [VB03]. **supersingular** [Pie24]. **supersymmetric** [Qi05, Qi06]. **Supersymmetry** [dos89]. **Support** [Nor95a, AJGVS09, ÀL06, EM12, Mon05, dC10]. **supported** [AJGVS09, Bih15]. **supporting** [ASS13]. **Supports** [EMS00]. **Surface** [GKLM91, WW94, AMT09, BNT18, CW03, CCL05, CR19, DMR12, DZ09, FGL04, Sch03a, SS05]. **Surfaces** [AS01, BX97, CGZ00, D'A01, DS00, FHL96, FKM95, GSST98, GV97, LSW01, MC92, PP97, Rie93, Sch00, AHW05, AKS12, AJGVS09, ASS07, Alc08b, BBV15, BCI13, Bec09, BLT22, Bri06, BG05, BEG09, Doh09, FG16, FGVN06, FGPT03, FGT15, GLSV21, GS07a, GSHPBS12, GSPB17, GEL05, GP13, HS09, HC12, LC16, Lub14, Lub25, Par22, PDS03, PDS08, Pet10, PP25, RSTV16, Sch98a, Sei20, SPD14, SJS06, VL16, Wan04, WC12, WG18, dGPS09]. **surjective** [SS88]. **Surprising** [Ber93]. **Surprisingly** [SW95]. **Survey** [KS98, vzGP01, EF17, Top14, Vis05]. **Suslin** [LS00a, LY05]. **suspension** [KLR93]. **Suzuki** [Kos07]. **swarm** [Loj13]. **Sweeping** [NS90]. **Sweeping-plane** [NS90]. **swell** [NPD09]. **swung** [RSTV16]. **syllogistic** [CGO88]. **Sylow** [BC89, BC91, CCH97, FF17, LMP19]. **Sylvester** [BST16, CK04b, DHKS07, DHKS09, DKS15, KS12c, LP03, LR01, Mul01, RS11a, RS20]. **Sylvester-Habicht** [LR01]. **Sylvester-type** [CK04b]. **Symb** [AP17, BR25, HZ15, HdC16, KMR18]. **Symbol** [ES98, Sha90b, Tri86]. **Symbolic** [ASJ97, AP04, AK06, Ano01b, Ano02c, AB89, BGH$^+$04, Bar13, BFK02, BB92,

BFG+25, BCGR92, Bur92, Car99, CV00, CL00, CCM95, CS09, CD87, CN07, Cuy97, DHM11, DK18, DEG+21, DT95, DR86, Edi85, Eis90, EY21, EC87, EP02, FPT04, FS13, Fer06a, Fit89, Gar95, GLsL09, GH97, GL92, GK94, HMN06, Hen90, HJM94, Her94, Hil05b, HJA97, Hon96, HP08, Hug90, Kal90, Kal00, KT94, KR94, KL98b, KS04, KL90, Kri85, Kut10, LPY01, LL16, LFD19, Lic21, LLL13, MJK17, MHXD09, Mro96, NSW16, NS90, NR97, Nor95b, Ore11, Par04, PSZ91, Pau95, PS95a, PdRAEC24, PH11, RT85, Roq13, RS11b, Sag89, SS98a, SS99, SJA01, Sau18, Sav90, SME87, SW91a, Sha12, She97b, Sod96, Sof94, SBB+89, Tra98, TL96, UYSA89, VGT90, Vor89]. **Symbolic** [WS98, Wol00a, XL13, Yap90, Yok17, Zha96, dv96, ACGL04, ACS13, BBK14, BD87, BGL14, BKSS12, BBKK15, CC24, DM09, DZY22, EG21, ES13, ERSG05, Fox18, GS03, Gue18, HKP+06, JMV18, Kau06, LHK+13, MPH17, MSY21, MPT20, MP04, MKF93, Naw16, PT14, Piq91, PNM13, RS21a, RZ09, Ros05, Sch08, Sch16, Wan86, WZ12, Ye17, YW87, vdH07a, Buc92, CL23, JKP12, PZ92]. **Symbolic-Numeric** [KL98b, BFG+25, RZ09, WZ12]. **Symbolic-Numerical** [Tra98, MPH17]. **Symbolically** [Mil93, DES07, Maw88]. **symbols** [Nak06, NOF10]. **Symmetric** [Cla91, CH96, CF09b, Hel00, KL19, KL21, KKL92, MRV21, MRTV25, PB07, Pro00, Ste95, BS18, BGI11, BR09b, BDM+16, BK16, Cha14, Cla21, DH07, GMF13, KS16, Koz23, Mad14, MS03b, NPP17, Poz24, RS20, Sei20, SvE21, Ste13, WS23, WY20]. **SYMMETRICA** [KKL92]. **symmetrically** [BFMS87]. **Symmetries** [CV00, Hem02, MC97, SV92, BN04, CGK09, FK89, HJ18]. **symmetrising** [BCCK20]. **symmetrization** [Hub19]. **Symmetrized** [Ryb01]. **Symmetrizing** [CIM17]. **Symmetry** [BH23, EP04, LP02, BH21, Hie16, JKKK20, Met25, SY25]. **Symmetry-based** [EP04]. **symplectic** [BKW20, BP25]. **symplectically** [BR13c]. **Syntactical** [Bur01]. **syntax** [SR07, SP10]. **Synthesis** [CM93, DR93, DJ15, FB93, FD93, FLOR00, PMW93, Tra89, DJS18, EH16, PUK+25, QHL+13, ST89a, STDD16]. **Synthetic** [SW91b]. **System** [AK92, AGM97, BP99a, Ber93, BCGR92, CP97, Ded97, Die92, Dün94, EC87, GP96b, HS95, Hen90, Jir97, KKL92, Laz09, MM00, Mil87, MT01, MR02, PMW93, Pro00, RST01, San95, Sch94, Tra98, Tri86, Vei97, BV03, BD87, BS24a, Bed07, Bed09, BCP97, Bur03, BK16, DJ07, ELME23, ES18, GG92, KSW13a, Khe03, Lem03, Mas16, MT88, MS04, Mul04, PS09, dCW09, Sid93, SH17b, Wan86]. **Systematic** [DH00, Cox19]. **Systems** [Ano96, ACGR01, AM99, ARE02, Ave86, BP85, BC01, Bar99, Bir98, BF91, BGK86, Boo87, BEM97, BH00, Che92, CD00, CK99, CCM95, Com98a, Com98b, DT95, DHK+95, Dur94, Ebe01, EG15, Fit89, FJN93, GV99, GC93, GLW99, GH02, Gem94, GZ90, Ges97, GH97, GV88, Har92, HKL99, HH94, HLS01b, HH99, Kah95, KS98, Kem99, KM91, KFF88, KF01, Laz92b, LA96, LS02, LP02, MSKO93, Mat01b, MT93, Mid94, Nau98, Nie94b, Ohl95, OKK98, Ous91, Roj99, SS96a, Sch85, Sit92, Sny93, Str00, TL96, UYSA89, Vor92, Wan91, Wan93, Wan98, Wan99, Wan00, Wol02, XY02, Yap91, YXL99, YNT92, You89, Zei95, Zha92, ZSY93, Zha93, AP08, ABK15, Abr17b, AHS18, Ang15, AMW12, BGLHR12, BP09a, BCE11, BE13, BELP13, BJM17, BM19, BSW21a]. **systems** [BJ21, BNN17, BW05, Ber98b, Bih15, BPH07, BR13c, BS22b, BLPR15, BKG21, BGHW06, BR06b, CFRS23, CES23, CS05a, CJP22, CDS24, CM10, CM12, CDM+13a, CM17b, CKLZ19, Che18, CGY09, CGG12, CJ15, CWZ23, CK03, CK04a, CQ12, CGK09, CDSS09, DJO+11, DET09, DHS22, Dum09, EYZ21, EM12, EMT20, EMT21,

EW07, FEV16, FLE+23, GLY09, GVYZ09, GLLdR19, GLLdR21, GES05, GV16, GPGO16, GMP22, GDRV21, HBN95, HR12, HT91, HMS25, HL17, HESV21, HOP06, HJS13, HTX15, HKYY18, HcL21, HY23b, Hub19, JLR03, KS06, Kap87, KKM15, LMA11, LR07, LE22, LLZ24, LST03, Li04, LW12, Lin18, LR98, LH17, MM09, MS21, MPT20, MGRR23, MW10, MS03b, MTV21, MRV21, NOT18, NOF10, NW11, PWS+25, Pom11, RH18, RZ09, SLK11, SLX+13, SPZ10, STW18, Str11, Sza08]. **systems** [TM85, Ver24, Vis05, Wan06, Wan18, Wir09, Wol03, WZ12, XWL23, XWL24, YW87]. **Syzygies** [BS88, DS16, HNR24, WG18, AHW05, BDM23, BD16, EMSS16, HV22, Möl88, RR05, Wol03, Hub09a]. **Syzygy** [HT17]. **Sz** [Kos07].

Table [Sch90b, Ber04, BDE+16, TV18, Ung06]. **Tableau** [AGRZ99, AB01, Fuc00a, MGL00]. **Tableaux** [Cla91, Wil95, Bec03, CIM17, CM21]. **tables** [Cha25, DO06, Gal13a]. **Tactics** [ACGR01]. **Tame** [Zie16, von90a, Sch05, Wen06]. **Tamely** [HM02a]. **Tameness** [NNPZN19]. **Tangent** [GOT05, Nak16]. **tangents** [CK12d, Zen06]. **Tarski** [Bro12, Gri88, KBRV24]. **Tate** [HLO22]. **Taxonomies** [QSGB19]. **Taylor** [Sei02, Ye17]. **Teach** [Bos97, Mon97]. **Teaching** [Kal97b]. **technical** [SWF11]. **Technique** [FF92, AG91, JKKK20, LOOR+03, PNM13, YY03]. **Techniques** [AB00b, ABM+23, BGH93, BS01, BTBQM00, CP00, CE96, Mil87, Mil92b, BCvdHS11, CDM+13b, DJS18, DP09, Dur09, FGPGP14, GDR05, HESV21, HNRS21, MV13]. **Technology** [GGAVRC13]. **telescopers** [CCF+15, CDWZ21, KY15]. **Telescoping** [ACGL04, Zei91, BS24b, CK12a, CvHKK18, CDKW25, GHLZ22, PS25, vH25]. **Temporal** [AM89, Ano96, CSS96, ET96, FT97, Fis96, Frü96, GP96b, LO96, MRS96]. **Ten** [Sto11]. **Tensor** [Bac94a, BG01, KMM22, Ryb01, DRN24, BBCM13, BMT21, PKP24, PRR18, Qi05, Qi06, ST24b]. **tensor-product** [BMT21]. **tensors** [BGI11, HHLQ13, MMS18, OO13, PKP24, SSV23, WS23]. **Term** [Ave86, BGK96, CMR15, Dur94, Fit97, FJN93, Ges97, HH94, Kah95, KM91, Lav91, MGL00, Ohl95, PZ96, PY94, PP91b, PS93, You89, Zan95, BY23, GG92, Hre06, Kap87, LLW03, NOF10, PUK+25, Tra07a, Wir09, Zan94]. **Term-ordering** [CMR15]. **Term-Rewriting** [Kah95]. **Terminating** [Ges97, BSW21b]. **Termination** [BP85, Der87a, Der87b, Ges97, GAO02, XZ10, Zan94, Zan95, KsL03, Kap87, MU04, MO21, XL13]. **Terms** [Ae02, BN01, Boy93a, Boy93b, Che85, HS99, Kar85, MS00a, Pel97, AP04, Ald25, Bad06, Cha14, CCF+15, CK19, DS15, KY15, KS19, WK20]. **ternary** [BS17b, Vil23]. **Terrains** [CS89]. **tessellation** [HS09]. **Test** [Bou97, HH94, KNZ91, Mon92, Sed02, Adl16, BSSY18, BFK18, CF91b, GTLN16, KK17, MP04, vdHS06]. **Testing** [BW87, HLS97, Kal85, Kal87, McC97, O'B93, O'B94, RR90b, CH03, Gal87, GRV17, HT23, HT24b, Kal90, Mic13, Shp14]. **Tests** [BB00, Car01, BGT20]. **tetrahedra** [DZY22, Tsa16]. **Tetrahedral** [Her94]. **Tetrahedrizing** [EPW90]. **th** [BY23, XZ25]. **Their** [Bro92, Fuc00b, GSST98, KT90a, Zip90, Ald23, BP09a, BCE11, BE13, BP25, BBRS24, BM01, Bro00, Bro03, CV11, FS16, GLSV21, GR11, HH07, HKL24, LLL19, LWXZ23, Lüb23, MBC+10, MS03b, Naw16, PZ96, Piq91, PSV11, PWZ18, Sch17a, TS24, WRI09, dG09]. **Them** [Mon97, BB10]. **Theorem** [AGMT98, AL10, Ano00b, AB00b, BF95, BZ03, BT98, Bon96, Bou97, CR90, FT97, FD14, GC93, HS01, Hsi87, JL91, LS00a, LRD00, LBM98, ML92, MR87, NSW85, NR95, Pad96, Pet00, Pue89, Rus91,

Soc91, ST89b, Wal02a, Wal02b, Wei94, Wil95, Zha94, AMDW16, AHL03, Bon05, BB25, BLPM19, CIL07, CFS24, FGLH+23, IKGT11, KS86, OB03, PSS12, PS95e, RV03, Ric91, Sid93, VK21, ZX20, CPR09, CPR11, GS23, GS24b, Sch10]. **Theorem-Prover** [ST89b]. **Theorem-proving** [Rus91, Bon05]. **Theorema** [Win06]. **Theorems** [CJUE01, DTGV02, Bro07, HdC13, HdC16, Ley04, LW03a, LW03b]. **Theoretic** [Cra91, Laz92a, PH87, GIM07, Har14, JWG10]. **Theoretical** [Gre95, BBC+11, GVHHUE05, SA89]. **Theories** [ALM99, Baa89, BS96, BS86, BHSS89, Gar95, JM95, KR91, NR97, Pet00, SS89a, SS89b, Tha93, Tre92, Yel87, DKM21, Fer98, LM94b, TRRK10]. **Theory** [Ape98, AB89, BE10, Bos01, Bos97, CH85, CH86, Cow92, DTL10, DS02, EM99, FJN93, GG99, Hsi87, Kar85, Leo91, MMY00, Mic90, MR87, Pau86, Ren92a, Ren92b, Ren92c, Rob86, SS96b, Sch17b, She97a, Sie89, Sof96, YX95, vdP99, AU21, AKL17, BM88, BVE21, CFMMP10, CM17a, CM21, Col05, DEPS11, DT06, Dra05, El 03, FS23, Fre13, GH05b, GES05, Giu88, HT91, HS21a, HOS23, HLSS15, Hir89, HHLQ13, Kem16, KKK17, KD90, Lai24, LS24, Li04, LMS09, Li10, Mer10, MS03b, Mor91, NP20, Per04, PWZ18, Sch07, Sch08, Sch16, SS03a, Win06, vdP05]. **thesis** [Buc06a, Buc06b]. **Theta** [Pie24, Ye17, Ye18]. **Third** [Nak16, SU93a, SU93b, SW97b, Ulm03, WK20]. **Third-order** [Nak16, WK20]. **Thirty** [Laz09]. **Thom** [CR88]. **Thomas** [BGLHR12, HPT02, Heu06]. **Those** [BCE+94]. **thousand** [Rou08]. **thousand-digit** [Rou08]. **Threaded** [BGK96]. **Three** [ACM88, Bur01, EPW90, McC88, SS92, Sha90b, VRUW99, Zei95, BDPR13, CDWZ21, Cou22, DO06, Eng10, FS16, LSS25, Nor15]. **Three-Dimensional** [ACM88, McC88]. **three-state** [Nor15]. **three-way** [DO06]. **threefolds** [Hie16]. **threshold** [HT17]. **Thue** [Boo87, Heu98, HPT02, HTZ04, Heu06, Pet87, Yap91]. **Tietze** [Rob88]. **tight** [HJS18]. **Time** [AV96, ACOR00, Chi96, CKS99, Dic92, FB93, GV88, LO96, PS18b, Sed02, YNT94, AM88a, Bas06, BFG+25, Ber98a, Cla21, CK12b, Col17, FG06, HLN+21, MM16, Mur23, Mur24a, RH18]. **Timed** [SJG96]. **Todd** [CLW95]. **tolerant** [Abb17]. **Too** [vdH02]. **tool** [FK04, GMMM17, Pra13]. **toolbox** [BD17, BKRW17]. **Tools** [CH95, GVGC99]. **top** [MBL21]. **top-down** [MBL21]. **Topics** [Hes02]. **Topological** [AM88a, CGP23, BD17, FGT15, GS22, Hel16]. **topologically** [Lou21]. **Topology** [CR88, El 08, HPRS11, Ric92a, AS05, CJP+24, FGPT03, FGL04, GDR05, IMP17, KRTZ23, KS12b, Ker17]. **topos** [Hir89, Nie03]. **toral** [Roo13]. **tori** [Gal16, PY05]. **Toric** [CV11, CM97, CDSS09, EMS00, GES05, Sop13, STVvR24, Ver00, ABB+19, ATY08, AT08, BGMSG07, BGM15, BE11, BR15, BK13, CM21, CC07, DHH+04, EGW09, GMN22, GMS09, Lun16, Mur24b, Nor15, OK08, RS16, Rua09, SS06, VJ07, BLR99]. **Torsion** [dGN02, CE19, FG08]. **Torsion-free** [dGN02, CE19]. **Total** [Zan95]. **Totally** [Gaá95, Ges97]. **tower** [CCQ18, DS09]. **Towers** [HM02a, DS12]. **Trace** [MMW11, BCCK20, FMTT13]. **Trace-based** [MMW11]. **traces** [JFMRS12]. **Tracking** [vKT93, HL16]. **tractability** [GSSST10]. **Tractable** [HYH04]. **Trading** [CK12a, vdH10]. **Trager** [Mul97]. **trajectory** [Pal13]. **transcendence** [BDM17]. **Transcendental** [Kno92, Kno93, Bro90b, Gue18, MW12, Raa12, Str11]. **Transducer** [Du 99]. **transform** [AK04, AK06, Cox22, FK11, KS16, RH18]. **Transformation** [LM90, LPRR02, YI94, dB89, BGL14, GKO09, SLK11, Vis05]. **Transformations** [BB93b, CD87, Jef97, Rob88, She97b, SG89, Bil11, Deu93, GS89,

Nak16, Pra13, Sta16, WyW93, WS09]. **Transforming** [BR12, LW12]. **Transforms** [Sau93, CM04, Cla21, Cox21b, Har14]. **Transitive** [But93, CC91, KM00b, Roy87, RP89, Cla22, Els12, HR20, Hul05, MAN+10, PSV13]. **Transitivity** [ABL93, BW22]. **Translation** [Boy92, PH87, PG86, Buc06b, Lev21]. **translational** [WG18]. **Translations** [Egl96]. **transportation** [BR06a]. **transseries** [vdH11]. **transversal** [Eit94]. **Treatment** [Yap90, Izu16, Sag88, Sag89, Sch07]. **Tree** [BH87, Ger06, KFK97, LM94b, RR90a, RV05, Sod96, DG20, GR10, GMN22, HJA17, Qi23, Qi24, Wil93]. **tree-based** [Qi23, Qi24]. **tree-decomposable** [HJA17]. **Tree-Structured** [Sod96]. **Trees** [GL92, Lab92, Pue89, CFS07, Coo09, DV21, DJS18, KMY24, Vat06]. **Triangular** [Ang15, AM99, ALM99, CDM+13a, GSSV12, Kal93, Sta18, Wan00, ABM+23, BCvdHS11, CM12, CGY09, DKLP21, GPGO16, LPR17, Leb15, LMS09, MRSW07, MBL21, MV13, PS13, Sch03b]. **triangulation** [AMT09]. **Trigonometric** [GHC92, Jef97, PS00, CL20, CLX+24, HS98, MJK17, Met25]. **trigonometric-polynomial** [CL20, CLX+24]. **trinomials** [KO17, Koi19]. **Triple** [HLM95]. **triples** [GJT13]. **trivial** [GHL21b]. **Trivializing** [Pí07]. **Tropical** [AV11, GKS12, Gri23, AFMS23, AGS18b, BBRS24, BJS+07, Coo09, DV21, FGLH+23, GP24, GK16, Gri20, Gri22, GR22, HJS18, KL19, LM20, Ren17, Rin13, The06, Vac18, VVY21]. **Tropicalization** [WY20]. **true** [AGS18b]. **Truncated** [MTV21, Cox22]. **Truth** [BDE+16]. **Trying** [She97a]. **Tsun** [GK12a]. **Tubular** [Sch00, RSTV16]. **tuples** [ST24b]. **Tutorial** [Bie85, CFG+86, Ant10]. **Twelve** [Roy87]. **twenty** [KKS25]. **twenty-vertex** [KKS25]. **Twin** [Abb12]. **Twin-float** [Abb12]. **Twists** [KT02]. **Two** [BL98b, BFHS92, BS01, BGS11, CS22, Chu99, CD87, CJMP97, EW86, Fit89, FMR04, LSW01, Laz85, Laz88, LLZ24, Lev99, PV02, Rut93, Sak88, SS98a, SSS02, Tay02, Vid99, Wid01, ACMB19, Apé10, ASS20, BDM23, BGM06, BFMS87, BM10, Brå24, Cox21a, Cox21b, FGVN06, GVHHUE05, GG92, GIJ14, HT17, HQS19, HSV08, JWC+16, KLZA12, KP15, Ley04, Lub25, Nor15, PY05, Pet10, PT98, Ros05, SS90, Sto20]. **two-body** [PY05]. **two-bridge** [KP15]. **Two-Dimensional** [Sak88, FMR04, ACMB19, HSV08, SS90]. **two-parameter** [Pet10]. **two-parametric** [PT98]. **Two-Phase** [Fit89]. **two-point** [Ros05]. **Two-step** [LLZ24]. **two-variable** [HT17]. **Type** [AM88a, BP99b, CH85, CH86, DS00, Gaá02, Har92, HRT01, Pau86, San95, YX95, BL06b, CK04b, CLS91, CO94, CO96, DGKR25, EK11, GMP13, GSZ13, HJ15, Hir89, KRW90, KK09, Lev21, Sil04, Tab24, Zan94, dG01]. **Typed** [Hag89b, HKK98]. **Types** [MMO94, MdCW17, CS16, CGP23, EL12, GP20].

UML [BPT11]. **Unavoidable** [Pue89]. **Unbounded** [Meg90, PES24]. **Uncurried** [KKSd96]. **Undecidability** [Tre92]. **Undecidable** [Ges97, Ott91, SS89b, Zan95]. **Undergraduates** [She97a]. **Unexpected** [Szp22]. **Unfold** [BB93b]. **unfoldings** [AK86]. **Unification** [AK92, Baa89, BS96, BN01, BO99, BZ93, BS86, BJSS89, Bou93, BHSS89, Bür89, Dom92, Fag87, For87b, IZ96, KFK97, KR89, LC89, MN89, MGS89, Mil92a, Pau92b, SS89a, SS89b, SS96b, Sie89, SAK89, TA87, Yel87, BL06b, Con93, DJ92, GS89, GGSST10, Kap87, Le 89, OS04a, SSS05, SSSK18, SG89, KLV10]. **Unifications** [Ede85]. **Unified** [CK99, Bon05, Cla22, MM88]. **uniform** [Guo20, OS04a]. **uniformity** [MP04]. **unifying** [Bel03]. **Unimodal** [BMS20, MS16]. **unimodular** [LY05, SS06]. **Union** [BS96, Ore01, Gen22]. **unions**

[Pis04]. **unique** [MS11a, VK16]. **Uniqueness** [Bec93]. **Unirational** [BEM00, FL21, GS06]. **Unit** [CDO97, SS96b, Sma96, Zha93, CVZ21, VV18]. **Unitals** [Key01]. **Unitary** [Tha93, GR12]. **Univariate** [BLPR15, CE96, DTGV01, DTGV02, For02, KL98a, Mon92, NY99, OK08, Pan02, SvE14, ST19, TCT23, CGG12, CKM09, Dah22, EGB12, Gal13a, HHK17, HY21, MES19, Nag21b, PT16, PDS08, TUÖ05, WWWX23, WY25, vzG13]. **Universal** [Gol08, ST24a, AK86, FS98, Gol06, HP91, IL09, MBR25, Sau18, SS03a]. **Universally** [Kol08]. **unknown** [HT24a, LCQ+10]. **Unmixed** [BRM01, HM02b, Min02, CK03, CK04a, EK11, Khe03]. **Unmixed-dimensional** [BRM01]. **unnecessary** [AH05]. **unrelated** [Drt06]. **unsatisfiability** [Gal87]. **Unusual** [DR86]. **unwinding** [MCJ21]. **Upgraded** [BCLR13]. **Upper** [Laz92a, HS21a, KL21, MZ05]. **upper-bound** [KL21]. **Use** [BCE+94, Bos97, CO01, EHR91, Fuc00a, Fuc00b, Hav91, LBM98, Mee94, MNJ94, NMM90, CHU19, FK11, Loj13, VB03]. **User** [AGMT98, BT98, KM98, KS98, BCP97, HPRS11, LLTPT+11, YW87]. **Uses** [CF91a]. **Using** [AV00, BS90a, BBB92, Ber93, BB93b, BH00, BC91, CP97, CDF92, CJMP97, CGK09, Ebe01, Fit89, GKLM91, GAO02, GV97, GL92, GHC92, HH94, JSC13, KFK97, KT02, Kap86, Kem16, Lab95, Man93a, Mil87, MT01, PP91a, Pue89, Raa12, RT85, SM18, SS88, SJG13, SR86, TUÖ05, dos89, van97c, von90c, ABPR21, AK04, AK06, Ald23, AGS18a, AHKY09, AG91, AK86, AHL03, BSW21a, BPT25, BMS20, BP00, BC05, CK03, CK04b, CK04a, Col16, Col05, DS09, DM05, ERSG05, FS23, FGVN06, Fox18, GKMW21, GVGC99, Gon17, GMS09, GGEZ12, Hal13, HI08, HESV21, HS21b, Hub09b, IvH17, JS07, KMYZ08, KNZ91, LC16, LO09, LS11, LZS11, LS12, LHK+13, LW01, MM06, MS15, MS16, Mas16, MH16, Möl88, MP11b, Ng89, PT14, PNM13, RH18]. **using** [Roq13, Rou08, Sag88, Sag89, Sag14, Sek11, SL92, Sid93, STDD16, Sti03, Str06, Str16, SH17b, Szi17, Tsa16, Wan06, WC12, Wei13, Wol03, dGPS09]. **utilization** [Kad13].

V4 [DFK+97b, DFK+97a]. **Vahlen** [VK21]. **Valiant** [von87]. **Validated** [KS06, KR97, Poh97, Str06]. **Validation** [HS97]. **Validity** [CGZ00, MPP19]. **valuation** [DMY16, Vac17]. **Valuations** [MM00, MS02, PV02, Mos08, Oki23]. **Value** [Mil92b, Mos08, IK21, KMYZ08, Ros05]. **Valued** [CRAB91, Stu00, BF95, OS92]. **Values** [BR87, Zip90, Bod04, JMV18, XW20]. **vanishing** [Fas10, GSW11]. **Variable** [CKS99, Eis90, Sch91, Bec03, GGSST10, HAGW12, HT17, LXZZ23, PdRAEC24, Str11]. **Variables** [CD87, Laz85, Lev99, Rut93, SS98a, SSS02, Sne98, Wan94a, CFRS23, CDWZ21, GHL16, HQS19, Kut07, Sau18, SSSK18, Shp14]. **Variadic** [DKM21]. **Variant** [HE12, EP10]. **variants** [BF20]. **Variational** [Mil87]. **variations** [JWC+16]. **Varieties** [AH01, Bur92, BEM00, Chi96, EMS00, Kal93, Ore01, Wal00, ZD02, Abo10, AH13, AML19, ABB+19, AP22, BKV24, BL06b, BP07, BBRS24, BGM06, BGM15, BE11, BJS+07, BS09, CFSGL21, CRSW22, CFS24, CM21, CC07, DEPS11, El 05, FM24, Gau09, Giu88, Har17, Hel16, Hel00, LR15, Lun16, Mur24b, Pie24, PW06, Qur17, Sch07, SSV23, VJ07, vzGM22]. **Variety** [GHL+00, BJS04, FKO18, GGEZ12, HMXD07, Hor24, JLR03, MHXD09, MPSXD09, Mor11, SS06, Stu17, van93]. **Vasconcelos** [BST16]. **Vector** [LPY01, Tho02, Wor94, BR09b, FDS13, JT03, MBR25, NT21, Pos18, YY03]. **Vectorization** [HCB96]. **Vegas** [BCG10].

Verification [KL98b, LNP+21, BPT11, BD04, GGdC23, GKM05, KZ10, KKK+16, MMW11, Ran12, TUÖ05, VB03]. **verifications** [GHS08]. **verified** [MBPLRR10, MRH23]. **Verifying** [Hie16, LCQ+10, SWF11, Sim87, RS21a]. **Veronese** [Abo10]. **versal** [MP89]. **Version** [HS01, PS95b, GR22]. **Versus** [Cuy97, Lan10]. **Vertex** [RP89, HR20, KKS25, PSV13]. **Vertex-Transitive** [RP89, HR20, PSV13]. **vertices** [DS18a, KLZA12, PSV13]. **Via** [Sma96, AHW05, APS12, Ang18, AB05, BGI18, BL12, BDLP22, BD16, BKHG21, BDM+16, Bur03, BST16, CDKW25, CW90, DZY22, Dey21, DEPS11, DV00, DIdW18, DHS22, DR23b, FS98, FG08, FFP98, GS24a, Gal13b, GLW99, GLLdR21, GG92, GDRV21, Guo20, HJX16, Har09, JKP98, KLYZ12, KLZA12, Lam91, LXZZ23, MW23, Mao21, MBR25, MM16, MS21, MG94b, Mro96, Nak16, Nie03, OK08, Pic00, PRR18, Pos18, RZ09, Sei02, WW94, WZ12, XW20, dCR17]. **Vibration** [OT87]. **Vibration-rotational** [OT87]. **vibrations** [Sag88, Sag89]. **vibratory** [JSC13]. **View** [AB00b, BdS01, Rie93, BNT18, MM88]. **viewpoint** [Hir89]. **views** [Brå24]. **violator** [DPS16]. **Virtual** [CN19]. **virtually** [BJT22]. **Visibility** [CS89]. **vision** [FKO18, NPD09]. **Visualization** [FKM95, BS21]. **Visualizations** [AGM97]. **Viterbi** [Kuo06]. **Vizing** [GKMW21, GS24a]. **Vladimir** [MSV22]. **VLIW** [VB03]. **Volume** [Ano99a, Ano99b, Ano00a, Ano01a, Ano01b, Ano01f, Ano02b, Ano02c, BFHS92, EC95, BFMS87, BEZ23, BR09b, Tsa16, Ano06]. **Volumes** [Ano04b, Ano04p, GLW99, BBV15, CCG25]. **Voronoi** [AH23, AH24, BKV24, CRSW22]. **vortex** [Tsa23]. **voting** [MRG17]. **vs** [IZ96, RSTV16].

Walk [CKM97, Aue05, FJLT07, Kha14]. **walks** [BDS17]. **Wall** [CG02]. **Waring** [Ang18, Ang24, OO13]. **Wasserstein** [ÇJM+21]. **wavelet** [LS04]. **Waves** [Div91]. **Way** [BF91, DO06, RR12]. **ways** [HKS21]. **Weak** [ABL93, Ric99, HDHX17]. **weakly** [Li04, LLW24]. **web** [KBRV24, HGKV11, SWF11]. **Web-based** [SWF11]. **WebDSL** [HGKV11]. **Wedderburn** [OdR03, OdR09]. **wedderga** [OdR09]. **Weight** [Bre86, Joh15, dG01, BM10, MPS16]. **Weighted** [Rob88, Coo09, DP24, DS16, FEV16, MES19, Qur17, Ver24]. **Weights** [MS00a, Gal16]. **Weil** [HKYY18]. **Weingarten** [GK21]. **Weispfenning** [CM17a, NP20]. **Well** [Les92, CMR19]. **Wen** [GK12a]. **Wen-Tsun** [GK12a]. **Weyl** [DdG21, HSS02, QR07, Tsa00]. **Where** [Hre94, DMY16]. **whether** [BGMSG07, BM04]. **Which** [Arn95, Bru01, LLW03, Ous91]. **Whitehead** [MH06]. **Whittaker** [Che23]. **Who** [BCE+94]. **whose** [BFMS87, DEP22, HLSW16]. **WhyMP** [MRH23]. **width** [Roc22]. **Wiedemann** [HJS16, HJS22, Tho02]. **Wild** [von90b, vzG13]. **Wilf** [CK19, Mao21]. **Williamson** [BKG21, KK09]. **Wilson** [FKT13]. **within** [BFK02]. **without** [Bec03, CGK+21, KN11, ZWH11]. **witness** [vdH06]. **Witt** [CIL07, Sut16]. **Witten** [Mur24b]. **Word** [AP89, EHR91, JM93, KR91, Sta89, Wid01, Wra88, Yap91, MO85]. **words** [DS15]. **Worksheets** [Mon97]. **world** [AKR11]. **Worst** [Sha90b, KS12b]. **worst-case** [KS12b]. **wreath** [BNRW22, FMR04, PV05]. **Write** [SR86]. **Wronskian** [KPT15]. **Wu** [GK12a, Ric91, Ric99]. **WZ** [CX09, Ges95, Tef02].

XL [MO21]. **XV** [AP25b]. **XYZ** [Sch94].

Yang [GIM07]. **Yau** [BR13c, Hie16]. **years** [Laz09]. **yielding** [Tsa23]. **Yoshida** [GLLdR21]. **Young** [Wil95].

Zacharias [NP20, Mor20]. **Zassenhaus** [Ano87].
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