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Title word cross-reference

[Rue05, Tab23, Tsa00]. δ [NS18a]. F [BHMM13]. F_4 [iL15]. $GF(q)$ [Vil98]. $GL(nR)$ [Bro09]. i [LC19]. J_1 [Gol91]. k [Bar15, POdCW19]. L [GR08, Zwi84]. λ [Fla88]. \leftrightarrow [Alv00]. \mathbf{P}^3 [HM99]. n [BC02, Fit74b, GHL15, KH81, PM19, POdCW19, WL08]. ω [FGHR12]. P [WGD82, Mor99, RZ20, Sla91, Tro82, Vol95, Yun74]. p^n [Vol95]. Q [Yas08, Zim97, BDM13, CX08, CDM15, Ghe10, Sho15]. $Q(4; q)$, for $q = 5, 7$ [DHS04]. R_n [IP11]. S [Zim97]. $\sin^2 x + \cos^2 x = 1$ [Fat85b]. $\text{Sym}^n \mathbf{P}^m$ [Gae99]. T [HMMR22]. W [Din09, MS16a, MW18, SFG13, SFGZ14, LLG08]. X [DGG15, She10]. Y [She10]. $y^{(3)} + ay' + by = 0, a, b \in \mathcal{C}[\delta]$ [Ber99a]. Y_{2n} [BH72a, Hea72c]. $ye^y = x$ [Gos98]. $ye^{y^2} = x$ [Gos98]. Z [HL10]. Z_2 [GK16]. $Z[x]$

#10 [Loo75]. **#11** [WR79]. **#2** [BH72a, Cam72, Hea72c, Tut73]. **#3** [Fit73, Fit74c]. **#4** [Bar73, Fit73, GJ74]. **#5** [Cam73]. **#6** [HJ74, McC73, Sta74]. **#7** [CMR74, FMW74, GJY75a, JG74]. **#8** [Fit74a, Hal75, Har77]. **#9** [Kah75].

(2, 4, 4) [Sha15b]. (\mathbf{C}^{m+1}) [Gae99]. $1/\pi$ [Wan13]. $1/\pi^2$ [Alm11]. 16 [DS15, DSS15]. 2 [GZ05b, Gol91]. $2W$ [Mur00]. 3 [GZ05b, Myl05, NO91, Sha15b]. $3/2$ [Fri74]. 3×3 [HKS19]. 5 [vHK12]. ${}_2F_1$ [vHK12, vHI14]. $2n$ [Cam72, Sun73]. α [STC22]. arccoth [CDJW00]. $\text{mod } p$ [Tro82]. C^1 [JSS03]. $C^{m \times n}$ [Din09]. D

[SO09, Zwi84]. Z_4 [MMSY15].
 $Z_4[x]/\langle x^2 - 2x \rangle$ [MMSY15].

-adic [Mor99, RZ20, Yun74, Vol95, WGD82].
-adically [Tro82]. **-Algebraic** [Tab23]. **-ary**
[Mur00]. **-calculus** [Fla88]. **-characteristic**
[MW18]. **-D** [WL08]. **-deformed** [CDM15].
-difference [Ghe10]. **-equivariant** [GK16].
-graded [HL10]. **-Gröbner** [LLG08].
-groups [NO91, Sla91]. **-ideal** [Tsa00].
-integral [Zim97]. **-invariants** [She10].
-LLL [NS18a]. **-modular** [Gol91].
-modules [Rue05]. **-orbit** [HMMR22].
-out-of- [POdCW19]. **-polynomials**
[GR08]. **-prefix** [KH81]. **-problem** [Sun73].
-simple [Bar15]. **-split** [Sha15b]. **-stuffle**
[BDM13]. **-th** [Vol95, Zwi84]. **-theory**
[STC22]. **-type** [vHI14]. **-Weierstrass**
[Sho15]. **-WZ** [CX08].

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'05 [Kau05].

1 [CMR74, Ver75]. **1.0** [GPS97]. **10th**
[Ano08a, Mad92]. **130** [LM08]. **14**
[Ano01a, MP10]. **14-15** [Sit06]. **17**
[ECTB⁺14, MP12, Pos13]. **1968** [Col69].
1969 [Mos70b]. **1974** [Jen74a]. **1978**
[Gak79, Wan78d]. **1979** [Ng79]. **1981**
[Wan81]. **1992** [Mad92]. **1994** [Hon94].
1998 [LR98]. **1999**
[Lin98a, Lin98b, RL98, WRL99]. **1st**
[Gro95a].

2 [KP97, Lan86, Loo72b, MF83, Rod84].
2-8849-113-9 [Qui97]. **2-8849-114-7**
[Qui97]. **2-distribution** [Edo08]. **2000**
[Ano99c, Ano99e, Ano99d, Ano99b, Ano99g].
'2002 [Ano01b, Ano01c, BBS⁺02, Buc03,
Dav03, Gim03, Sch02, Sit02b]. **2005** [Ajw05].
2006 [Tra06]. **2008** [Ano08a]. **2009** [Hea09].
2010 [Ano10a, Ano10d, Ano10g, Ano10f].
2011 [Fit12, JCMG11b, KZ11, May11].

2012 [Ano12, KRR12, SS12b]. **2013**
[Kal13, Roc13]. **2014** [Ano14a]. **2015**
[Ano13a, IS16, Kal15, LW16]. **2017**
[Ano17a, Lic17]. **2019** [Mon20, YFJS19].
21st [DMP⁺02, tW99]. **22nd** [AB21]. **23rd**
[DMP⁺02].

3 [GVR04]. **3-540-67733-X** [GVR04]. **360**
[Jen79a, Kal82a]. **370** [Whi78].

4 [DP15]. **40th** [Eng15]. **4th** [Ano99b].

5 [AB15]. **5.2.2** [AB17].

60th [RVMH11]. **6th** [Ano99f, Mor89].

70th [Ano99a, Ano99i]. **73** [Bah77]. **'74**
[Jen74a]. **'76** [Jen76]. **78** [Loo77c]. **'79**
[Ng79]. **7th** [Cha90].

80 [Sho82, Sto80]. **80th** [KZ11]. **'81**
[Wan81]. **'83** [Ano82a]. **85** [Zas84]. **'86**
[Cha86]. **'88** [Gia88, Gia89]. **'89**
[Gon89, ISS89]. **8th** [Cha91, Kot02].

'90 [WN90]. **'91** [Wat91]. **'92**
[Wan92, Sto98]. **'94**
[ACM94, Hon94, ISS94, Nod96a]. **'95**
[Lev95, Ano95b]. **'96** [Ano95d, CL96, Lak96,
Ano95c, Ano95f, DL96, Emi96, Hon96a]. **'97**
[Cha96a, Hon96c, Tec98, Sto98, Cha96b,
Enc97a, Enc97b, Hon96b, Wes96]. **978**
[DP15]. **978-981-270-942-4** [DP15]. **'98**
[LR98, Wei97, CW98]. **981-270-942-8**
[DP15]. **'99** [Ano98, HKS99, Jef98b, Kal98,
RL98, Zim98a, Zim98b, Ber99b].

A&M [Sch02]. **A-hypergeometric**
[CDS99]. **A.** [LeS70]. **AAECC**
[Mor89, Ano01a, Mio88]. **AAECC-14**
[Ano01a]. **AAECC-6** [Mor89]. **Abel**
[CTKR99]. **abelian**
[Lab15b, WSW13, GGS99]. **Abell**
[Cor96a]. **abnormal** [Joh75]. **Abramov**

[CHL14]. **Abramowitz** [CDJW00].
Absolute
 [CEGW08, BCG09, Cap86a, Sto76, Sut18].
absolute-value [Sto76]. **Abstract**
 [Bar10a, BCD⁺23, Bul10, CvHL10a, FvH10,
 Fon08, GRT10, Ley10, Man10, Mat10,
 MJF⁺10, Rad10, Sau10, WB83, YS10, vH10,
 AsW08, Alm11, AP08, AM08, Ben08b,
 BM08, Bur08, BP20, CX08, DK98, DSJL08,
 Doe08, Ebe08, Edo08, Elk08, GR08, GZ08,
 GMGE08, HL08, Iba08, Ili08, Iwa08, Jai08,
 Jon08, JM08, Kel08, LW08, LM08, Lew08,
 LLG08, MGR⁺08, MS08, Nov08, Pet08,
 Pri08, Pud08, QH08, Ril08, RG08, RZ20,
 Sch08a, Sed08, SY22, SCWL08, Tha08,
 Thi08, Tsi08, VJ08, WL08, Wat08, Wis84,
 Wol08b, Yas08, YK08, ZT08, Zel08, Zho08].
abstraction [Pur80]. **Abstracts**
 [AB84, Abd84, Ano82b, Ano95a, Ano00a,
 Ano00b, Ano00c, Ano00d, Ano10a, Ano10b,
 Ano10c, Ano14a, Ano17b, Ber99b, CCA20,
 CCA13a, CCA13b, CCA14a, CCA14b,
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 Gim03, HKS99, HP18, IS16, Joh10, Joh11a,
 Joh11b, Joh12a, Joh12b, Joh12c, Joh12d,
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 Men16, Mon01, Nod96b, RVMH11, Rob01,
 Roc13, Sau81a, Sit06, Ter11, Tho09, Tun17,
 Wan78a, Wan78b, Wan79a, Zie15, Zim99,
 Zim00, edi21, Ajw05, Cap03, GKL07, Hit07,
 KV04, KZ06, May11, SS12b, Sit02b, SVZ06,
 Wan06a, Wan06b, Wan80c, Wan80b, Loo77c].
ACA [RL98, Hon96a, Kot02, Wes96].
ACA'2000 [Ano99f]. **Academia** [Ano17c].
Academic [Aca20, sG06]. **Accelerating**
 [Zim18]. **acceleration** [Lew08]. **accepted**
 [Ano10d]. **access** [O'B91]. **accessible**
 [Mon21]. **Accordinging**
 [CDJW00, EZ23, Zim76]. **accuracy** [Sha05].
Accurate [JGB12, McN04, Nag04].
accurately [SK10]. **achieved** [SK00]. **ACM**
 [Gon89, Jen76, Wan81, Ano95f, Ano13b,
 Gie08b, Öre84, ISS89]. **ACM-SIGSAM**
 [Gon89, ISS89]. **across** [KPW06]. **action**
 [HK05, Lev15b, TK22]. **actions**
 [CC08, CG11, Gal15, HMMR22, Rue05].
activities [Mio88]. **activity** [Coo97]. **actual**
 [BCCR80]. **Adapted** [Met23]. **Adaptive**
 [Cel22, MBS15]. **Adding** [van86]. **Additive**
 [CG19, DGL19]. **adic**
 [Mor99, RZ20, WGD82, Yun74, Vol95].
adically [Tro82]. **ADIL** [Fat14].
Admissible [Kre88, Wei87]. **Advanced**
 [Kou09, dQ78]. **Affine** [BM08]. **AG**
 [Joy05a]. **against** [LM08]. **aged** [DP16]. **AI**
 [Gle92]. **aided** [Emi15, Lou84, Thi00a].
Aldes [Bun83]. **Alexandros** [Ano14a].
Alexandros-Stavros [Ano14a]. **ALG**
 [Kli74]. **Algebra**
 [ARS⁺19, AB21, ABR⁺23, Ajw05, Ano95a,
 Ano95c, Ano99a, Ano99f, Ano99h, Ano99i,
 Ano99j, Ano00a, Ano00b, Ano00c, Ano00d,
 Ano01a, Ano01c, Ano10a, Ano14a, Asl96,
 Buc02, CCR00, CGG⁺04, CCM⁺14, Coo97,
 DMP⁺02, Fèv98, GVR04, GPS97, HKS99,
 IS16, Kak98, Kal98, Kot02, KP97, sL17,
 Lic17, Lin98a, Lin98b, Lob97, May11, Mon01,
 Mor89, Ost99, Rec97, Rei02, RL98, Rob01,
 Roc13, Sau81b, Sen90, SS12b, SB97, Sit02a,
 SVV95, SJ05, SW97, Ste06, TO97, WRL99,
 dR90, Abb04, ABCR07, Abd84, ACS92,
 AS16, ARS⁺21, Akr80a, Akr80b, Ano10b,
 Ano10c, Ano17b, Ayd15, BS15, Ban08,
 Bar02, Ber99b, BCLA82, BTL99, BDM13,
 CCA20, Cal84, CL87, Cas08, CCM⁺16,
 CL09, CM02, Coo04, CJ88, Cor99a, D'A15,
 DS97, Ebe16, CCA13a, CCA13b, CCA14a].
algebra
 [CCA14b, CCA14c, CCA14d, CCA15, Far15,
 FP89, Fat96, Fat15, FCB⁺22, FSH02, GL10,
 Gim03, GPS08, HSW89, Hoh88, HP18, JN04,
 Joh10, Joh11a, Joh11b, Joh12a, Joh12b,
 Joh12c, Joh12d, Joh13b, Joy08, Joy09b,
 JČMG11a, KS94, KPR16, Kli74, Kog15,
 Kre88, LW16, Las84, LS03, LW99, Lew00,
 Loo74, Lou84, Mac89, Men16, Mid13, Min15,
 Moe78, Mon21, MR84, NP88, Nod96b,
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RSSRV89, Sau10, Sha03, Sit06, Sit14, Sta10, Sto80, Sto84, Sto11, Sto13a, SS07, Suz09, Ter11, Tif15, Too15, Tri84a, Tun17, Wil84, Win84, Xue15, Zen08, Zie15, Zip84, di 82, edi21, Gro95a, Kre01, Qui97, Sit02b, Cor01b].

Algebraic

[ACM94, ACF⁺15, Ano95a, Ano95d, Ano98, Ano99c, Ano99e, Ano99d, Ano99g, Ano01a, BF74, Bro93, BKR23, Cal01, Cap03, Cha86, Cha96a, DN90, Doo99, Enc97a, Eng15, GK85, Giu01, Glo98a, Gon89, GPS97, Gut04, HHKR20, HV98, HEW⁺14, HN19, Jef98b, Jen76, Kau05, Küc97, LR98, Lak96, Laz01, Lev95, Lin98a, Lin98b, Loo72a, Mon93b, Mor89, Mor02, Mou01, Neu69, NMS97, OS23, POdCW19, PH81, PS98, Rei00, ISS89, ISS94, SST⁺97, Sen03, Tab23, Tam15, Thi00a, Thi00b, Thi08, Tra06, Tra00, Tsi08, Wan78c, Wan81, Wan92, WN90, Wat91, Wat05, dRSE23, ÁS99, Arn81, Bah71, BS74, BK04, Bib84, Bos84, BDE⁺21, Bro03, Bro04, BCLA82, Bul10, Can69, CH85, CE77, CP78, CGL05, CM76, Col74, CRDMBR19, Ebn86, Ele15, Emi15, FR18, Fat81, Fat84].

algebraic

[Fat15, FCW13, FGVC15, Fre15, GMM87, Gia88, Gia89, GJY78, Grö09, GMGE08, HHS20, Hei13, Her11, HMS10, Hod11, Ili08, Iwa08, Jen79b, Jua15, KS97, KYA08, Ke00, KSZ11, Kra83, Küc82, KKM15, Laz80, Lee10, Llo84, MK96, Man15b, Man11, Maz15, McI85, Med15, Mig77, Mio81, Mio84, Mor87, Neu80, Ng74, Ng79, Ngô11, Pag22, Pon87, Pon88b, Pon88a, Pre15a, RSS15, Rum77, SSS05, Sán17, Sar15, SI08, Sch99, SV99, Ser99, Sha03, SH09, She07, SLW15, Sun73, Tri11, Wan75, Wee74, Wei15, Wib15, Xia07, YA07, ZL13, Zim84b, Zim84a, dCW09, dT84, PH83].

algebraically [HW75, Ull06]. **algebras**

[Bre05, CDM15, DM12, KiL16, Lau15, LS03, Lev15a, Poi15, Shi99, Stu10, ZZ15].

ALGLIB [SW85]. **Algorithm**

[Abr00, Hea72b, Nat92, Sas22, Sek23, SY14, UW95, AMORH15, AW80, AM10a, AM10b,

Bar15, BGG15, BGM10, Ber83, Bla14, Bro09, But85, CT19, CL82, CsL08, Dav82b, DX07, EGP11, EL01, Fuc08, Gal15, GZ08, GK85, Göb93, HJS13, HW75, HM13, HZ15, HMSP18, HNRS18, IKRT89, Iwa05, JMV09, JM22, Jon08, Kel15, Kem81, KM11, Loo72a, McG84, Mos69, Mur00, Nag21, NS18a, NS17, PM19, Pér99, Pop00, Ren82, Rou09, RSS15, Sal12, San18, SL10, Sao10, SS92, Sed13, SS93, Sun73, SS07, Tri84b, Via13, Wan77, Wan80a, WB83, WCF12, Yun74, Zho82, ZvH19, Zim03, Fat14]. **Algorithmic**

[Col69, Koe93, HHS12, KPR16, KB78, KV04, Rad10, Shi99]. **algorithmically**

[SY22]. **Algorithms**

[Ano01a, Ano08a, Ber98b, Cor00, DM21, EJP⁺01, FT13, Hei70, Hel15, KW97, Knu75, Lin98a, Lin98b, Mor89, Mor99, NTW97, PST97, SV93, Sta10, TMCP22, ZGA⁺23, Zim84b, ACF⁺15, BCG09, BCCR80, But92, CK04, CL09, Dav12, Ede13, ELME22, FSS15, FT15, GTLN18, GK88, Hod11, Kli78, Li15, Lin07, Man77, MY74, Mio84, Mon99, Nag17, NS18b, POdCW19, PW03, Pon88b, Raj80, Sak19, Sch91a, SB89, SLW15, Win84, Xie07, YS10, Yun73, Zim18, dCW09, dQ78, vH75, vdHL20]. **ALLTYPES** [Sch07, Sch08b]. **Almost** [DMSP10, JPRZ23, PR15].

Almost-Commuting [JPRZ23].

alternative [Fat15]. **ALTRAN**

[BH72b, HJ74, Hal74, Hal75, Fel75b].

Always [Ree91, Ree92]. **ambiguous**

[Kor77]. **American**

[Ano01b, Bra98, Abd84, Gon88, Sit06].

AMS [Akr80a, Akr80b, Joy09a].

Amsterdam [Loo77c]. **ANALITIK**

[HS74, Kor76]. **Analog** [BSB⁺23]. **Analysis**

[Ano99a, Ano99i, Ano00c, Ano00d, Ban08, CC83, GK88, Rei02, Sch83, vH82, AP08, Arn81, Bel83, BZ12, Bun83, But92, DGK04, Ebe16, HJS13, HJS16, IOP21, IT12, Jeb18, Ke00, Lac92, Nag12, POdCW19, dCW09].

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[Nor82, Poh81, RZ11, The10a, The10b, Sat00, SVZ06, Vas99, Vor80, Wal89, Wan76b, ZL13, Zho07, Zho08, dT84, vdHLM⁺11, vdHL18, Ano95d, Cap03, Cha96a, Doo99, Eng15, Giu01, Gut04, Hon96c, KW97, Kau05, Kuc97, Mou01, SB97, SW97, Tra00, Vol97c, Wan92].

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[ARS⁺19, AB21, ABR⁺23, Ajw05, Ano95c, Ano99a, Ano99b, Ano99f, Ano99h, Ano99i, Ano99j, Ano00a, Ano00b, Ano00c, Ano00d, Ano01c, Ano03, Ano10a, Ano14a, Asl96, Ayd15, Bar02, BU93a, BU93b, BCLA82, Buc02, Cal74, CCR00, CC72, CGG⁺04, Coo97, Cor01b, DS97, DMP⁺02, FCB⁺22, GPS97, Gro95a, Ham14, HKS99, IS16, Kak98, Kal98, Kot02, Kot08, Kre01, sL17, Lic17, Lob97, May11, Mon01, Nor80, Qui97, Rec97, RL98, Rob01, RSSRV89, Roc13, Sen90, SS12b, SH09, Sit02a, Sit02b, SVV95, Ste81, Sto79, TO97, Tha08, WRL99, ZT08, dR90, Abd84, ACS92, AS16, ARS⁺21, Akr80a, Akr80b, ÁS99, Ano10b, Ano10c, Ano17b, Ban08, Ber99b, CCA20, Cal84, CL87, CR84, CJ88, Cor99a, DP15, Ebn86, CCA13a, CCA13b, CCA14a].

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Fix [Ste08]. **fixed** [Ben08b, EGK09, Hol04]. **FJCC** [Mos70b, Col69]. **Flajolet** [SSS⁺11]. **Fleshing** [MS16a]. **Flexible** [Bac97, Cou15, Meu03]. **FLINT** [GR16, DRR18]. **float** [KS81]. **Floating** [SS98, KS97, MBS15, SK10]. **Floating-point** [SS98, KS97, MBS15, SK10]. **floats** [Sto17]. **flow** [Bun83, LBL20, MC95]. **fluids** [Rim84]. **forgotten** [RRRA03]. **Form** [Con90, CMT14, FG99, CP12, Li15, MBKP81, Ull06, WRW17]. **FORMAC** [Bah69, Bah73a, Bah73b, Bah74, Bah75b, Bah77, Ber70, vH74, EB70, Lud69]. **Formal** [Hv83, Izu14, Koe93, Lob96, Mad15a, Ost99, Pei87b, Pra90, Wee74, Loo74, Mad15b]. **Formally** [Jef98a]. **FORMAT** [GJY75b]. **former** [Ano16]. **Forms** [DET23, Gor99, Bar15, Bou15, Buc76b, DM21, DJ96, LM12, Mid11, Pre15a, TMV18, Wei87, dO99]. **Formula** [BD14, dQ77b, Che83, Don83, Nei71, Oll84, ST02, Sch71, dQ77a, vdR73]. **formula-manipulation** [vdR73]. **Formulae** [BB96]. **Formulas** [Bar91, Gak79, Ged99, Alm11, Bar89, Ben08a, DD99, Gae99, SCWL08, TK22, Ull06]. **formulation** [Jen79b]. **FORTRAN** [Bah69, Ber70, Fat78, Fri70]. **forum** [Öre84]. **Fourier** [AS14, KS14, Akr81]. **fourth** [ARS⁺21]. **Further** [Coo97]. **FP** [Mur14]. **FPGA** [SL10]. **fpLLL** [EVM21]. **FPS** [TK22]. **Fraction** [MJ14, NTW97, Bar89, Mur09, Sto08]. **Fraction-Free** [MJ14, NTW97]. **fractional** [Sto13b]. **fractions** [Lem15, LOW08]. **frame** [FR18]. **framework** [Ber99c, KS13, KSZ11, LD11, Tec11]. **France** [Ng79, DMP⁺02, Mor02]. **Francisco** [Col69]. **Fraser** [Ano98, Ber98a, Doo99, Jef98b]. **Fredholm** [Loo72b]. **Free** [FG99, MJ14, NTW97, Fri70, Gal15, GMMCMMP22, Hea09, Mau16, Mio74]. **friendly** [BP18, HHM10]. **full** [SW06, Tam15]. **FUNARG** [Mos70a, San71]. **Function** [BB96, Piq90, Pop97, RJ96, Yan91, Cap86a, CHJ14, DM21, Din09, ES10b, LPA15, MS16a, MM89, Mos70a, Pig90, Piq89, Pop00, Ren82, SFG13, SFGZ14, Smi84b, Sto76, Zho82, Mos70a]. **Functional** [Izu14, Kri84, BPS12, Wat08, WS83]. **functionals** [Ste08]. **Functions** [Asl96, BH72a, FL91, Gak79, GLGVTZ00, Hea72c, MSM23, Pop98, Tab23, AKM16, BH15, BCCL10, Cam72, Cam88, CDS99, CsL09, CsL10, Gol85, Gor98, Heb15, JN04, JGB12, JP19, Joy15, Jua15, Kou13, Lac92, LZ05, Man15b, Maz85, MCJ15, Mos69, Ng74, PS15, Raa11, Rai11, RC76, SI08, SPA⁺99, Sta10, US06, VHC17, Wan13, Wan89, vdHL21]. **functorial** [Bar10b, Poi15]. **functors** [BRRT08]. **funding** [KO13]. **funtf** [FR18]. **Further** [AP08, Gaw77]. **future** [Bal84, Fat84, Hue84, Sun74, Zip84]. **G** [PT99]. **G-sets** [PT99]. **G**. [Hei13]. **G2** [BP18]. **G2V** [Sal12]. **Galerkin** [Mio74]. **Galois** [Arr15, Ber99a, Roq15, Sán15, Sut17, Sut18]. **game** [Tha08, ZT08]. **gamma** [Heb15, IKRT89]. **gamma-matrices** [IKRT89]. **GAP** [AY16, DGS16, ES10a, Joy09b, Lin07, pro12]. **Gathen** [Cor01b, Mon93a]. **Gauss** [Fee99, Fuc08, GM94]. **Gaussian** [LPA15, Sto09]. **Gaylord** [Ada96]. **GCD** [BK12, CLZ08, CS19, Hea72b, KI11, Mur00, Nag08, Nag17, Nag21, PST97, San18, SS97, Sed13, Ter10, Ter13, UM12, Wan80a]. **gcds** [vdHL21, Sas22]. **Gelfand** [ZZ15, Zha13]. **gene** [DSJL08]. **General** [BRRT08, Kor76, Coh74, GK84, GCG83, Kra83, Mac89, MJ13, MBKP81, Ngô11, Ore99, Tec11]. **general-size** [MJ13]. **Generalised** [Stu23, BFE20]. **generality** [Dav82a]. **generalization** [Wat05]. **Generalized** [Lev15a, MSM23, NMS97, GZ05b, GMMCMMP22, JP15, Lau15, Lev15b,

MS16a, Rag15, SFG13, SFGZ14, WW11]. **Generated** [MQB98, BTL99, Lev15a, MJF⁺10, Tha08, ZT08]. **Generating** [Ged99, GTLN14, SVV95, Rai11, Wan13]. **generation** [GMRT⁺15, Gat85, Llo84, MJ13, SS17, YDH⁺15, dT84]. **generators** [Gra91, MG15, YK08]. **generic** [Lar19, LIJ20, vdHL18]. **Genetic** [PST97, GTLN18]. **Genoa** [Tra06]. **GENOM3CK** [HMS10]. **GENTRAN** [Gat85]. **Genus** [Doe08, Sha15b, Elk08, GR08, HMS10]. **GeoGebra** [ABK⁺16, KRV21]. **Geometric** [Fèv98, RSV02, Bar10b, HSW89, Man11, Nie84, Sut18]. **Geometry** [Ano99e, Ano99g, BU93a, BU93b, FT13, GPS97, MA08, PBD10, Rei02, SJ05, BZ12, CWZ12, DP15, FT15, Hei13, KLPW17, LW08, Maz15, Pec07, SSS05, Tsi08, Wol08a, Ano95a, BU93a, BU93b]. **GeometryEditor** [LW08]. **George** [Ano17d]. **GeoText** [CWZ12]. **Gerdt** [AB21, MSV21]. **Gerhard** [Cor01b]. **German** [LR98]. **Germany** [CL96, Glo98a, Kot08, Vol97c, Wat91]. **GF** [Gra91]. **Giesbrecht** [Ano13b]. **Gilbert** [LC19]. **Given** [Ste99, Gra05, Mur09, RC05, vTG03]. **Gjunter** [RRRA03]. **Global** [Bun83, DM21]. **GNU** [tW99, vdH04, vdHGG⁺13]. **Goals** [Eng87]. **GOEDEL** [Ebn86]. **Goes** [Bra98]. **Golden** [DR01]. **gonal** [Wei15]. **Good** [Moe99, Tra15]. **Gordon** [Qui97]. **Goto** [Ida05]. **GPGCD** [CT19, Ter10]. **GPU** [BGLM23, MP11]. **GPUs** [VY15]. **Graded** [PT99, CM15, HL10]. **gradient** [Ber70, Tob70]. **Graduate** [Sit14]. **Graeffe** [vdHM20]. **GRAPES** [Emi20]. **graph** [Nie70]. **graphical** [Dim71, LS85]. **Graphing** [CJ98]. **graphs** [Jen15, JM98, Joy15, KH81, Roy91, Thi00a, Thi00b]. **Gravity** [TO97]. **gray** [DS15]. **greatest** [BA21, Gen99, Glo98b, HM13, MY74, Sed08]. **Greece** [Kot02]. **Greedy** [CK04, BGG15]. **Gregory** [Mio82]. **GRGEC** [TO97].

Griesmer [Fit12]. **Gröbner** [BW98b, Abr09, BB80, Buc91, Buc76a, BW98a, CC08, Cor96d, Dah12, DSJL08, DMCMM15, DPDFD15, Ebe83, Ede13, EF15, ELME22, FSS15, FIS16, GS95, GHK18, GLGVTZ00, GSGZ15, HRR19, HZ15, Hub00, IS09, JS06, KB78, LM12, Lar19, Lev15a, LLG08, Liu15, Man10, McG04, Mon93b, MC95, Mon99, Mon11, MA08, MW18, Nab07, Nag12, NO23, Oku97, RZ11, Sak19, Sal12, SK10, SI17, Sas22, Sat97, Sat00, Sch91b, Sit89, SLW15, Suz09, Tam15, WW11, Win97, Win98, ZK11, Zha13, vdHL18].

Gröbner-bases [BB80, Buc76a, Ebe83, KB78]. **Groebner** [Zho15, Zhu15]. **Group** [CC08, Fel77, LN76, ASP15, BHMM13, Ber99a, CR84, CG11, FB70, HK05, KM87, iL15, Lev15b, Man15b, O'B91, Pos13, Qi20, San91, Sao10]. **Groups** [BI91b, HNT14, KS14, RS91, Arr15, BI91a, But85, Gal15, GGSR99, Gla91, Gra91, JR91, Lab15b, Lin07, Med15, NO91, Öre84, Roq15, Sla91, Sut17, Sut18, Wib15]. **Guangzhou** [tW99]. **GUAVA** [Joy05b]. **guessing** [KV19]. **Guest** [Dew00b].

H [Dav03, Qui97]. **Hadamard** [Sch83]. **Hagenberg** [Hon94]. **Hagenberg/Linz** [Hon94]. **Hakki** [Mor10]. **Hamiltonian** [Man15b]. **Hamming** [GMMCMMP22, Sek23]. **handled** [Ber70]. **Hankel** [BK12, BA21, Sen90]. **Hans** [Ano99a, Ano99i]. **Hansen** [SVV95]. **happen** [vH74]. **hardcover** [Qui97]. **Hardware** [Zid23, Leg84]. **Harmonic** [DMH15]. **Hashing** [BP18, Pon87]. **Haskell** [VJ08]. **Hauenstein** [Dec14]. **Haven** [Jen75]. **Having** [AP23, Ghe10]. **Hawaii** [Küc97, Lin98a, Lin98b]. **hazards** [Lic15]. **Heart** [Ste96]. **heat** [Sha05]. **Height** [LW94a, LW94b]. **Heights** [Bes15, Jen76, Jai08]. **Help** [dR90]. **Hensel** [Ina05, IOS06, MY74, Mio82, OS06, PM19, Sal11, San18, SI00, SIK05, SI17].

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 [SS17]. **heuristic** [Bar10a]. **Heuristics**
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High-performance [GMC⁺21, Li09].
High-precision [Web90]. **Higher**
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 [CJ88]. **hyper** [AM10a]. **hyper-regularity**
 [AM10a]. **hyperbolic** [Ben08a].
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hyperexponential [AZ91, LZ05, LWZ07].
Hypergeometric
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Illinois [Pad02]. **IMACS**
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 [Sto11]. **Implementation**
 [BHMM13, EJP⁺01, FF82, IS09, NY03,
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 SL10, Suz09, Whi78]. **implementations**
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 [LM08, Thi08, Pur80, SLW15].
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incomplete [Heb15]. **Inconsistency**
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- [KD18]. **Isolated** [SS11]. **Isolation** [DK98, Akr78, CMX10, Rum77, Tsi16]. **ISOLDE** [BPS12]. **isomorphism** [Teo15]. **isomorphisms** [BDD+18]. **Isotopy** [BCD+23]. **ISSAC** [Gia89, Gon89, LR98, Wan92, ACM94, Ano95d, Ano98, Ano99c, Ano99d, Ano13a, Cha96a, Cha96b, Coo96a, Doo99, Enc97a, Enc97b, Gia88, GKL07, Glo98a, Jef98b, Kal96, Kau05, KRR12, Küc97, Lak96, Lev95, Tec98, Mor02, Mou01, Lak98, ISS89, ISS94, Sen03, Sto98, Tra00, Tro97, Wan06a, Wan06b, WN90, Wat91, Wei97, YFJS19, Zim98a, Zim98b, Dal01]. **ISSAC'2001** [Rei00]. **ISSAC'93** [Bro93]. **ISSAC'98** [Tsa98]. **ISSAC'99** [Zim99, Zim00]. **Issue** [Ano10g, Ano10f, Dew00b, KW97, Mon96, SB97, SW96, SW97]. **Issues** [Kat87, KS94, Lic11, Mio84]. **Italy** [Gia88, Gia89, Mor89, Tra06, Ano91b, GMM87]. **Iterated** [McC97, Koe94]. **Iteration** [Cor96c, SS13, WRW17]. **Iterative** [AHCDT15, Izu14, Sak97, Mau16, Pop00, Ter10]. **itsol** [Izu14].
- J** [Ano99a, Ano99i, Dec14]. **Jacobi** [CL82, SS93]. **Jacobian** [Pau15]. **Jacobians** [BSS15, Doe08, Sha15b]. **Jacques** [Sei20]. **James** [Fit12]. **January** [Hea09]. **Japan** [HI93, WN90]. **Japanese** [Kak98, Nod96b]. **JAVA** [CCR00, Ber99c]. **Jenks** [Ano17a, JCMG11b, Ano13e, CGG+04, CAB22, Kal13, Kal15, Mon20]. **Jerrard** [AJ03]. **Joachim** [Cor01b]. **Johnson** [Buc03, ASP15]. **Johnson-type** [ASP15]. **Joint** [Ano99a, Ano99i]. **JOME** [Dir00]. **Jonathan** [Dec14, Ano16]. **Jordan** [Bre05, FG99, Wib15]. **Journal** [KW97, SB97, SW97]. **Joux** [AMORH15]. **JSC** [SW96]. **Jügen** [Cor01b]. **Julia** [KD18]. **Julia/Nemo** [KD18]. **July** [ACM94, Ano98, Bro93, Cha86, Doo99, Gia88, Gia89, Gon89, Gut04, Jef98b, Kau05, Küc97, Lak96, Lev95, Mor89, Mor02, Mou01, Rei02, ISS89, ISS94, Tra06, Wat91, LW16]. **June** [Ano99e, Ano99f, Ano99g, Kot02, Mad92, Ng79, Pad02, RL98, Ano10g].
- K3** [Elk08, Kel15]. **Kahan** [Lau77]. **Kalkbrener** [Kal93a]. **Kaltofen** [sL17]. **Kanellakis** [Gie08b]. **Kantorovich** [LS16]. **Karlsruhe** [CL96, Kot08]. **Kay** [Fri70]. **Keiper** [MSM23]. **Kenzo** [CRDMBR19, RRSS20]. **key** [BS15, Dur15, GMRT+15, Iwa08, Küc87]. **Khachian** [AW80, Raj80]. **Khachian-type** [AW80, Raj80]. **Kiang** [McC73, Sta74]. **Kiev** [Bro93]. **kind** [Loo72b]. **Kingdom** [Ano99e, Ano99g, ISS94, ACM94]. **Kirillov** [ZZ15, Zha13]. **Kloosterman** [Bro09]. **knot** [HMS10]. **know** [Sch75]. **knowledge** [CL87, Her11, Lee10]. **knowledge-based** [CL87]. **Knuth** [WB83]. **Knuth-Bendix** [WB83]. **Kolchin** [Ovc14, Sit14]. **Koszul** [Rou09]. **Kovacic** [UW95]. **Krandick** [Joh12e]. **Kreuzer** [GVR04]. **Kutta** [Cam73]. **KWIC** [Ano82b, Fel77]. **Kyoto** [Kak98, Nod96b].
- L** [Dal01]. **label** [APS15]. **laboratory** [Abb04, CW72, Eng87, Gra87, Mae87b]. **lacunary** [Gre15]. **Lacunaryx** [Gre15]. **Lagrange** [CLZ08, FGVC15]. **Lambert** [Din09, MS16a, MSM23, SFG13, SFGZ14]. **Language** [Fat90, Gle92, Kry84, Pra90, AD10, Dav82c, DS10a, DS10b, Ebn86, HS74, Jen74b, Jen79a, Kor76, LTdD+10, Nei71]. **languages** [Can69, HKN10, HI93, Hue84]. **Laplace** [Cla89, Nor80]. **Large** [Pfe21, Ban08, BJS06, EB70, Lew04, Wol05, Wol08a, Zho07]. **large-dimensional** [Ban08]. **larger** [Wan76a]. **laser** [KSS15]. **last** [SK00]. **LATIN** [Ano01b, Ano01b]. **lattice** [APS15, Poh81, Rou09]. **Lattices** [DRR18, Len81, ASP15, EVM21]. **Laurent** [Koe93, LYG12, TMCP22, Wat08, WSW13]. **Layer** [CLZ23]. **Lazard** [NDSM19, dRSE23]. **Lazutkin** [BBS+02]. **lazy** [MBS15]. **LCM**

[CLZ08, Rou09]. **leading** [HJS16, Iwa05]. **leaking** [CJ18]. **Learn** [Buc90]. **Learning** [Ano93, Emi20, LR22]. **least** [EGK09]. **Lecture** [Sch02, Mon21]. **lectures** [Wan78d]. **left** [BCLS11]. **leftmost** [Sti83]. **Legacy** [Gao17]. **Legendre** [Fee99]. **Leipzig** [Las84]. **LEMA** [LTdD⁺10]. **length** [FN75, NO91, Poh81]. **Leningrad** [RRRA03]. **LeSchack** [LeS70]. **LET** [Sht77b]. **Letter** [Coo93, Ebe06, Gaw79]. **Letters** [Bee98]. **level** [Dav82c]. **Lexicographic** [Ree91, Ree92, Dah12, MW18]. **Li** [MSM23]. **Liapunov** [Wan89]. **libraries** [AKM16]. **Library** [BKR⁺91, FT13, MPW97, CML⁺08, CDL⁺11, EVM21, FT15, HLM⁺17, HMS10, JR91, JM17, Joh13a, LMX05, LMRS08, Maz15, MJ13, Mon21, PM07, Ric09, Qui12]. **LiDIA** [MPW97]. **Lie** [Poi15, GJ74, Mig77, Bar73, Gal15, Shi99]. **Lieb** [KiL16]. **Life** [Gao17, Bar02]. **lifting** [CL11, PM19, Sal11, Ste10]. **like** [Alm11, BB96, Fat87, LS16, SS13]. **likelihood** [LPA15]. **Lille** [Mor02]. **Limit** [Har79, AM16, Kem81]. **limited** [FT12]. **Limits** [VHC17, AKM16, Kau03]. **line** [Sed08]. **Linear** [AB14, AP23, Bak93, BK14, Ger98, Ghe10, Ghe14, GLS97, GS97, Lob97, MMSY15, NTW97, Rue10, SIK14, AKR20, AW80, Arr15, BK04, BPS12, Bar15, Ber06, BJS06, BCLS11, Bou15, Bul10, Cas08, CvHL10a, CvHL10b, CP12, CL09, Cla69, DMSP10, DMCMM15, Ebe16, FvH10, Far15, GMMCMM22, GTLN18, Goy21, GK88, Grö09, Grö10, JdM12, LWZ07, Mad15b, MS16b, MS18, Pet08, Raj80, SE22, Sau10, Sch94, SW06, She07, Ste10, SLW15, Suz09, Tsa98, Vil98, Wei87, Wei00, WSW13]. **linear-exponential** [Wei00]. **Linearization** [SC17]. **linearizations** [FPS16]. **linearly** [HMSP18]. **linkages** [Kou16]. **linked** [Moe78]. **Links** [BKR⁺91]. **Linz** [BW98b, Hon94, Buc84, Vol96, Vol97b]. **Liouville** [Kas80]. **Liouvillian** [LMF12, Raa11]. **Lisp** [Fat14, Cam75, Fat78, FF82, Gre72, Hea69, Jen70, KS81, Mos70a, Nam86, Whi78, Fat90, FL91, FH96, Fat98, Fat03b, Kal82a, Lan86, MHGG80, MH85, Wil92, Yan91]. **LISP-based** [KS81, FH96]. **Lisp-Language** [Fat90]. **Lisp/360** [Kal82a]. **LISP/370** [Whi78]. **list** [Akr80a, CL11, Fat03b, LaP72, Moe78, NFIS69, Qui12, SS68, SVZ06]. **live** [HK08]. **LLL** [MSV08, NS18a]. **LLL-reduced** [MSV08]. **load** [MC95]. **Local** [DM15, SIK14, DS15, Sht77a]. **localize** [BLH10]. **LocalizeRingForHomalg** [BLH10]. **locus** [ELME22]. **logarithm** [Hol04, HL08, Yas08]. **logarithmic** [CP78, DGL19, Fat98, Jua15, Sán15]. **logarithms** [AMORH15]. **Logic** [Ano99k, Bak93, Bib84, DS97, Kan76]. **London** [Ano00a, Ano00b, Ano00c, Ano00d, Mou01, Rei02]. **long** [Ste81]. **look** [HL08]. **Loop** [RS91]. **Lorenzen** [Pra90]. **Lorenzo** [GVR04]. **low** [SS13]. **LSSS** [WSW13]. **LU** [Jef10, PW03]. **lubrication** [CJ88]. **Ludeman** [Ber70]. **Lüroth** [Jer15]. **LWE** [ACF⁺15]. **Lyon** [DMP⁺02]. **Lyons** [Sao10]. **M** [Ano16, RRRA03, Akr87, MF83]. **M** [Dav03]. **M4RI** [SLW15]. **MA** [HI93]. **Macaulay** [DD99, Grö10, Lew08, Min04, Spe08]. **Macaulay2** [HJN⁺23, Lee19, Ley16]. **Machine** [Fat78, RSSRV89, SS83]. **MacMahon** [AP08]. **Macpherson** [Hel15]. **MACSYMA** [AW80, Cla89, Fat72a, FMW74, Fat87, Fit73, Loo77a, Mos74, Raj80, SB89, Wan75, WS83, Zip75, Gol85, Tec98, RS89]. **MACSYMA-like** [Fat87]. **MAD** [Meu03]. **made** [Sau81b]. **Madrid** [RL98]. **Magma** [Kop20, Sut17]. **Mai** [Ano99b]. **main** [Sar15]. **man** [SS83]. **management** [Arn10, Dav03, Her11]. **Mandelbrot**

[CC16]. **manifesto** [Sto13a]. **manipulating** [Wan91]. **Manipulation** [Ng79, Ste82, dQ77b, BS74, BF74, Che83, Don83, Fla88, Hir78, Jen79b, Nei71, Oll84, Pon87, Pon88b, Pon88a, Sch71, SW85, Smi84a, Tut73, Wan80c, Wan80b, dQ77a, vdR73, Wan78c]. **manipulations** [Mio81, RS89]. **manipulative** [LW08]. **Manual** [SvH81]. **Manuel** [Bro13]. **Many** [Abr98, Her98, Elk08, Fri74, Sed13]. **Maple** [Cha90, Cha91, Cor96a, Mad92, KRTZ20, LMX05, LMRS08, AZ91, Ano95e, BPS12, CGG83, CML⁺08, CDL⁺11, CM99, ECTB⁺14, GK20, Gon88, Hel10, IOP21, Izu14, JT91, JM17, JM98, KRR10, KRR12, ME18, Min04, MP10, MP12, MP14, MP16, PM07, Pos13, SE22, Sal93, YA07, Zei91]. **MapleTech** [Mon96]. **mapping** [JT91]. **maps** [DS15, HL08, MMSY15, Wei15]. **Marc** [DP16]. **March** [Ano99h, Ano10f]. **Marichev** [Gak79]. **Mark** [Ano13b]. **Marko** [Pet23]. **Marseille** [Ng79]. **Martin** [GVR04]. **MAS** [KP97]. **massively** [Ber99c]. **Matching** [KN87, Fat15, McI85, RSSU79]. **MATCONT** [DGK04]. **Math** [Pad02, Lic84, Sto79]. **Mathemagix** [Lar19, vdHLM⁺11]. **Mathematica** [Ada96, Fat90, KA99, Kou13, Nag07, Nai22, PDP00, Tro97]. **Mathematica-to-Lisp** [Fat90]. **Mathematical** [Ano84, Ano95e, BG97, Bor98, Gon88, Ham14, Her11, MP14, Sit06, Vol98, Wat98b, ADS96, CC72, Eng87, GGdR⁺15, Gri76, Gro99, Hor15, How70, Joy09a, LN76, Mae87b, Meu03, Mio84, Pea84, SPA⁺99, SCWL08, Sun74, Wan80c, Wan80b, Zas84, Kot08]. **mathematician** [RRRA03]. **Mathematics** [Ano99b, Ano99f, Ano03, Ano08b, BMK98, Buc02, Dir00, FH96, Gie08b, Soi97, Ste82, Wri00, tW99, AsW08, Arn87, BKKS05, BGJ70, FC99, FB70, Fra80, HK08, HLS84, Hue84, Ril08, Sho82, Ste81, Var15, Wan76b, Zel08, Zho07]. **MathLibre** [Ham14]. **MathML** [Pad02, Alv00, Car00, Pad02, Soi97, WL99, Wri00]. **Matlab** [DGK04, Zen04, ZL13]. **Matrices** [CMT14, Sen90, AB19, AM10a, BK12, BA21, CC16, DJ96, Fri74, Fuc08, Gen99, HKS19, IKRT89, JMV09, Jef10, LMTV05, LM16, MV11, Mid11, Rue15, SC17, Uga12, WL08, WRW17, WW11, Wis84]. **Matrix** [BGLM23, BD14, Con90, CJ97, EG96, Ste96, SY14, Ba12, CHS16, CL09, CT19, Cor96d, DIS10, Ebe16, HHM10, LM12, Lew04, MK96, Mor99, Pan05, SH09, YS10, YK08, dO99, Cap86b, De 99]. **matrix-vector** [HHM10]. **Matu** [SK16]. **Matu-tarow** [SK16]. **Maui** [Kuc97]. **maxima** [Joy06]. **Maximal** [Lan93, SS12a, BLH10, JR91]. **maximization** [LPA15]. **maximum** [WRW17, Xue15]. **maximum/minimum** [Xue15]. **May** [Ano00a, Ano00b, Ano00c, Ano00d, DMP⁺02, Sch02]. **McCrimmon** [BH97]. **McEliece** [MG15]. **MCR** [MZ97]. **MCR-Based** [MZ97]. **Means** [SVV95, BCCR80, Jen79b, vdR73]. **measure** [MS08]. **measurements** [BS74]. **mechanical** [Ban08, Sau81b]. **Mechanically** [Bar91]. **Mechanics** [Ano08b, BC81, GL10]. **Mechanization** [Aca20]. **Meeting** [Coo96a, Coo96b, Mon01, Lak98, Rob01, Abd84, Ano99a, Ano99i, Ber99b, Coo97, Gim03, Nod96b, Rei02, Wan78d, Kak98, Sit06]. **meets** [DS97]. **MEGA** [Ano99e, Ano99g, AD10]. **melding** [Tif15]. **Mellin** [BFS23]. **member** [Ano17c]. **Memorial** [Ano17a, JCMG11b, Mon20]. **Memoriam** [Ano08b, CGG⁺04, Joh12e, Ano10e, Ida05]. **Memories** [SK16]. **Memory** [AB21, Fat03b, Web90, BBS⁺02, CM02]. **merely** [Ste81]. **Mesh** [Cor00]. **Message** [Ano14b, Ano14c, Bro17, Cet96, Cor96f, Cor96b, Cor96e, Cor97a, Cor97b, Cor98b, Cor98c, Cor98a, Cor99b, Cor01a, Cor02, Dew00b, Gie99a, Gie99b, Gie99c, Gro95b, Jef03, Kal93b, Kal95, Kot14a, Kot14b,

Wat96, Wat97b, Cha97]. **META** [Jen70]. **META/LISP** [Jen70]. **Method** [BCL23, HM77, Lev15b, OS23, SN97, Akr78, Cam73, CX08, Fit74b, GH08, JT91, KS16, Koh10, KM05, LS16, Liu19, MS18, Mio74, Mur09, NS18a, Pei87a, Ren17, Rim84, SS09, Ter10, Tri84b, Tri11, Zim76, dO99, dRSE23, vdHM20, vTG03]. **methodology** [Var15]. **Methods** [AvH19, Ano99e, Ano99g, Ber98b, Kot08, NMS97, Bal84, BFR⁺18, Dem12, FCB⁺22, FSH02, KS03, KS19, Lic11, LMF12, Man11, McN04, She07, UM12, Xie07, vdR73]. **metric** [Jen15]. **metrics** [NP88, Sch88]. **MICA** [sL17, Gie08a]. **Michael** [Dal01]. **micro** [di 82]. **micro-computers** [di 82]. **middle** [AS14]. **Mignotte** [Akr87]. **Milestones** [sL17]. **million** [BvzGG⁺01]. **MIMD** [RSSRV89]. **minicomputers** [CM76]. **minima** [Poh81]. **Minimal** [GB97, Jai08, Le01, Lub11, Sha15a, Bla14, DHS04, HJS13, Mur09, NFIS69, Poh81, YK08]. **MiniMaple** [KS13]. **Minimax** [Cor00]. **Minimum** [GTLN18, Xue15]. **minisymposium** [CW98]. **Minsk** [Gak79]. **Minutes** [Coo96a, Coo96b]. **MIRA** [Gaw77]. **misdeameanors** [Sto12b]. **mixture** [LPA15]. **MKM** [Far04]. **MMICS** [Kot08]. **mmWave** [BSB⁺23]. **Mobile** [BKKS05]. **Modal** [BMK98]. **Mode** [PH81, AE83, CH85, Jen77, PH83]. **mode-based** [Jen77]. **Model** [DN90, Coo04]. **modeler** [HYH15]. **Modelling** [Ada96, LR22]. **Models** [Bur08, BCCR80, Cas08, IOP21, JPP22, Sha15a, Zas84]. **Modern** [Cor01b]. **modes** [KSS15]. **Modified** [Fuc08, AW80]. **Modifying** [EGP11]. **MODLISP** [DJ81]. **modpn** [LMRS08]. **Modula** [KP97]. **Modula-2** [KP97]. **Modular** [BGLM23, BD14, CLZ23, Hea72b, SHS96, CL09, Ebe83, Gol91, HLM⁺17, MJF⁺10, Pre15a, Xie07]. **modularity** [vdHLM⁺11]. **module** [RRSS20, Teo15]. **Modules** [ACLM23, CM99, Sor97, CML⁺08, Lev15a, Mau16, Rue05, Zha13]. **Moduli** [HJN⁺23, Qi20]. **Modulo** [Vol95, LOW08, MV11]. **molecular** [Bar89]. **moment** [WRW17]. **monic** [CM22]. **monodromy** [LBL20]. **Monomial** [Sch91b, BMT99, BGM99, BP20, D'A15, Fas06, GZ05a, GZ08, LLG08, Rou09]. **monomialideal.lib** [BGLG12]. **monomials** [KiL16, iL15, Mid13, Qi20]. **monoterm** [Liu19]. **monotone** [LLT18]. **monotonicity** [Joy15]. **Monsters** [EDS00]. **Monthly** [Gon88]. **Montréal** [Lev95]. **Moore** [RRSS20]. **mordor** [CJ18]. **Moscow** [Ano08b, AS16, ARS⁺19, ARS⁺21, ABR⁺23]. **Motion** [Kou16]. **Movers** [Dav86]. **moving** [BGJ11, Ste81]. **MP** [BG97]. **MPCR** [Bac97]. **MR** [Min04]. **MSSM** [HJN⁺23]. **Multi** [KSS15, Sch08a, DMH15, GHK18, MX09, MW17, POdCW19]. **multi-cores** [MX09]. **multi-dimensional** [GHK18]. **multi-indices** [DMH15]. **Multi-parameter** [KSS15]. **multi-point** [MW17]. **multi-state** [POdCW19]. **Multi-summation** [Sch08a]. **multicore** [CMX10, Via13]. **multidimensional** [Bos84]. **multinomial** [Qi22]. **multinomials** [Sto09]. **Multiple** [Asl96, Com18, DGL19, GRT10, GMC⁺21, Mat21, OVB15, Ter10, Ter13]. **Multiple-Valued** [Asl96]. **multiples** [BCLS11]. **Multiplication** [BGLM23, BD14, CMPS10, CM02, DIS10, Fat03a, Gen71, HHM10, Kli78, MX09, MJ13, MP10]. **multiplications** [HKS19]. **multiplicative** [HMMR22, Rag15]. **multiplicities** [Zen04]. **multiplying** [HKS19]. **Multiprocessors** [Web90]. **MultiRegeneration** [CRWZ20]. **multivalued** [JN04]. **Multivariable** [MMNR15, jYO20]. **Multivariate** [KM19, KS92, SS98, Sto08, BSBC15, CK04, CsL08, CsL09, DD99, HM13, Ina05, Iwa05, Kal82b, KS19, Lev15b, MT15, NS17, NS18b, Pet08, Rai11, SI08, TMCP22, WR73, Wan75, Wan76a, Wat08, YDH⁺15]. **MuMath**

[AF84]. **muMATH-80** [Sho82]. **Mumford** [BGM99]. **MuPAD** [HKM⁺97, Sor97, Thi08]. **muSIMP** [Sho82]. **muSIMP/muMATH** [Sho82]. **muSIMP/muMATH-80** [Sho82]. **My** [Fat84]. **MZVs** [CDM15].

N. [RRRA03]. **NAClab** [ZL13]. **NAG** [BKR⁺91]. **name** [Ste06]. **NaNs** [Fat99]. **NAOMI** [Bra98]. **national** [Abd84, Las84, Wan78d]. **natural** [Jeb18]. **natural-style** [Jeb18]. **Nature** [Ada96]. **Nauka** [Gak79]. **near** [Mig77]. **Nearest** [Sek23, Ste99, Gra05, RC05]. **nearring** [AY16]. **Need** [Sto07]. **needn't** [CDJW00]. **negative** [DMH15]. **negativity** [ME18]. **Neighbors** [EZ23]. **Nemo** [DRR18, KD18]. **Nemo/Flint** [DRR18]. **Nested** [BFS23, Raa15, Sht77a]. **NETFORM** [Smi74, SvH81]. **Network** [Man15a, DSJL08]. **networks** [Bin87b, BFR⁺18, EV05, Wan91]. **neural** [EV05, Wan91]. **newsletter** [Loo77d]. **Newton** [Jal99, LS16, NOT18, Pér99, Ren17, SN97, SS13, Tri84b]. **Newton-like** [SS13]. **NewtonSLRA** [Nag21]. **Nielsen** [Mac89]. **Nielson** [Dal01]. **Nikos** [Ano14a]. **NIL** [Pur80]. **nilpotency** [dCS99]. **Nishidate** [Ada96]. **No** [Lau77, Ghe10, RS75]. **Noda** [SK16]. **Noether** [BCL23, BGLGMM18, Jen15]. **Nominating** [Wat98a]. **nominations** [Ano13e]. **Non** [Hea72b, Lev10, Mau16, Sat97, BS15, Bal84, CM15, CM22, CMPS10, CPS11, Fat72b, Fri74, Gae99, GR08, Hei15, Jef10, JdM12, KKM15, Lab87, ME18, Moe99, Raa11, Rod84, SE22, Sht77a, Sto17, Stu10, WSW13]. **non-abelian** [WSW13]. **non-algebraic** [KKM15]. **non-associative** [BS15]. **Non-commutative** [Lev10, Hei15, Rod84, Stu10]. **non-commuting** [Lab87]. **non-floats** [Sto17]. **Non-free** [Mau16]. **non-hyperelliptic** [GR08]. **non-invertible** [Jef10]. **non-linear** [JdM12, SE22]. **non-Liouvilian** [Raa11]. **Non-Modular** [Hea72b]. **non-monic** [CM22]. **non-negativity** [ME18]. **non-numeric** [CPS11]. **Non-numerical** [Sat97, Bal84, Fri74]. **non-rational** [Fat72b]. **non-standard** [CM15]. **non-zeros** [Moe99]. **Nonassociative** [CP88]. **noncommutative** [HRR19, LT18, LS03, Lev15a]. **nondegenerate** [ELME22]. **nondimensional** [Hir78]. **Nonexistence** [Ghe14, Li92]. **Nonlinear** [Ber98b, Oku97, Qui97, JPP22, KKM18, Nat92, Rag15, Tsa98]. **nonnumerical** [FB70]. **Normal** [tW99, DI91, ES11, LM12, Mad15a, Mid11, TMV18]. **normalization** [Sto09]. **North** [Bra98]. **Note** [Abr00, GK84, Nor80, UW95, Akr78, Akr87, CE77, CP78, Fat98, Gra05, IK20, Joh75, MM89, MG89, NP88, Sch88, Sti83, Tob70]. **notes** [Fit75]. **notion** [BSBC15]. **Novel** [BSB⁺23, Cha81]. **novelties** [Bah75b]. **November** [Ano91a, Lin98a, Lin98b]. **NSF** [KO13]. **NTOW** [BS15]. **NUCLEOL** [NFIS69]. **nucleotide** [MSP05]. **Nullspace** [ES10b]. **Nullstellensätze** [KPS99]. **Number** [Abr00, EZ23, MPW97, Mon93b, OS23, Ano10g, Ano10f, CJ96, FCW13, Gle86, KS97, KV04, Mat10, Mur09, SS12a, Ste81, Tri84a, Wan75, Zim84b, Zim84a]. **Numbers** [Mur14, SS98, Sto07, Har00, Hir78, Hol04, MSS18, Nor79, Ren82, WGD82, Wee74, Zho82, Zim84a]. **Numeric** [Ano08a, BKR⁺91, LMF12, Rei02, SV93, SW97, CPS11, CsL09, Goy21, Hod11, IMC⁺22, NS17, RSV02, SVZ06, vH84, vdHLM⁺11]. **Numeric-symbolic** [LMF12, RSV02]. **Numerical** [Ano99a, Ano99i, Ano00c, Ano00d, Bal84, BK14, Din09, EDS00, Ged99, MZ97, Mon93b, DGS16, DGK04, Fri74, Ili08, KS03, Ley10, MM89, Sat97, ZL13, vdHL20]. **Numerically** [Bat13, Dec14].

numericalsgps [DGS16]. **Numerics** [SFGZ14, GMC⁺21]. **Nyström** [Cam73].

O [Gak79]. **Objects**

[MP14, Bet13, Nab07, Nie84]. **oblivious** [Sal12, YS10]. **obtain** [SS09]. **octahedra** [Cou15]. **October**

[Ano99j, Ano03, HI93, Vol98]. **octonions** [BS15]. **odd** [DM21, Maz85]. **Odds** [BY02].

ODE [BP20, CTKR99, Cor93, Ged99, HC97, IOP21, Sch94, Wil84]. **ODE/DAE** [HC97].

ODEs

[DGK04, FG03, HOPY19, Ngô11, WSW13].

off [Dav82a]. **Offsets** [CFGVDT18, SSS05].

OGB [McG04]. **OMDoc** [Koh00].

OMEGA [Xam99]. **One**

[Sun73, BM15, BFE20, BvzGG⁺01, Co097, CJ18, CsL18, vdHM20, Bra98].

one-algorithm [Sun73]. **one-block**

[BFE20]. **one-time** [BM15]. **Online**

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[Mai99]. **single** [FN75]. **Singular** [KN98, SI00, Iwa05, Vil98, GPS08, LS03, GPS97, Lev10]. **singularities** [GK16, Nor82, vHK12]. **Singularity** [GPS97, SIK05]. **singularly** [Mad15b]. **singularly-perturbed** [Mad15b]. **Sister** [Zim03]. **six** [Sun73]. **Sixth** [Ano99e, Ano99g, Ano03, Mon01]. **size** [BD14, DHS04, Fre15, MJ13]. **sized** [Nor79]. **skeletons** [Ksi15, Per15]. **skew** [Ayd15, CL15, HL10, LOW08, Man15a]. **slice** [Rou09]. **SLIP** [HP67, SS68]. **slow** [KS81]. **slowly** [Bar89]. **SLV** [Tsi16]. **Smale** [STC22]. **Small** [BI91b, Dav00b, Dav12, KO83, BI91a, DIS10, Duj08, Ebe16, NY03, ST02]. **smaller** [Bah69, Sto80]. **Smallest** [Mur14]. **Smith** [Con90]. **Smooth** [HHS20, ES19]. **SMP** [Fat85a]. **SMT** [SE22]. **SNAP** [CW98, Emi96, Nag07]. **snapback** [HN19]. **Snowbird** [Wan81]. **Society** [Abd84, Sit06]. **softcover** [Qui97]. **Software** [DDK⁺11, Dir00, Mon11, Nie70, Sor97, Ano10a, HSW89, Hea09, HKS17, Joy09a, KRR12, jYO20, Rai11, The10a, Tsi16, Xie07, YFJS19, Zen08]. **solitary** [Rag15]. **soliton** [CHH⁺99, CHH⁺99]. **Solution** [AB14, AP23, Bah75a, Cor00, FMW74, GK85, GCG83, Har77, Hea72c, KYA08, RS75, Sto98, Tut73, BHMM13, Cla69, CMR74, CJ88, Cor93, Fit74c, GK84, GJ74, GJY75a, Hal75, Jen79b, KA99, Lau77, Loo77e, Mor87, Nor78, Rim84, RT88, San71, Sta74, SCWL08, Vil98, Wan16, Zip75, vdR73]. **Solutions** [Ghe14, Izu14, Tec98, Mon93b, Nor75a, vHI14, AKR20, CP12, CDL⁺11, FG03, Ghe10, Gos98, Ili08, LH15, Lee19, LMF12, Mad15a, MS18, Ngô11, Par15, Rag15, SS12a, Ste10, Tro97, Wil84, vHK12]. **Solvability** [SS10]. **solve** [BCCR80, Fat96, Lew04, Mio82, MT15]. **Solved** [WR79]. **Solver** [Sat97, Wil01, Cha81, SE22, WSW13]. **Solvers** [Ber96, BSB⁺23, Li09]. **Solving** [BK04, BGLM23, BJS06, BK14, Buc91, CvHL10b, CHJ⁺97, Dec14, HC97, JdM12, Laz01, Mae87a, MK96, MP11, MC95, Pet08, Roa08, SASG99, SIK14, Sch02, Ste96, Bat13, Bul10, CHH⁺99, CRWZ20, Fat73b, FBOS88, FCB⁺22, GH08, GJM09, GK88, HMSP18, Kot01, Lab87, Ley10, Mai99, MGR⁺08, Mio74, Pan05, Pea84, RZ20, Sch16, TMV18, Tri11, Wol05, Wol08a, Xia07, Xie07, Xue15, YA07, Yun73, ZK11, Zho07, CvHL10a, FvH10, SY22]. **Some** [Bar91, BKR⁺91, Buc91, Buc76a, CHJ14, Dur15, Ebe83, HKS17, Huf15, Hv83, KS94, Kan76, Kor77, Küc82, Nam86, Neu80, PR15, Sit89, Thi08, vHvH87, ÁS99, Bar89, Bel83, Ber98b, D'A15, GGdR⁺15, Gra91, Joy05a, Lev15a, NO91, Sar15]. **sometimes** [Fat96]. **Sommese** [Dec14]. **Son** [Knu75]. **Sonata** [AY16]. **Source** [Dal02, DMP⁺02, Joy08, Joy09a, Joy09b, JČMG11a, Pag07]. **Southern** [Ano99a, Ano99i, Ano00c, Ano00d]. **Soviet** [Mio81]. **Space** [CGKZ05a, CGKZ05b, HJN⁺23, AHM15, Atk81, Dou99, KH81, Nai22, Qi20]. **Space-efficient** [CGKZ05a, CGKZ05b]. **Spaces** [AB14, AP23, RS91, HMMR22]. **Spain** [Gut04, Mon01, RL98, Rob01]. **Spanish** [Mon01, Rob01, Ber99b, Gim03]. **Sparse** [Bak93, CsL08, EK12, FSS15, GLS97, GR16, HNT14, HNRS18, Joh74, LYG12, MP10, SIK14, vdHL14, AGR13, CsL09, CsL10, CsL18, Ebe16, Fat03a, HHM10, HM13, IK20, IMC⁺22, JM10, Kli78, KS19, Man77, MT15, MW17, NS17, NS18b, PM07, RZ20, Row81, Vil98, WSW13, WCF12, vdHL21]. **sparsest** [GRT10]. **sparsity** [CHS16]. **spatial** [Lee10]. **Special** [Dew00b, Gra91, KW97, Mon96, Piq89, Piq90, SB97, SW96, SW97, vH75, Joy09a, Mos69, Öre84, Pig90, Rei02, Sit06, SPA⁺99, Sta10, Win84, Ano95a]. **Specialization** [GLGVTZ00, Mon99, Rue15]. **specific**

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Gri76, Gut04, Har79, Hod11, Hon94, Hon96c, IMC⁺22, IT12, Jef98b, Jen76, KF99, KW97, Kau05, Ke00, Küc97, LR98, Lak96, LLT18, Lev95, Lic11, Mor02, Mou01, Ng74, Ng79, Nor82, Pop98, Rei00, Rei02, The10a, ISS89, ISS94, SN97, Sen03, She07, SB97, SW97, Sun74, SVZ06, Tra06, Tra00, Vol97c, Vol98, Wan78c, Wan81, Wan92, WN90, Wat91, Wat98b, Zho07, AE83, ÁAB⁺16, Bar08, Bel83, Ben08a, Ber99c, BGJ70, BKSS10, BGJ11, BCCR80, BFR⁺18, BCLA82].

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