Title word cross-reference

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

(1 + i) [Wei00]. (1, 1) [FES11]. (i, j) [MP04].
(k, 3) [HJ15]. (N, N) [Sha01]. (n^2 - 1)
[RW90]. (w, σ) [AP10]. (xy)z = y(xz)
[HiJM93, HiJM94]. * [Con93]. 0/0 [Ch08]. 1
[FFP98, Mos08]. 1000 [RDU03]. 112
[KLZA12]. 12 [BCE+01]. 15 [KM00b]. 17
[Wil93]. 2
[AKS12, Cre01, DS02, Eic10, GS12, HLM95,
JPPSG09, Kos07, Sha01, SW97b, Wil90].
23 ≤ n ≤ 26 [Ng89]. 2^6 [Wur93]. 2A
[Mat01b]. 3
[JWC+16, LN13, LMM05, Wil90]. 32
[Ano01f]. 5 [GSHP12, Har13]. 6 [Har13].
\[ y^2 = x^p - x + d \text{ [LLL08]} \]

- [Wy93, Wil90]. -action [MP89, van93].
- adic [AIRR12, BR87, MF90, Win88].
- adics [Lim93]. -algebras [BMQS06, LH18].
- Algorithm [Cuy97]. -analogue [CHM05, PP11]. -ary [Wei00]. -bases [Doh09, HKH17]. -basis
- beam [KP91]. -binomial [Kra95].
- difference [AR13]. -Dimensional [Nor95c, JC16, Nor95b]. -discriminants [AP10]. -Expressions [OPP93].
- extensions [Sch17b]. -finite [CvHKK18].
- Fold [Koe95]. -functions [Eit94, NN10].
- homogeneous [MR17]. -Hypergeometric [BK99a, Ric03, Zha03, Mat01b].
- modules [CJUE01, CJUE06, Mon05, OTW00, OT01, TW01, Wal05]. -norm [KS06]. -orbits [He96]. -orthogonal [FKTS12]. -Partitioning [Gün90]. -power [SK12]. -problems [Con93]. -puzzle [RW90]. -recursive [MS10]. -resultant
- MF93, FC04]. -resultants [Chi01]. -Roots [BF91]. -saturation [DMY16].
- sequences [CLM16]. -simple [BE13].
- solvability [Ngu90]. -Steps [Wir12].
- subgroups [He00]. -sums [Naw16].
- systems [AP08]. -theorem [PS95c].
- threshold [HT17]. -transformations
- Wy93]. -types [EL12]. -unification
CR88, CS06, Cza89, Duv94, Enc95, For87b, GSS05, GPWZ02, GSST98, GKO09, GVGC99, Gre00b, HPRS11, Hes02, HSW97, HKSS17, Hub99, IS10, JKP12, Kal93, Kal01h, KR94, KFF88, KLZ96, LM89, Laz92b, Lee08, MM00, McC88, MC02, Mil87, Ming97, NT17, Nau98, Poh97, Ren92a, Rie92a, Rie93, Rie88, RS90, SF90, SJA01, SGD97, Sed02, SME87, SW97a, Sen02, SS95, SU93b, Smi02, Str97, Str06, Stu91, TM89, Tra98, YNT92, Zha90, van94, van97c, vdP99, AV11, AMT09, AS05, ASS07, AS07, Alc08a, Alc08b, Alc12, BGLHR12, Bas06, BR10, Bay03, BJS04, BP11, BDE +16, BK15, BS09.

**algebraic** [BCGY12, CR98, CFMMP10, CDM +13b, CDM +13a, CM16, CJL13, DJO +11, DM09, DGPP10, DM05, DJK05, DMR12, DDM15, El08, ES13, FGvN06, Fit85, FGPT03, FGL04, FG05, FGT09, FKG09, Giu88, Har13, HS17a, Hii87, IT10, KZ08, KS12b, KKM15, MM16, MCMMPR14, MSW15, Mer10, Mor91, Pra13, Qi06, Rei06, Rio03, Sag88, Sag89, SS11, Sha13, SvE14, Ste05, Sti03, Stoi17, Str16, TN09, VL10, Wal05, XY02, Zen06, dG09]. **algebraically** [Ste10].

**Algebras** [BS90b, BR87, BH02, DR92, Drä01, Dim94, EG00, GJ96a, HT95, Let01, Rön90, Ros93, VL93, Vel00, dg09, AL88, BMQ06, BDM17, CGGO09, CGS97, CS08, DFdG13, Dra03, EG04, Eic10, GIL88, HL18, IK13, IL09, KP13, KRW90, Lab90, Lea06, LZS11, LH18, LW03a, LW03b, Li10, Mad14, M09, MM04b, OdR09, PRR18, QR07, RR05, Roo13, RR08, Shi04, Wur93, dG09, dGPS09].

**Algorithm** [AS01, ACM88, Ams88b, AMS88a, Bahn01, BO10, Baj86, BP99a, BL98a, BE97, BL85, BC93, CM96, CGG89, CS90, CD00, Col2, CF94, CKS99, Cuy97, Cza89, DR00, Die92, For02, Ga93a, GM88, HNVL90, Hemo02, Hen98, HKK17, Heb93, Heb95, 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, Pile87, Poh87a, PW94, Ro86, Ros93, Sch90b, Sch95, Sed02, SL92, SS94, SS98b, Sho95, Sim90b, Sit92, Sny93, Ste97, Sto90, Tak92, Tak95, Tho02, Tra90, Tra96, UW96, Van00, VL93, Web96, Wei00, XY02, ZSY93, Zha95, van94, AV11, AGR95, AL88, BV03, BFS15].

**algorithm** [Bay03, Bel04, BGMSG07, BvdE03, BLV16, BLV18, BMQS06, Buc06a, BK12h, But88, CL17, CHM05, CHM12, CV04, CK12c, DA05, DHM11, DH17, Dum09, DLLP08a, EP10, FDS13, FP09, FG06, FSW10a, FW15, GHMA13, GS93, GKM08, GOT05, HBN95, Har12a, HJS16, HJA17, HTX15, IMP17, JY17, JV09, KSW13a, KS12a, Kin14, KS86, Lab90, LS12, LHR15, MM06, MRG17, MS11b, Min98, Moe05, Mu08, MH06, OdR03, Or09, PDS98, PS99, Pup05, Ree98, Ren04, RT17, Rue11, RSS13, ST89a, Sch04, TM85, Ts09, Vil11, Wan06, WS09, Wur93, Zha03, de98, van93, CCD09, Rout09].

**Algorithmic** [BGLHR12, BENW06, CDO01, Kal98, Ley01, Ley04, LH17, Mar02, MM00, Pas86, PRR18, RS00, SK12, Wal00, Wal05, CS06, GS07b, JLW13, Rad15, Sch17b].

**Algorithmical** [FGL04]. **algorithmically** [BM04].

**Algorithms** [JKP12, ES13].

**Algorithms** [AGS16, AT96, BZ85, BP99b, BKRW17, BTW93, BM01, BK99a, BDS17, Brot93, CM10, CM12, COD97, DG14, DF08, ER95, ES98, EC95, FES11, FGPT03, GvPS00, GKLS93, GSPBS12, Grä95, HH13, HM05, Hel16, HLS01a, HS98, HI94, Hub00, IPS11, KN11, KL98b, Koe95, Koh08, Kop08, KL89, Leo91, LRW97, My90, MO88, MR98, MC93, MC02, MNJ94, Mon97, MR15, Moo96, MQS99, Naw16, Nie94b, Nip91, Oak13, Ost99, Pan02, Pic00, SS92, Sch01, Sha90b, SH17a, Tun09, WBM99, Wor94, ACFP12,
AGS18, Arn03, BS18, BP09a, BS17a, BCG10, BDL+13, BCGY12, CCG06, CDD+09, CL07, DF05, DMW17, DJ15, EF17, EH16, EMSS16, FM17, Gal87, GH12, Gen07, GSPB17, GSSV12, GOP18, HL04, HdC13, HdC16, JB04, KS03, Kau07, Ker17, KL90, KL17b.

algorithms
[Le07, LYY, MO85, MR10, MZ05, OO13, OS04a, Rob04, RdC13, RS13, Sh88, VAC17, ZL12, vdHS06, vdH07d, vdP05]. alkane [LMM05]. Almost [Fas10, Wei88, Wei90, BLV18, BK12b, Li10]. along [Gal16]. Alternant [BF01]. alternating [Val11, WO06]. Alternative [BH02, Gar95, JML13, SS03b]. always [BLV18]. Ambient [GTLN17]. Amenability [DMW17]. among [Mor13, Ye17]. amortization [Burr16]. Analogical [YX95]. Analogs [Mil96]. Analogue [Wei00, CHM05, PP11]. analyse [JSC13]. analyses [BLV16]. Analysing [DS96, PS97a]. Analysis [ABP96, CL00, CM96, Cra91, Eis90, GV99, GS07b, JKP12, Key01, KM01, Li04, MC97, MR87, NSW85, Sch94, Tra00, Wan94a, BCE11, BM13, BF11, BW03, Bur16, BG05, CFM10, CM96]. Analytical [Mer10, MRSW07, MSW15, Nak09, Sag14]. applied [Dav88, MQS00, AP90, Bar13, Par08]. Applying [GV96, SJ12]. Approach [AK92, Ape95, BT98, Ck99, Du99, For87b, FK95, Fu90, HY96, Ley01, MM97, Min97, OZ94, RS00, San01, Sch93, Sod96, Tak92, VV97, Wer98, WG94, Wor94, YNT94, ZS01, BPH07, BKSS12, CR98, CS06, El03, FGVN06, GS07b, JMV18, Kho09, KPT15, KZ10, MP17, PV13, Rad15, Sch03a, SS03b, Win88]. Approaches [MPS02]. Approximate [EGB12, HPK09, KMY08, KL98a, Nag11, Tun02, vGMS10, AV11, CM06, Der13, LIA13a, LIA13b, MR09, MSW15, Nak09, Sag14]. approximately [RSS13]. Approaching [For02, Hon04]. Approximation [Far97, FF92, Mi87, BC05, CJL13, LOOR+03]. Approximations [BX97, GR10, KL93]. Aquarius [BH95]. arbitrarily [DO06]. Arbitrary [FG07, Klen96, SS89a, Tra98, Bil11, Bur04, FS10, FS13, Har17]. Architecture [EW00]. Architectures [CM96]. areas [Tsa16]. Arising [GH02, Deu03, Ye17]. Aristotelian [Moz89]. Arithmetic [CJK02, CW90, von87, Abb12, BPZ06, BGLG17, CV11, CH17, EPY98, GJT13, Har14, LMS09, LMRS11, Na18, OT13, Sag14, ZWM15].
arithmetically [DH16]. arithmeticity [DFdG15]. arithmetics [DS12].
arrangement [HDPS11]. arrangements [BDPR13]. Array [Sak88]. Arrays [CM93, MG88, Tor93, Joh15, LH98].
Artificial [FL11]. Artin [AK00, Bok08, DS12, Sut13, Sut16].
Arrangement [HDPS11]. arrangements [BDPR13]. Array [Sak88]. Arrays [CM93, MG88, Tor93, Joh15, LH98].
FL11, FES11, FEV16, Fer88, FFP98, FD14, FK04, GH05a, Gat03, GHMA13, Ger06, GTZ88, GksL03, Gö98, GMP13, GSZ13].

bases [Hal13, HH07, HM09, HP91, HHHK17, IvH17, IL09, JNSV17, JG09, KRW90, Kap86, KSW13b, Kha14, LL09, LL13, LLM13, LS04, LO09, LS11, LS12, Lev07b, Lia13a, Lia13b, LH98, Mad14, Mar08, MRW17, MM04b, MRG17, Mau87, MR13, Möl88, MW10, MS03b, NT17, Pau07, Po95, QR07, Raa12, Raj06, Raj06, RS16, Rei06, RR05, Rout8, SIS11, Sch17a, Sch05, SS88, Ste13, SS03b, Szi17, WO06, Wal03, Wei03, Wei06, Wib07, Win88, ZW08, WRI09].

Basic [Buc87, MQS99, NRS89, Kra95, Naw16].

Basis [FT95, FF92, FD14, GHC92, Hon98b, HS00, Hre94, JL91, KM99, KM01, MR98, MM00, ÖS94, Pan99, Pau92a, Tay02, Tra00, van94, AfDS15, ACFP12, AH05, BFS15, Bok08, BD09, BM16b, Buc06a, CW03, CCL05, DSO9, Ede13, FMTT13, Gon17, GSW11, GSSV12, KRK88, Kho08, LO08, Li10, LOOR10, MAN10, SS16, TUÖ05, Tsa16, Val11, ZS01, ZL12].

Baumslag [Sim90b].

Baumslag-Cannonito-Miller [Sim90b].

Baxter [GM07].

Bayesian [GS05].

be [KMN88, MS09, vdH02].

beam [KP91].

behavior [Alc08a, Alc08b].

behavioral [NOF10].

Benchmarks [AK92, FOT00].

bending [Loj13, Roq17].

bisection [Bur16, Col17].

bisection-based [Bur16].

bit [vdHL13].

bit-complexity [vdHL13].

bitangents [PSV11].

Birational [El05, BBC17, SS88, Sta16].

Birkhoff [CIL07, GV96].

birthday [GW11].

bisection [Bur16, Col17].

Bivariate [DE02, LPR17, McC97, Sch99, YNT94, vW95, Ave09, BLPR15, CM14, CK04a, DET09, Fer06a, Fer06b, Khe03, Sal08, Wei13].

Black [BP00, KT90a].

Blackboard [DJ96].

blending [PDS03].

Block [Tho02].

Blockhandler [Ric92b].

Blocks [HLM95, Moe05].

blood [Sad17].

Board [Awe12f, Awe03b, Awe03c, Awe03d, Awe03e, Awe03f, Awe03g, Awe03h, Awe03i, Awe03j, Awe03k, Awe04c, Awe04d, Awe04e, Awe04f, Awe04g, Awe04h, Awe04i, Awe04j, Awe04k, Awe04l, Awe04m, Awe04n, Awe05a, Awe05b, Awe05c, Awe05d, Awe05e, Awe05e, Awe01a, Awe01b, Awe01c, Awe01d, Awe01e, Awe01f, Awe01g, Awe01h, Awe01i, Awe01j, Awe01k, Awe01k, Awe01l, Awe01m, Awe01n, Awe01o, Awe01p, Awe01q, Awe01r, Awe01s, Awe01t, Awe01u, Awe01v, Awe01w, Awe01x, Awe01y, Awe01z].
Ano12l, Ano13a, Ano13b, Ano13c, Ano13d, Ano13e, Ano13f, Ano13g, Ano13h, Ano13i, Ano13j, Ano13k, Ano13l, Ano13m, Ano13n, Ano13o, Ano13p, Ano13q, Ano13r, Ano13s, Ano13t, Ano13u, Ano13v, Ano13w, Ano13x, Ano13y, Ano13z.

bodies [SPZ10].

body [Oll88, PY05].

Boer [Toh10].

Bombieri [Boy93a, Boy93b].

bonds [HLSS15].

Boolean [BJSS89, BD09, BD13, BS87, Eit94, Kon95, MN89, SIS+11, VB03, Zha94].

Border [BL17, BM16b, AFT08, LLM+13].

Borel [BLR13].

Borwein [PP11, And95].

Bottom [DS15].

Bottom-up [DS15].

Bound [Yap91, BMS17, Col15, Col16, Dum09, Eng10, GKKMO08, KS12b, MR10].

boundaries [CDM+13b].

Boundary [Cou00, Mil92b, BR12, Ros05, RR08].

Boundary-Value [Mil92b].

Bounded [BS86, BP09b, Dur94, Gre16, Ric92a, Yam94, CHSS05, SSS05].

Bounded-degree [Gre16].

boundedness [Mic13].

Bounding [BR10, SH17b].

Bounds [Abb13, BS10, BTW93, Boy93a, Boy93b, DS00, GZ89, HH98, HM02a, Hon98a, Laz92, Mig00, Wei94, Yam94, BDS17, Bus09, Col04, DJ07, GOP18, HM16, HHT18, KM06, MR13, MS10, MZ05, dCW09, vdHS06, vzG13].

Box [BP00, MC02].

Boxes [KT90a].

bracket [LW03a, LW03b].

Bradley [PP11].

braid [BV06, Bok08, PY94].

Braids [Bur01, Bur03].

branches [HH07, HH09, HH13].

Branching [Dur94, SS96a].

Brauer [Bri06, Wil93].

breadth [LZ12].

bridge [KPP15].

brief [GG12a].

Brieskorn [Sch04].

Bringing [LMRS11].

Broker [ABP96].

Bruhat [Dra05, DPS17].

Brun [BLV18].

Bruno [AKR11, Buc06a, HKP+06].

Buherberger [HP08, AL88, AKR11, AT96, BMQ06, Buc06a, CM17a, Cza89, FD14, GM88, Hem02, HKP+06, HP07, KS86, MM88, Re98, 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, LM16].

C [RW94, BFK02, KZ08].

C-finite [KZ08].

cactus [BR13b].

CAD [Bro01b, HJX16, HDHX17, HLS01b, MH16].

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, ST98, Tak92, BW05, BKSS12, DG14, DZZ04, Gau09, TM89].

calls [LCQ+10].

Can [Mon97].

Canal [LSW01, PP97, DZ09, VL16].

Cancellative [Wal02a, Wal02b].

Cancellativity [NO98].

Cannonito [Sim90b].

Cannot [BCE+94].

Canonical [Cha00, Dür89, Ste03, Wei03, van97c, AP10, LM92, MM09, Sh88].

Capabilities [Pel97].

Capable [Sak88].

Cardinality [LM94a].

career [GK12a].

Carlitz [Top14].

Carmichael [Arn95].

Cartan [DFG13, DZZ04, HT91, NPD09].

Cartesian [DDR11].

CAS [Kad13].

Case [BGH93, Bür89, EH16, HM02b, Hre94, Laz85, LZ12, Min02, Pip91, PH87, Sha90b, von90a, von90b, BR12, CIM17, DHKS09, HT17, KS12b, KS12c, Min03, PS95c].

Cases [Ott91, GG92].

Castelnuovo [BGM06, HH04].

Catalogue [Le 86].

catalytic [Gon17].

Catastrophe [Cow92].

Categorical [Sto99, SKL11].

categorically [BGS11].

Categories [BH00, BBC+11, Der13, DDR11, FGR03].

Cauchy [LR01, Sch17a].

Cause [SK91].
Kal00, LPY01, LM89, Lev99, LR01, Lüb02, Mar02, MF90, Mau87, Ous91, PSZ91, PC98, PZ92, PS95a, PD07, QR07, RT85, RS90, Sa94, Sav90, STA94, She97b, Shi04, Ste97, Tes99, Tho02, UYSA89, VV97, Vas00, VGT90, Vor89, Wal00, We00, WBM99, Zha96, dB89, AH05, Arr16, ACS13, BHLGO15, BGH+04, Bar13, BE13, Bau15, BCLR13, BFH17, BFSS06, BBKK15, BSC12, BR88, BS15, CFS07, CM17b, CN07, DM09, DDM15, DPS17, Eli04, Els12, ES13, EFG16, ERSG05, EH16, GS03, JFMRS12, KS06, KS12b, KS04, Kut10, LLM13, LL08, LL16, LS12, LJ09, Lia13a, LHK+13, LLLL08, LLL13, MM04a, MK17, MS03a, NS16, Par04, PT14, PS95c, PNM13, Poh97, PS97b, PS98, Poh97, van94, ABKR00, AKR05, AK00, AH13, AL06, ABMN10, AV00, Bah01, B004, BR09a, BP99a, Bas06, BEP13, BS88, BG11, BMQS06, BKR99, BCR11, BS04, BR87, BL12, BJS+07, BTBM00, BL10, BEM97, BLW03, BC89, BC91, CHH01, CCH01, CH04, CHSS05, CS97, FD92, CMP87, CH91a, CD00, CDM+13b, CS99, Con90b, C797, Dab97a, Dab97b, DH07, DFM11, DFdG13, Dmy16, Dun99, Dür92, EW86, EW02, Eic02, ES98, Eli04, ES11, Enc95, EG07, FS98, FS16, FGVN06, Ga95, GS05, GS16, GHL+, GS90, Göb95, GT117, Hal13, Hal01, Har17, He96, He00, HM09, HMX07, Hes02, Hö01, HH99, Hu99, Hu13, IvH17, Jan11, JNS17, JS07, K93, KT90a, KK88, KZ08, KP97a, KS97, KW88, LS98, LGPS91.

Computers [BS01, BdS01, Bos01, BK90, Cha00, EL12, Gh05b, Jac97, KP13, Kal97b, MCMMPR14, Mic90, Ren92a, Ren92b, Ren92c, Sha13, Stu91, YXL99, Bar13, Ber04, BCG90, CR98, DMS06, GKM05, K17, KE17, Mer10, Poz15]. Computations [Ape98, Bec90, BPR13, But85, CDO97, Cuy97, Dab01, DGS10, DSV01, HKK98, Kal02, Lim93, Mee94, Mro96, Pau92a, Whi91b, von87, ABFS15, B09, DK16, Edel, Els15, E98, GIM07, HPRS11, LR15, Theo6].

Computer [BH00, Die92, Mau00, NY99, BV03, EMSS16, FSW10a, FPGT03, He16, Jy17, OdR03, OdR09, Pop15, van93]. Computer [AP90, AGM97, AP93, A99c, BC01, Bel03, BGH93, Ber93, BK99a, CP97, Cap90, CO01, Cav86, CF91a, DGS96, Dav88, Dav02, Die92, Div91, Dj98, Ebc01, FS95, FM02, FK99, GV99, GS85, GZ90, Gre00b, HS95, JTS03, KSK98, KKL92, Koe92, KG03, KR97, KD90, Lab95, LS02, NM990, OT87, OZ94, Par08, PW90, Pr00, Rob97, Rd91, Ryb90, San95, Sch96, Tra07b, Ve97, Web95, W95, WBM99, YP91, Zha93, AG91, BW05, CS05a, CLS91, DT06, FGPGP14, JMPR04, KASW05, MSZ09, NS16, Oll88, PS89, SBM03, Yok17, KK09]. Computer-Aided [W95, DJ89, KD90]. Computer-Algebra [KKL92]. Computer-assisted [FM02].
RT17, SLK11. data-discriminants [RT17].
Database [GP96b, FGR03, JR06, Moz89].
Databases [AB00b]. Dataflows [YI94].
Davenport [SS90]. Dealing [DM05, LO96].
death [KKK17]. Debugging [DL93].
Decidability [GSSST10, SS96b, BHSS89].
Decidable [ARS10, Ott91, SSS02, Sta89].
Deciding [EW00, GRW16, Gri88, DH16, DF09].
decimic [BP10a].
Decision [ARS02, BS96, CCG06, Ren92a, Ren92b, BE10, Bus09, GX04, STDD16, SS03a, Ye17].
Decisions [MGL00].
Deciding [ARS10, Ott91, SSS02, Sta89].
Deciding [EW00, GRW16, Gri88, DH16, DF09].
decimic [BP10a].
Decision [ARS02, BS96, CCG06, Ren92a, Ren92b, BE10, Bus09, 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].
Decomposing [Pis02, Wan08, FP09].
Decomposition [AF88, Arru88b, BZ85, BR87, BRM01, BCRS89, Bro01a, CH91b, CJK02, DTV01, EG00, GR02, GRS02, HLM95, HLS01b, HLS01a, HS00, Hub00, KL89, KL296, LSW01, LA295, MS00b, McC88, Mon02a, PS00, PS93, RZAG99, Rus87, Rut92, Rut93, Saut01, SY96, ZG09, von90a, von90b, AG995, AF08, BGLHR12, BBCM13, BE10, BDE16, BK15, BIS16, CM12, CMD+13a, CM16, DPS17, Dur09, EG04, FGT05, GTZ88, Go08, GJ14, HOP06, JPS13, KMYZ08, KN11, KL90, Li04, MSW15, NY04, OO13, OdR03, OdR09, Rou09, Ste05, Str11, Str16, Str06].
Decompositions [Ae02, ACM88, Bea92, CFM96, Ka94, Kli99, MC02, vW95, AP04, Bur04, DFdG13, GKO09, GSSV12, LPR17, MRSW07, Rob09, Zie16].
Decoupling [BN17, Wlo02].
Decreasing [BFHT85].
Dedekind [For87a, del95].
Deduction [Ahn01d, Aj01, BH95, CH85, CH86, DS96, She97b, Tak91, GSSST10, TRRK10, Com98a].
Deductive [AB01, CP00, DR93, GP96b, Tra89, Moz89].
Defined [SJG96, Sto11].
Defect [HLM95, CC07].
defectivity [Aho10].
defects [Mor11].
Deficiency [GRV17].
Default [SJG96, Sto11].
Defect [HLM95, CC07].
defectivity [Aho10].
defects [Mor11].
Deficiency [GRV17].
Default [SJG96, Sto11].
Defect [HLM95, CC07].
defectivity [Aho10].
defects [Mor11].
Deficiency [GRV17].
Default [SJG96, Sto11].
Defect [HLM95, CC07].
defectivity [Aho10].
defects [Mor11].
Deficiency [GRV17].
Default [SJG96, Sto11].
Defect [HLM95, CC07].
defectivity [Aho10].
defects [Mor11].
Deficiency [GRV17].
Default [SJG96, Sto11].
Defect [HLM95, CC07].
defectivity [Aho10].
defects [Mor11].
Deficiency [GRV17].
Default [SJG96, Sto11].
Defect [HLM95, CC07].
defectivity [Aho10].
defects [Mor11].
Deficiency [GRV17].
Default [SJG96, Sto11].
Defect [HLM95, CC07].
defectivity [Aho10].
defects [Mor11].
Deficiency [GRV17].
Default [SJG96, Sto11].
Defect [HLM95, CC07].
defectivity [Aho10].
defects [Mor11].
Deficiency [GRV17].

Descriptions [NNN98]. Descriptive
[Ave86].
Design
[CM93, DY97, GKW98, HNS95, Jir97,
Pad96, UYS98, AHKY09, LS04]. Designs
[Key01]. Desingularization
[CKS16, Bec09, BE11, U.05, PP17]. dessins
[HIJ15]. Detecting
[AH05, BL98a, GR11,
Kal01b, RSV09, Sch91, KL17b]. Detection
[HS97, AHM18, JWC 16]. Determinant
[Vil11]. Determinantal [PV13].
determinants [HNE16, HHLQ13, MM04a]. Determination
[LM90, LW01, Zen06, FGL04, PS89, SK12].
determine [HBN95, SS88]. determined
[Sza08, Tsa16, Wer12]. Determining
[Hen98, LS16b, Mie88, Sch85, WZ12, Yan99,
YXL99, FK89, LH17]. Deterministic
[Gao01, GLK04, Kal87, MO98, MS11b,
Pol95, ST89a]. Deterministic
[AB00a]. devoted [HKP +06]. DeWitt-Seeley-Gilkey [GK94].
DeWitt [GK94].
Diagonalization [HM97]. diagonals [BDS17]. diagrams
[STDD16]. Diatomic [OT87]. Difference
[Bro00, FHR99, GV99, Hen98, HS99, Lev00,
Wol00b, AbvHP11, AR13, Cha14, Dun99,
FGH08, FSW10a, FSW10b, GLY09,
GVZ09, GYY17, MF13, LY15, Sche08,
Sch16, SVE14, ZG09, ZW08].
Difference-Differential [Lev00, ZW08].
Different [Egl96]. Differential
[Ano01e, BP99a, Bar99, BRM01, Bro92,
BEM97, CDF92, CV00, Com88c, CS99,
CSTU02, Die92, Dun99, GC93, Gr90, GSZ13,
Hv95, Hub99, Hub00, Hub09a, Kov86, Lev00,
LS01, MC97, Mi87, Mi92b, Mor99, Ø849,
RT89, SV92, Sch99, Sch85, SS95, Sin90, Sin91,
SU93a, SU93b, Sit97, Tra06, Tsa00, ULM94,
Van02, VRUW99, Vd99, Wan91, Wan99,
WBM99, Zha96, dv96, van97a, van97b,
vP99, ABK15, Abr17b, AMW12, Arr16,
BGLHR12, BP99a, BCE11, BE13, BLP13,
Bil11, BD12, BLM10, BLL+16, Bro90b,
CVH04, CQ12, DJO+11, DS86, Dra03, DP09,
FSW10a, FSW10b, Fre04, FK89, GH05a,
Gao03, GVZ09, GGG06, GHL16, GIV16,
Gol06, Gol08, GKO09, GTO15, GOP18,
HT91, HI98, HIL87, IVH17, JLR03, MS03a,
Mi93, Nak16, NNvdPT15, Ngu09].
differential
[PH11, RR08, RS10, RS11b, Rue11, Ulm03,
ZW08, vH07a, vH07c, vdP05, vdPT15].
Differential-difference [Dun99].
differentials [HH07]. Differentiated
[Mich91]. Differentiating [AZ90].
Differentiation [Wan94a, HLXL18].
diffgro2 [MC97]. Diffusion
[BH95, Bon96]. Diffusive [Mag89]. Digit
[Jeb95, Rou08]. Dilated [BVW18].
dilogarithms [Bad06]. Dimension
[Chi96, GHH+00, Lev00, MR13, Meg90,
Vor99, BMNB+11, DHO10, Gau09,
Giu88, Kcw88, Lev07b, LV14, MRSW07,
MV13, PS89, SH04, ZW08].
Dimension-dependent [MR13].
Dimensional [ACM88, ARE02, FGLM93,
Laz92b, McC88, Nor95c, Sak88, AKR05,
BRM01, Buc06a, CGY09, CGG12, CJ15,
Dur09, FMR04, HOP06, HPP09, HSV08,
JWC 16, KMH89, LST03, MW16, MM04b,
MP04, Mon02a, Mos08, NT17, NY99,
Nor95b, PP17, PS13, SS99, Shp14].
Dimensions [AP08, EW86, EPW90, BLV18,
MS11a, PH11]. Dimer [BGGH93].
Diophantine [AP11a, Cip08, CF98, CK99,
FT95, PT98, PV00, PV02, We88, Wei90].
Dirac [TM85]. Direct [ZSO1]. Dirichlet
[OZ94]. Disc [Pan96]. discipline [CLS91].
discontinuities [AP09, FL11].
discontinuous [JT03]. Discovering
[APS12, SLX+13]. Discovery [Wil95, Sil04].
Discrete [MM00, OZ94, CM09, Gan09,
KKK17, MS03a, Vac17, VM14].
discretizations [WR109]. Discriminant
[HM02a, Lip93, Sma96, IMP17, MM06,
Mor11]. Discriminants
[Mc99, Nie12, CC07, LM09, RT17].
Discriminator [Bur92]. Discussing
vdH07b, FP09, HDPS11, JGF09, KSW13a, KSW13b, PS18, Sal08, FGLM93.

Efficiently [CKR04]. Ehrhart [BS15].

eigenfrequency [KP91]. Eigenspaces [MT01]. Eigenvalue

[For02, CGK09, HHLQ13]. Eigenvalues

[Qi05, Qi06]. Eigenvectors


[AM88b, Bro90a, Bur04, DS86, Lüb02, Bad06, DHKS07, El 03, PV13, SR07, ZWM15, Zha03]. Elements

[BBB92, CH96, Ga´a95, KT04, YNT89, Buc06a, CF09b, GTLN17, SS16]. ´Elie

[NPD09]. Eliminating [KL17a]. Elimination

[Arn88a, AM88b, CH97a, CH91b, DH88, DS02, DY97, EW00, EM99, Fer96, GV96, GVG99, 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, XLY15, Zan94].

ELISE [Die92]. Elliptic [Car99, Cre01, Gar95, HH98, Kid02, MV10, BGH+04, CV11, FG08, Gau09, Hub09b, Sad16].

Embedded [BE11, BCS97, KL17b]. Embedding

[BS87, Rd91, Vel00, LL13]. Embeddings [GR01]. Empirical

[AGMT98]. empty [Fer98]. encodings [Vat12]. Endomorphism

[GHS01, Sch90a]. endomorphisms [DL06, HLSW16]. enforcement

[LMA11]. Engel [CdG09].

Engine [WK86]. Engineering

[KC01, Mer01]. Enriched [Lab92]. entries [MM04a]. Enumerating [Yon89].

Enumeration

[CP00, CG02, Lin91b, LMM05, Sin91, HV16, Pel03a, FGS09b]. enumerative [DaZZ04]. Enveloping

dG01, AL88, FS98, IL09]. Environment

[DGS96, HL98, BPT11]. environments

[SMB03]. epidemic [BENW06]. equal


Equality

[Dav02, Hsi87, NR95, BPT12]. Equation

[BTG02, FT95, FHR99, Hv95, Hub99, Wo00b, Ar16, BL06b, Bro90b, DZ09, FGG+16, GH12, GIM07, KP91, LL16, Maw88, Mii93]. Equational

[AB99, BS96, BS86, BHSS89, CZ92, CL89, DR93, GR10, HK95, HKK98, JM95, Lyn07, Mc92, Pau85, QW96, SS99a, SS99b, WG94, AHL03, LM94b, Plo03]. Equations

[AP89, AK00, AH05, BP99a, Bar99, BGH93, BF91, BGK86, Bro92, Bro00, CDF92, CV09, Cha99, CFS9, CM93, Com98c, CS99, CSTU02, CKS99, Cza89, Die92, FM02, GPP93, GP96a, Gaa00, Gaa02, Gan91, GC92, GH97, HH98, Hen98, HS99, HPT02, KST93, KFF88, Kov86, LS01, MC97, Mar96a, Mil87, Mil92b, Nau98, PV00, PV02, RT89, SV92, SSS02, Sch9, Sch85, SS95, Sin90, Sin91, SU93a, SU93b, Sit97, Sm96, Sny93, SBB+95, Tra98, Tum02, Uln94, VRUW99, Vfd99, Wan99, Wo02, YNT92, Zha96, dy96, vdP99, ABvHP11, AR13, Adl16, AP11a, AC04, AHL03, BV03, BP09a, BB10, BPZ06, Bi11, BD12, BR05b, Cha14, DJO+11, DS86, DP09, Dts06, DJ89, EG15, FGH08, FSW10a, FSW10b, Fre04, FK89, Gal87, GH05a, Gao03, GGG06].

equations

[GSZ85, GR98, HL17, Heu98, HTZ04, Hen06, IwH17, Izu16, Kut07, KKM15, MP09, Nak16, NNVdPT15, Ngu09, PH11, RT17, RR08, SvE14, Tum09, Uln03, ZWH11, vdH07c, vdP05, vdPT15].

equilibria [BENW06]. Equisingular

[CGL07]. Equivalence

[BL93, HS90, NNVdPT15, Bi11, CF09a, MS16, MV15, S88]. equivalent

[CO96, Nak16]. Equivariant

[GG99, Wor94, BK16]. Errata

[Ka10, KL90]. Erratum [AP04, DHM11, Fer06a, HJM94, Hi05b, Sag89]. Error

[Che85, Kno92, Kno93, Mro96, VGT90, BP09b]. error-correcting [BP09b]. Error-Functions [Kno92, Kno93]. especially [Sut15]. Essential [Hub99].
vdH01, CCD^+09, CM04, JB04, LS16a, LMRS11, RS13. Faster
[AGR16, AIRR12, BF91, Har09, Har14, Hre94, MR10, Roj99, CL17, Riv03]. Faugère
[Abb17]. Favorite [Kal00]. feasibility
[AIRR12]. Feasible [von87]. Feature
[Bac94b, DR92]. Features
[Buc87]. Feedback
[DYA97]. Fermat
[HS09, HJ15, Lee17]. Fermions
[Hug90]. Few
[KM00a, Bas06]. Fewer
[BS90a]. Feynman
[BKSS12]. FFT
[Van02, vdH10]. FFT-like
[Van02]. FGLM
[BTBQM00, DH17, FM16]. fiber
[RS16]. fibers
[CTV16]. Field
[Bro92, Bro00, Gre95, HJ15, LM89, McN92, MQS00, Rut93, SW97a, Str97, van94, BFH17, CK12c, DM05, EPY98, PZ12, Sch08, Wen06]. Fields
[AF00, AH01, Arna88a, BCS97, Bru01, BW87, CcK02, Dav94, DS97, EG00, Enc95, FGT02, Ga93a, GPP93, Ga95, GP96a, Ga00, GvPS00, Gie98, HM02a, MQS99, Rut93, SW97a, Str97, Van94, BFH17, CK12c, DM05, EPY98, PZ12, Sch08, Wen06]. Fifteen
[But93]. filtrations
[MS02]. Finance
[BTG02]. finding
[AF00, BP98, FT95, Ga93a, GLW99, Ges95, Jeg95, KKM15, Lo98a, Lo99, MM00, Sak88, Tak95, Tra98, Vat12, VA11, BN04, Bil11, Buc06, FG06, HNE16, Pan02, Raas12]. finite
[DH07]. FINGER
[Wan86]. Finite
[AH01, BB92, E99a, BM01, BCS97, BL96, BL93, CH91a, Che85, CO94, Dav94, DHI98, EG00, Ebe01, EW02, GvPS00, Gie98, Gl88a, Gl88b, Gre95, HS99, Hö01, HI98, Kal87, Kar85, Kem96, LM90, MV90, NG93, Nie94a, Nor95d, Ous91, PW90, Rón90, Sak88, Sho94, Tha93, TL96, Wei94, Zha92, vG90, von90c, vzGP01, Bad06, BES13, Bel03, Ber98a, Bur04, CH03, CH04, CELG04, CHSS05, CGS97, CL17, CvHK18, CLM16, CK12c, CN07, C096, DA05, DS12, DFO13, Dr201, DFS11, GKL04, GH12, Gen07, GMP13, HL04, HN06, HL18, KZ08, KO17, Kin13, Lea06, LS16b, LST03, Mag17, MM04b, Nie03, NY04, Pei03a, Sph14, Sil04, SH17a, Top14, Ung06, Vac17, Wan86, Win14]. finite-dimensional
[LST03, MM04b]. finite-precision
[Vac17]. Finite
[BRM01, CDO01, GK96a, Let01, Lin91a, Lo98a, MO88, MQS00, N ´O89, OS92, OKK98, PS97a, Vat06, dGN02, BMQS06, CdG09, DMY16, Lab90, MO85, Sch17a]. Finite-generated
[dGN02, DMY16]. finitely-presented
[CdG09]. finitely-valued
[OS92]. Finiteness
[HdC13, HCl16, CO94, CO96, DF09, Ric91]. nitistic
[Shi04]. First
[An00b, BZ03, Hol85, Hsi87, Lab95, Man93a, BS90a, Pau85, Ps12, Ren92a, Ren92b, Ren92c, ST92a, BE13, Bas06, Bec03, Dr03, F06, KPR10, NW10, Str11]. First-Order
[Ren92a, Ren92b, An00b, OS92, PS12, Ren92c, BE13]. Fitzpatrick
[LOOR03]. Five
[S95, Oll88]. five-body
[Oll88]. Fixed
[Ley01, Pan96]. Fixing
[WBM99]. fixpoint
[BSC12]. fKenzo
[HPRS11]. flag
[AC13, Q17]. Fmajolet
[SSS11]. Flat
[CR11, Kut08, BBV15]. Flatness
[Ass94]. Flattenings
[MS02]. flex
[CK12d]. float
[Abb12]. Floating
[Cuy97]. Floating-Point
[Cuy97]. floats
[Lia13a]. Flow
[FIt89, Sav90, Y91]. Fluid
[CIMP97, NM90, Y91]. Flynn
[LOOR03]. Focus
[Nie94b, MPH17]. Fold
[B93b, K95, IT10]. Fold/Unfold
[B93b]. foliations
[Alc16, CS06]. FOR-loops
[KW10]. Forcing
[PP91a].
Foreword [Buc92, PZ92]. Foreword [Ano99c, Ano00b, AJ01, AFP99, BK11, BB83a, BK12a, Bos01, CH97a, CJS01, CJGV90, CL00, DGR07, DDHS13, DOR17, FR90, FBL00, HSW97, Hon96, HL97, KM98, KASW05, KR97, Kut10, Lev07a, LPPR12, MMY00, PS95a, PSS12, PEGS11, SB99, Smo98, WS98, DGP10, KW13, Par08].

Form [Boy92, CD00, D¨ur89, Egl96, GPP93, GP96a, Ga´a00, Man93a, MF90, PG86, Sma96, Van00, Vil95, Von98, AMW12, Bed07, Bed09, BPZ06, BGG13, Cha14, DL88, Hul13, JY17, LM92, LS11, Rau11, RZ09, Sch04, Stu17, WY11, DSV01].

Formal [AC01, BP99a, BJM17, Bec09, Bie85, CO01, Kal02, LMA11, Sin90, van97b, Abr17b, HI08, AMW12, Bed07, Bed09, BPZ06, BGG13, Cha14, DL88, Hul13, JY17, LM92, LS11, Rau11, RZ09, Sch04, Stu17, WY11, DSV01].

Formalization [FLOR00].

Formally [HK10].

format [BR06a].

Forms [Ae02, CK99, CD87, Dr¨a01, FH94, GS02, Lip93, Lis95, Man93b, Mar96b, San96, Sch98b, SS95, Smo98, Ste97, We94, tW91, AP04, AP10, AH13, BCEE11, BE13, BLV06, BC06, BR13b, BS17b, BLLL+16, BLPR15, BD13, BST16, CGO88, CV11, CL07, Deu93, DFG13, HR12, Kop08, LS12, PRR18, WZ12, YY03].

Formula [Mu97, Wol00b]. Formulae [CH15, D95, GV97, DE03, EK11, EM12, GHS03, LM94b, SS09]. Formulas [tW91, Bro12, XLY15, ZWH11].

formulation [CK03, CK04b, CK04a, HS17b].

FORTRAN [SR86].

Forward [Dur94, SS96a, JMR04].

Forward-Branching [Dur94, SS96a].

Foulkes [CM17]. Found [Lab95].

Foundation [Eis90]. Foundations [ES13, Fre13, JKP12]. Four [AM99, BDPR13, BR13c, GR12, Tsa16, aZGS05].

Fourier [CR98, CM04, DE06, JSC13, KS16, PT14].

Fourteen [But93]. Fourth [FHR99].

Fourth-order [FHR99]. FP [YI94].

fractals [HT17]. Fraction [BCL06, LS95, LS12, MUL10, COl16].

Fraction-free [BCL06, LS95, LS12, MUL10].

fractional [Gal13b, GKS12, VM14].

fractions [BLLL+16, CK90, CK12b, Sad16].

Fraenkel [Win06].

fractions [ARS10, CCG06, dNdR03].

frames [CS16, FDS13].

framework [FL10].

Freyd [DRR11].

Freyd-categories [DDR11].

Frobenius [KS12a, KZ14, Rou08].

frontiers [The06].

functional [AK15, SS06].

functions [BBB92, BS92, Bro90a, Che85, Czi95, DTGV01, Gar95, GHC92, Jef97, Kno92, Koh92, KLM96, LS94, MS95, Mer01, Pro00, SS98a, SS99, Ste95, Tra96, Von98, van97a, vdH01, AGR95, Bau15, BR09b, HI08, KY16, Nak09, Rei06, Ste05, Sto17, Sut15, Wen06].

Functional [FH86, Gib87, HCB96, Sal94, Sch96, von90a, von90b, Ant05, Izu16, JFG09, LW12].

functionality [Loj13].

Functions [BBB92, BS92, Bro90a, Che85, Czi95, DTGV01, Gar95, GHC92, Jef97, Kno92, Kno93, Koh92, KLM96, LS94, MS95, Mer01, Pro00, SS98a, SS99, Ste95, Tra96, Von98, van97a, vdH01, AGR95, Bau15, BR09b, HI08, KY16, Nak09, Rei06, Ste05, Sto17, Sut15, Wen06].

Fundamental [RS00, DL88, MPSXD09].

Galerkin [AG91].

Galois
Galoisgruppe [MZM87]. galoisian [Val11]. game [AGS18, FRR06]. games [GKS12]. Gamma [GK96b]. Gamma-Operation [GK96b]. gap [El05, HT17, BM16a, OdR09]. Garcia [DS09]. Garside [Bok08, DG14, GGM10]. Gathen [GP12]. Gauge [WBM99]. Gauss [MV10, Sch01]. Gauss-Manin [Sch01]. Gaussian [Col02, FL04, JPS13, LS95, MBC +10, Mul01, Ro96]. gcd [BLV16, BLV18, DF05, CCD +09, CGG89, EGB12, Gri90, Jeb95, Nag11, SS92, SS94, Ts09, Web96, Wei00, vzGMS10]. GCDHEU [CGG89]. GCDs [Enc95, KL98a]. Geddes [GW11]. genera [CLM16]. General [ASJ97, BBCM13, BL85, JL91, KFF88, NS90, Ore01, Pan92b, PP17, Ren92b, So99, Str01, Wol00b, BO04, BLV06, DHKS09, DS00, DJ92, FG06, KS12c, LL08, MRG17, NW10, NW11]. generalisation [LR15]. Generalised [Can90, BR88]. Generalization [MR98, MRG13, Sti87, Ang15, CR11, Sch10]. Generalisations [NZ93, Win4]. Generalize [Pue89]. Generalized [AS97, BB00, BE00, CS90, JLP99, K93, Key01, Kri85, Mul01, PZ96, SM91, Tes99, Vel00, Vli95, vdH06, Alc12, BGLM17, Bll11, B95, DP01, E11, FS13, Hal13, Hj15, JY17, LM92, Rua09]. generate [FG16]. Generated [AP93, BRM01, CD001, FH94, Lo98a, M08, MQS00, BMQ06, DMY16, FES11, Sch17a, dGN02]. Generating [ACOR00, CMO4, DH98, HL18, MSK93, MP11a, Ous91, RCK07, Sak88, Sny93, Th02, dM99, vKNI13, CELG04, CF91b, FW14, HI08, HLO4, HM09, HP91, HJA71, Hub99a, KT90b, KT94, Kin13, Vat06, VV08].
GES05, HDPS11, IT10, MP14, Ore11].

**Graphic** [CH95]. **Graphical** [Che92, KM98,YW87]. **Graphs** [CI07, Rie93, RFG07, BF11, DMW17, GIM07, HJA17, HL18, KLA12, MP11a, MBC+10, Ore11, PSV13, Poz15].

**Grassmann** [HT95]. **Grassmannians** [Goo09]. Greatest [DTGV02, LM89, Pau95, KT90a]. **Graphs** [CI07, Rie93, RP89, BFG07, BF11, DMW17, GIM07, GRV17, HJA17, HL18, KLZA12, MP11a, MBC+10, Ore11, PSV13, Poz15].

**Grassmann** [HT95]. **Grassmannians** [Coo09]. Greatest [DTGV02, LM89, Pau95, KT90a].

**Green** [LM90, Mer10]. **Grids** [GV99, Her94].

**Griffiths** [Mer10]. **Gr¨obner** [BTTBQM00, FGLM93, Gre00a, Lev00, MQS00, Tra00, ABL93, AHL99, ACFP12, Ape95, AK86, An03, AKR11, Aue05, BFS15, BCE+94, BS90b, BBF17, BCR11, BGK66, BR06a, BL12, BV06, Bok08, BD13, BP09b, BF01, CJS01, CRAB91, CdG09, CR11, Cip08, CKM97, Czi95, DHHM11, DSN9, D¨on13, DL06, EP10, Ede13, EF17, FMM07, FMTT13, FL11, FES11, FEV16, Fer88, FF92, FFP98, FDI4, FJLT07, GG99, Ger06, GTZ88, Go06, GKM008, Gon17, GSW11, GSZ13, GS98, Hal13, HT95, HP91, HKL99, Hon98b, Hre94, IL09, JGF09, Kal97a, Kal99, Kalm1a, KRR88, KR90, Kap86, KSW13a, KSW13b, Kh08, KM99, KMO1, LL09, LL13, Lea06, LS04, LO08, LO09, LS11, LS12, Lev07b, Li10, Lioa13a, Lioa13b, LOOR+03, LH09, MN02].

**Gr¨obner** [Mad14, MR98, MM00, MR17, MM04b, MRG17, MR13, Mil96, M¨ol88, Mon02b, MW10, MR88, MS03b, OS94, Pau92a, PZ96, Pau07, Raa12, RA06, RC05, RO05, RO93, ROu07, RT92, SIS+11, STA94, Sch07, Sch17a, Sei02, SIS88, Smi02, Sne98, Ste13, SS03b, Saiz17, Tay02, VAI11, WO06, Wlo03, Wei92, We03, We06, Wib07, Win88, ZW08].

**Gr¨obner-based** [Sch07]. **Gr¨obner-basis** [BD09]. **Gr¨obner-free** [BD13]. **Groebner** [Tsa16]. **Ground** [Sny93, AHL03, Gal87].

**Group** [AH86, Ber02, Bot97, BP00, Bt85, CCH01, Cap90, Car01, CDO97, CH96, DHS98, GK00, Gol01, Hen98, HLM95, HPS97, KKL92, Klh00, Le 86, LGPS91, Leo91, LM94a, MR98, Mal00, Mic88, O’Brien, OT13, RZAG99, Ros93, She97a, Sim90a, Tes99, WK91, dM99, AC04, AT08, Arr16, BS18, Bok08, BK16, CH03, CHS95, CF09b, EL04, ES11, FS98, FMR04, HK07, Hub09a, JIV09, Kn17, Kos07, MZM87, NPP17, OD03, OD09, SW97b, Ung06, Wili09, Wur93].

**group-based** [FMR04]. **Group-classified** [WK91]. **Groupoids** [JL93, PV05].

**Groups** [BB92, BE99a, BE99b, BDEP13, BT94, BL96, BC91, But93, CC91, CH97b, CCH97, Cla91, CDO01, CM99, Con99b, CF94, CFTY97, DV00, Du 99, EW02, EIC02, EHR91, Geb02, Gla88a, Gla88b, GS90, Hoh01, Hol85, Hol91, HRT01, Kem96, KM00b, Lin91a, Lo98a, LO99, LR97, MO88, Mal87, MO95, NN998, O’B93, O’B94, Osta99, PW90, PY94, PS97a, Pус02, RS00, Roy87, RT98, SU93a, Sl01, Tri86, Wra88, dGN02, vdP99, AE05, BHLGO15, BC113, Bay03, BM01, BV06, BJS889, BF07, Br06, Bro03, BC89, CH03, CH04, CELG04, CGS97, CM94, CS09, Con90a, CF91b, CO96, DA05, DJK05, DF08, DF09, DFO13, DFG13, Els12, Els17, FF17, FNU16, GGM10, Goh98, GN04, GMP13, HL18, Hul05, Hul13, JPSPG09, Kan91, KS16, Kin13, Koh08].

**groups** [Led00a, MO85, Mag17, MIn98, MRD11, NU18, RR12, RDU03, SW02, SH17a, Sl86, Sl07, Sm05, Sut15, WO06, Wur93, dG09, dG11, vdH07a].

**Growth** [Sh90a]. **guarded** [GHS03, dNdR03].

**Guessing** [vdH13].

**guess** [JMPR04, Ano99c, Ano00b, AAR11, BB93a, Bos01, CH97a, CJS01, CL00, DGPP10, HSW97, Hon96, HL97, KN98, KU13, KRR7, MM00, MNN94, PZ92, PS95a, SB99, Sm098, WS98].

**Guide** [McN92, RC05].

**guessed** [Rob09].

**Guillotine** [GZ89].

**gyroscope** [KLR93].

**gyroscopes** [JSC13].

**Habicht** [HY96, LR01].

**Hadamard**
[AAFR09, KK09, MG94a]. Hahn
[AGRZ99, FHR99]. Half [KT02].
Half-Twists [KT02]. Ham [EW86].
Ham-Sandwich [EW86]. Hamiltonian
[AMW12, CK09, TM55, VV97]. Hankel
[BS17b, CK12c, Gem94, SL92]. Hans
[Ano87]. Hard [Bac99, AvV94, Izu16].
 harmonic-to-solve [Izu16]. Harmonic
[BCRS89, DMN17, CM09, DJ89].
Ham-Sandwich [EW86]. Hamiltonian
[AMW12, CK09, TM55, VV97]. Hankel
[BS17b, CK12c, Gem94, SL92]. Hans
[Ano87]. Hard [Bac99, AvV94, Izu16].
Harmonic
[BCRS89, DMN17, CM09, DJ89].
Harmonization
[BCRS89, DMN17, CM09, DJ89].
Harnessing [KC09]. hash [GPGO16].
Havas [Van00]. having [CO96, YYZ12].
heap [MP11b]. heat [Maw88]. Hecke
[CD87, Deu93, NPP17, vzGMS10]. Helical
[FGS09a, FGS09b]. Hellman [Tes99].
Helly [DPS16]. Herbrand [Pic00].
Hermite [Ape10, JY17, Van00]. Hermitean
[Key01, KD90, LO90, MPS16, Sch98b].
Heterogeneous [Gon17]. Heuristic
[CGG89, Fuc00b, Mon92]. Hidden
[GV00, LSSW12]. Hierarchical
[EFRS06]. Hierarchies [SAK89]. Hierarchy
[GPW02]. High
[BB11, Sto03, BLV18, Sal08]. High-order
[Sto03]. High-precision [BB11]. Higher
[AB01, CH85, CH86, GS89, Lug95, QW96,
SG89, VRUW99, Adl16, AC04, BCE11,
BELP13, 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, Fer96b, FH94, JL91, La 17,
Lav99, MOP15, MdCW17, Pop15, Tra96,
WO06]. History [Buc87, Mos12]. HNF
[BFH17]. Hochschild [ES11]. hodographs
[FGS09a, FGS09b, FG16]. Hoeij [Bel04].
holomorphic [CS06]. Holonomic
[TW01, Zei95, vdH01, CQ12, Mon05, Oak13,
SK12, vdH07b]. Holt [But88, BC93].
Hom4PS [CLL17]. Hom4PS-3 [CLL17].
Homogeneous
[Kem99, Kov86, vW95, ACS13, DS16, FEV16,
HT17, Jou09, MR17, Mi93, Nor15, Qi06].
Homogenized [OT01, GOT05].
Homological
[MV13, AAFR09, CO94, CO96, Lam91].
Homology [BKRW17, AKL17, EL12, Hal13,
HSV08, JZ04, RR12]. Homomorphic
[BC91]. Homomorphism [GHS01].
Homomorphisms
[But85, LGS09, TW01, MR11, SS88].
Homotopical [BW03]. Homotopies
[Ver00, HL16]. Homotopy
[BCvdHS11, GMP13, aZGS05, DEPS11].
Hong [Col16, MR10]. honour
[GW11, GP12]. Hope [BCE94]. Hopf
[BB99b, EW00, FGS99a, Ges05]. Horn
[Gal87, KR91]. HR [Col05]. hulls [JZ04].
human [Sad17]. Hurwitz [Cox00, Stu17].
Hybrid
[DE02, AG91, MP17, MH06, PN13].
Hydrodynamic [CJ90]. HYP [Kra95].
hyperbolic [BGH+04, PV13].
Hyperbolicity 
[Fit89, Mer10]. hypercircles [Tab13]. hyperelliptic
[Ber98b, Har12a, HJ15, LLL08].
Hypergeometric
[Ae02, BP99b, BK99a, Cha99, Koe95, Pet92,
Zei95, AP04, ABvHP11, CCF+15, GHS08,
IvH17, KY15, Kra95, Mat01b, Rie03, Zha03].
Hypergraphs [Eit94]. hyperplanes
[Tab13]. Hyperresolution [GHS03].
hypersurface [Qi06]. Hypersurfaces
[ASS97, BS00, ABR17a, BD16, BC05, Lee17].
Hypothesis [von87]. HYPPQ [Kra95].
I/O [MMW11]. IB [Sid93]. Ideal
[AHLM99, BGG13, BRM01, BW87, CFM96,
HK99, Laz85, Laz92a, Mat01a, Mor99,
Pan89, Pri96, del95, Alm08, BO04,
BGMG07, BCLR13, BJS04, Buc06a, FGT09,
FK11, GTL17, GSW11, Hre06, KRR88,
KN11, LV14, MM06, MR88, Per04, Val11].
Ideal-specific [BGG13]. Ideal-Theoretic
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, SY96, AFT08, AT08, BO10, BM88, BT09, BMQS06, BL12, BL17, BR15, CR11, CS05c, DS16, DL06, FES11, GFT05, GHVHEU05, GHY17, GE05, Gol06, Gol08, HOP06, HKP09, HM09, HP01, Hdc13, Hdc16, HH04, JFMRS12, Joh15, Jou09, Kem16, KMH89, KW88, LL09, La17, MWZ16, MR17, MR13, NT17, NY04, Pfo04, Ron09, Ste13, TN09, UCJ04, WO06, dAM17, GFT88].

Idempotent
[Dav94, HKSS17].

Idempotents
[Kon95, OdR03].

Identification
[dav94, HKSS17].

Identifiable
[MS14].

Identifying
[KT02].

Identities
[BH02, Deu93, Ges95, PS95b, ABF09, CS98, GHS08, Kau07, Rad15, Rie03, Sil04, Zha03].

Identity
[AP93, HJM93, Mul01, HJM94, PP11, Shp14].

Igusa
[Sto17].

Igusa-zeta
[Sto17].

II
[Boy93b, BCGY12, CdG09, CD37, Com98b, DLLP08b, FGS09b, HM02a, HLS15, HLS01a, Kno93, LW03b, LLW03, MS16, MP14, Min02, OP05, Ren92b, Sch17b, Wal02b].

III
[BC89, DLLP08c, Ren92c].

Image
[FMR04].

Images
[BC91].

Imaginary
[Gaa93a, GP96a, HPT02, Ro90, Bus09, Heu06, KT04, Kli90].

Imbeddings
[JV09].

Imperative
[HC96, MMW11].

Imperfections
[JSC13].

Implementation
[Rau11].

Implementation
[AK92, ABP96, AM99, GK96b, GKW98, JV09, MNN94, MF06, NY04, Sla95, Web96, HT91, HH13, HDPS11, JB04, Rse98].

Implementations
[ZSY93].

Improved
[BD92, DZ09, WR109].

Implicitization
[ABR17a, AS01, BD16, CGZ00, Doh09, FHL96, GC92, Gao03, GV97, Hon97a, Ore01, WC12, CLCL05, Chi08, CTY10, HS98, PBS08, RS10, RS11b, Rue11, SS05].

Implicitizing
[BC05, LC16, SGGD97, Wan04].

Incompleteness
[VL16].

Implies
[C094].

Improved
[Bro01a, CE96, Els17, GZ89, J13, Lec07, McC88, DJ92, Hre06, KS16, Tsu09].

Improvement
[LP93, Tho02, BPH07].

Improvements
[BMS17].

Improving
[Gen07, HHT18, MM06].

Index
[AN099b, AN01a, AN01b, AN01f, AN02b, AN02c, AN04b, AN05c, AN06, GPP03, GGA95, GP96a, Gaa00, Gau09, LR01, CHSS05, DIO11, LN13].

Indexing
[Wan94a].

Indispensable
[ABr17b, DMN17].

Individually
[AT08, CT16].

Induction
[ARB02, Bon97, KZ10, Str01].

Inductionless
[KZ10].

Inductive
[DR93, Fri09, Pud96, KS12].

Inequalities
[GV88, Str00, Vor92, Bro12, HJX16, IdW15, Oak13, Pet87].

Inequality
[MG94b].

Infeasibility
[DLMM11].

Inference
[BA85, CH95, Pau92b, KW10, MM10].

Inferencing
[Bib85].

Infinite
[BBB92, Bir98, CP00, Geb90, IZ96, OKK98, PV02, CX09, DF08, DFO13, Koh08].

Infinitesimal
[LR98].

Influence
[AGS16, BW05, BOD4].

Information
[Mee94, BD87].

Information
[DBG89].

Inheritance
[DT95, SAK89].

Inhomogeneous
[BFR91, BCR11, Ede13].

Initial
[BM88, CS05c, HH04, Lem03].
injective [HM05]. Injectivity [LS94].
Injectors [Hőf01]. inseparability [LW10, Ste05]. insertion [Vat12].
Instability [EC87]. Installation [GM88].
Instantiation [dB89]. instanton [GS05].
Insurance [AST96]. Integer [CGG89, DSV01, GS02, HM97, KJ96, Lübb02, Pel97, Web96, BP11, Bus09, Har12b, Rup04, Wan06]. Integers [Col02, Gem94, Jeb95, Ahn08, AGT13, BKSS12, CK90, IvH17, Mau87, Raa12, de 98].
Integrability [Adl16, AMW12]. Integrable [FM02, GZ90, Zha93]. Integral [AF00, AZ90, Hal01, Miß97, Vas00, YNT94, van94, Ahn08, AGT13, BKSS12, CK90, IvH17, Mau87, Raa12, de 98].
Integration [Bad06, Bro90a, Car99, Sch94, Koß09, SBB07, KKM15, Oaki13, Piq91].
Interpretable [Ano01d, AJ01, CTR99].
Integrable [FM02, GZ90, Zha93, BM17, GS285, LW12]. Integral [AF00, AZ90, Hal01, Miß97, Vas00, YNT94, van94, Ahn08, AGT13, BKSS12, CK90, IvH17, Mau87, Raa12, de 98].
Intersection [Gla88b]. intersection [AH13, BBE13, BGMSG07, BE17, BM04, DEPS11, DLLP08a, DLLP08b, DLLP08c, FGVN06, JWC+16, Rod15, Sop13].
Intersections [GS90, Lo98a, MT01, BGM15, DLLP08c, FS16, Sta16].
MACSYMA [Mag89, PW85, TM85, Mil93, Mos12, Ous91, SR86]. Made [CF91a].
Magma [Bos01, BCP97, CP97, Key01].
Magnus [KLR93]. Main [Zha93].
Majewski [Van00]. Makes [Hre94].
making [Col05]. Management [AF96, CJMP97, LMP89, BD87, Sid93].
manifold [GV16]. Manifolds [GK94, ACS13, aZGS05]. Manin [Sch01].
manipulating [Kau06]. Manipulation [BB92, Boy93c, CD87, Hen90, Mil87, SJA01, SME87, Tri86, Wan91, Kra95].
Manipulator [DBG89]. Many [BF95, Sue98, ARS10]. many-sorted [ARS10]. Many-valued [BF95]. Map [FOT00, FGS09a, ZK14, MP89].
MAPinsure [AST96]. MAPLE [JKP98, PS95c, GHL +00, AST96, Die92, GKLM91, Tef02, Vei97, ACGL04, AV11, AB05, BR09a, CFG +86, Col05, CJ90, DM05, Fit89, GHC92, LMRS11, Pro00, SMB03, Si04, Ste95, WyW93]. Mapping [Bah01, BBB92, Sod96, MS03a, dC10]. mappings [Win14]. Maps [AK00, YNT92, BBC +17, Bur04, GDR05, Har13, aZGS05].
Marc [Sza08]. March [HdC16, RS11b]. marked [BCLR13]. Markoff [GJT13].
Markov [ATY08, AT08, DO06, DE06, HM09, Nor15, Rap06, RS16]. mass [GES05, JSC13]. Matching [BKN87, Bür89, HK95, IZ96, Lav91, Ni91, PS03, RR90a, WKA94, HYH04, Kut08, YY03]. mate [BvdE03]. materials [PNN13].
Mathematica [BG01, Fat92, HBN95, Kra95, Nie03, Sit97, ZD02, NP95, PS95b].
Mathematical [BTG02, CCO1, DR86, FGT95, FGPGP14, FKM95, GKW98, KFO1, Mon97, vdH15].
Mathematics [AGM97, BC01, Ber93, CH85, CH86, HL98, GGAVRC13, GKM05, Par08, SR07].
Mathscape [Bar07]. Matlab [Req13].
Matrices [CZG02, DE02, DTVG02, EM99, EP02, GSST98, GS02, HLM95, Kon95, Kri85, LS95, Lühb02, SL92, Ste97, Vi95, dG01, AAFR09, BR09a, BCL06, BLV06, BBCM13, Car15, CK04b, CK12c, EM98, HNE16, Hre06, JVMRS12, KK09, LLM +13, LS12, MM04a, MS03c, PS18]. Matrix [CFTY97, CW90, DSV01, FZS7, HM97, HRT01, Lin91a, L099, Ma94, MF90, Mon98, MO95, Ost99, PW90, RT98, Vac17, Zha93, AE05, BHLGO15, BC89, CH17, CL07, DF08, DF09, DFO13, DaZZ04, DPS17, EP04, JPS13, KD90, Lab90, LS11, Mi93, Vi11, WY11]. Matrix-F5 [Vac17]. Matthews [Van00].
Maximal [For87a, HLM95, MV15, CH04, FFP98, HLSS15, Roo13, Sut12, Sut13, Sut16].
Maximally [Bih15]. maximize [Loj13].
Maximum [UC98, BR06b, Col17, HR17].
May [SK91]. MBase [KF01]. McLaughlin [HLM95]. mean [GKS12]. meaning [BW05]. Means [Vel00, BMQS06, DE03].
Measure [CMP87]. Measurements [Al90].
Measures [HLS01b]. MEAT [LMR94]. MEAT-AXE [LMR94]. Mechanical [AM88b, CP93, Hol85, KW10, PH87, Wan91, DJ15].
Mechanics [CJMP97, Cra91, Bar13]. mechanisms [GSM09]. Mechanized [ACGR01]. meeting [BR10]. meets [GSA +12]. Membership [Com98a, Com98b, Pri96, SSS88].
Memory [AF96, CM96, CG02, KG96b, 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, ÖS94, San96, Sch08b, SGD97, Te02, Tes99, Tra98, Tre92, Ver00, Wan93, YXL99, Zei91, Zha94, ASS07, AAFR09, Bec09, BGL14, Bili11, CX09, CJL13, CJ15, CK12b, Col17, CGK09, DJO +11, DJ92, GLY09, GVY09, GG92, GX04, Hon04, Izu16, KSW13b, KT90b, KT94, KM06, PT14, Piq91, Ric91, Ros05, Sag14, Sal08, Sau18, Sid93, Sza08, Toh10, Wan04, WS09, vdH10].
non-symmetric [Mad14].
nonarchimedean [AGS18].
Nonassociative [Jac97]. nonclassical [BN04]. Noncommutative [CM09, BDM+16, DE06, La 17].

Nonconservative [Li04]. Nondegenerate [Dum09].
Nonemptiness [Dum09]. Nonexistence [EFRS06].
Nonic [BP10b].
Nonlinear [CK99, GH97, Jir97, San96, Tra98, BGH+04, LLL13, PH11, XZ10].
Nonnegative [IdW15, Nie12].
Nonsolvable [Mal87].
Norm [AK00, BPZ06, Bus09, FMTT13, KS06, KT04].

Norm-Bounded [Yam94]. Norm-Euclidean [Bus09]. norm-trace [FMTT13].

Normalisers [Gla88a]. Normaliz [BIS16, BS15]. Normalization [DHS98, GLS10, BDL+13, Ro09, Ryb03].

Normalized [Mar96a]. Normalizers [Eic02, GS90, Hol91, Lo98a]. Normalizing [She97b]. Norms [Boy93a, Boy93b]. Note [Ano03i, Czi95, Hon04, Lan92, Laz92a, Mul97, RS93, Uw96, Ano12m, BR13a, HZ04, HZ15].

Notebooks [Mon97, Sit97]. Notice [AK06].


Nullstellensatz [DLMM11, Dub93].

Number [AF00, BD01, Bo01, BW87, CE95, Ded97, Enc95, GPP93, HM02a, LM89, Lim93, Lists5, Mec94, Poh97, Rol86, Rol90, Smio2, Yan99, ZSY93, dM99, AP11a, Ave09, Be104, BFH17, BE17, Col05, DL88, FMM07, Fie04, Har14, Heu06, JPPS09, KY16, Kau07, KO17, Kli90, LSSW12, PZ12, Rob04, SH17b, Tsa16].

number-theoretic [Har14]. Numbers [Arn95, CR88, Duv94, Eck87, Ges92, RS90, Str97, Abb17, AH13, Bas06, BEP13, Bod04, DPS16, DEPS11, GS05, HMXD07, MHXD09, MPSXD09, Pil07, Roc03, Ryb03, dCW09, dAM17].

Numerators [KT09a].

Numeric [EP02, KL98b, She97b, WS98, GLS09, RZ09, WZ12, vdH07a]. Numerical [BL98a, BL98b, Hen90, HSS98, KR97, KL17b, Mro96, NS90, Pan02, SS05, Tra98, BB11, BSC12, CGY09, EH16, GS03, GHS08, HS17a, IMP17, KS06, MPH17, Roq13, Rup04, Van06, Van86]. Numerically [BL98a, DH16]. numerics [Str06].

Nyström [PC98].
[BG01]. pole [Pal13]. policies [LMA11].
Poly [CCT11]. poly [HLXL18].
poly-powers [HLXL18]. Pólya [CPR09, CPR11]. 
PolyBoRi [BD09].
Polycyclic [Eic02, Geb02, Lo98b, LO99, MR98, Ost99, Sim90b, AE05, CELG04, NU18, SH17a].
poly-powers [HLXL18]. Pólya [CPR09, CPR11].
PolyBoRi [BD09].
Polly [CCT11]. poly [HLXL18].
polycyclic-by-finite [SH17a].
Polycyclic [Eic02, Geb02, Lo98b, LO99, MR98, Ost99, Sim90b, AE05, CELG04, NU18, SH17a].
polygonal [GMF13, HC12, IGT15].
Polygon [Lis95, Sch03a].
Polyhedra [AC01, Aur87].
Polyhedral [CS89, EFRS06, IS10].
polylogarithms [DMN17].
Polynome [MZM87].
Polynomial [AP10, ACOR00, AM88a, AM88a, AM99, Bah01, BZ85, Bea92, BTW93, Boy93a, Boy93b, CMP87, CGG99, Ch196, CM97, Co01, CSTU02, CK999, D97, Dic92, FGT02, GLW99, GH02, Gie98, GV88, HS97, Kal94, Ka98, Kli99, Kli00, KLS9, KL90, Ko85, LMS9, LS00a, Ley01, MM16, Mc97, Mig92, MG94a, Mil96, MF96, Pan89, Pan94, Pan96, Pet92, Pri96, RS93, Rob04, Roj99, Sad17, SML91, SS92, Sau93, Sch06, Sch85, Sed02, SL92, SY69, Sho95, Str00, Tun02, UC98, Ver00, Vi95, Wan93, Wan96, Wan98, Wan99, YNT94, Zha96, Ab09, AHS18, AHKY90, AGR16, Ave09, BV03, BNN17, BMS17, BLV06, BCG10, Bih15, BP15, BPH07, BU09, BM16b, Buc06a, BR06b, BK16, CM12, CL07, CGG12, CJ15, CG06, CK03, CK04a, CK09].
Polyomial [FGS09a, FGS09b, FS10, FS13, FG06, FGT05, GLY09, GYZ09, GTZ88, Gø98, GPGO16, H12, HSJ16, Har09, HL17, HOP06, HKPP09, HJS13, HV16, Jam11, Jar13, JLR03, JP10, KLY12, KRK88, KSW13a, KW88, LL13, LR07, Lec07, Li04, LMR11, L09, MM04a, MRW17, MR13, MW12, MS11b, Mtn03, MP11b, MW10, MP09, MS03c, Nag11, NY04, Oak13, PT16, PZ12, Qi06, RZ09, Roc11, RCK07, Sek11, SLX+13, SVE14, SH17b, The06, TBS17, TU05, Tun09, WY11, WZ12, XLY15, YYZ12, vH13L13, vGMS10, Laz09].
Polynomial-Time [Chi96, YNT94, AM88a, MM16].
polynomial-transcendental [MW12].
Polynomials [An99c, BS90a, Baj86, Bea92, BL98a, BL98b, BCRS89, Can90, Cha91, CE96, CR90, DE02, DTV01, DTGV02, Enc95, For02, FHR99, Gao01, GK00, Gö95, Hou98a, HM02b, Kal87, KT90a, KL98a, KM00a, Koh92, LSW01, LED00b, Lev99, Lev00, Ley01, LW98, Mv90, Mal87, Mal00, MZM87, Mig00, Min02, Mon92, NG93, Pan02, PSS0, Pan91, Pon00, RR90b, RZ999, Sch99, Sho94, SW91b, Tho02, Vie97, Vir93, VH98, Vor92, WS98, Yam94, Yan98, Yan99, YNT94, Zip90, von90a, von90b, vG01, AV11, AGT13, AGR95, Ang15, AIR12, BES13, BS10, BCL06, BU14, BR09b, BD09, BD13, CL17, CMK09, DSW09, DG10, DES07, EGB12, FDS13, Fas10, FP09, FES11, FW15, Fer06a, Fer06b, FKT12, FKT13, GVH10E05, GR12, Gal13a].
Polynomials [Gal13b, GKL04, Gen07, Ger06, GKS03, GLs9, GS03, GTLN16, GRW16, Gre16, GSW11, GGE12, GK16, GX04, GNP12, HL04, HHK17, IdW15, Jar13, KMY10, KP15, Lee08, Lev07b, Lou08, Mic13, Min03, Min06, Nic12, OP05, Poh05, Rup04, SM16, Sch05, Sek09, Sut15, Tun09, Wei13, WK91, YYZ12, ZWM15, ZG09, ZW08, vG13].
Polyminoes [DD95].
polytope [Sal08].
polytopes [BM88, DHTY04, EFG16, Fuk04, Ku06, Lun16].
Polytopical [Aur87].
polyzetas [BDM17].
Pommaret [AFdCS15].
Position [VGT90].
Positive [Kal01b, NS90, CJL13, CJ15].
Positive [ARE02, HLXL18, Kem02, Lip93, Lng95, Mat01a, WG94, Bi15, DMN17, HH16, JP10, MWZ16, Ste05, vDPT15].
positive-dimensional [MWZ16].
Positive/Negative [WG94].
Positive/Negative-Conditional [WG94].
Positiveness [Hon98a, BS10, MR10].

positivity [GRW16, Lun16]. possible [BP98]. PoSSo [AF96]. Potential [Kid02, HBN95]. Power [Ave86, Bec90, Bec93, BCG92, CK90, Kal02, Koe92, Ous91, Sne98, van97b, ABK15, Ber98a, BIS16, GksL03, Hir89, LS16a, MRW17, MJK17, NNN98, Shp14, SK12, vdH07c].

power-trigonometric [MJK17]. Powering [Pon91].

Powers [BP98, Bec93, BCGR92, CK90, Kal02, Koe92, Ous91, Sne98, van97b, ABK15, Ber98a, BIS16, GksL03, Hir89, LS16a, MRW17, MJK17, NNN98, Shp14, SK12, vdH07c].

Potential [Kid02, HBN95]. Power [Ave86, Bec90, Bec93, BCG92, CK90, Kal02, Koe92, Ous91, Sne98, van97b, ABK15, Ber98a, BIS16, GksL03, Hir89, LS16a, MRW17, MJK17, NNN98, Shp14, SK12, vdH07c].

Power-trigonometric [MJK17]. Powering [Pon91].

Powers [BP98, Bec93, BCGR92, CK90, Kal02, Koe92, Ous91, Sne98, van97b, ABK15, Ber98a, BIS16, GksL03, Hir89, LS16a, MRW17, MJK17, NNN98, Shp14, SK12, vdH07c].
progression [GJT13]. Progressions [CW90, BPZ06]. Projection [Aur87, Bro01a, McC88, Wer12, CKM09, HJX16, MH16, Mor11]. Projections [Ass94, Str16]. Projective [BE02, Cha00, Con90b, DV00, GHL+00, Stru91, Whi91b, Ala03, BO04, BMNB+11, BGM06, BGLGM17, DH16, Eng10, FGT15, GV03, Har17, He16, JWC+16, JV09, LW03a, LW03b, Stu17, Whi07, GHL+00]. Projectively [SW91b]. Projectors [Hof01]. Prompter [Izu16]. Prony [Sau18]. Proof [BC01, Dub93, Gol01, JL91, LBM98, Zha90, Bec03, But88, Col15, DHKS07, FU17, GHS08, Har17, Hel16, JWG+16, JV09, LW03a, LW03b, Stu17, Whi07, GHL+00]. Proofs [AP93, Bon96, CH95, CO01, Fuc00b, GAO02, Tak91, Tre92, Be03, KKK+16, Ley04, MU04]. Proof [BC01, Dub93, Gol01]. Proper [Sch00, KY15]. Properness [Mor11]. Properties [Cha00, DCC95, Ede85, Kal98, LH98, Ohl95, ST89b, Zha90, BD04, DSW09, El05, GIL88, JGF09, LLTPT+11]. Property [CO96]. Propositional [ZH96]. Prospector [BLG12]. Protocol [KW98]. Protocols [KM98, BD04, KKK+16]. provable [BG09]. Prove [PP91a]. Prover [BH95, ML92, ST89b, ZBH96, Win06]. Provers [BT98, Str01]. proves [CS98]. Providing [LLTPT+11]. Proving [AGMT98, Ano00b, AB00b, ACS13, BF95, Baj86, BZ03, Bon96, Bov97, FT97, GHS08, HJX16, His87, LBM98, MR97, NR95, Pad96, PS95b, Pet00, Soc91, Wal02a, Wal02b, Zha94, AHH03, Bon05, DJ15, KS86, OB03, PSS12, PS95c, RV03, Ree03, Rus91, Stu93, Zha03]. Prüfer [CLQ10]. PSATO [ZH96]. Pseudo [MO88]. Pseudo-Natural [MO88]. pseudogroups [LR98]. Pseudonatural [MO85]. Pseudoprime [BB00]. Pseudoprimes [Arn95]. PSPCLink [ASJ97]. Public [BCE+94]. Publisher [Ano03l, Ano12m]. Puiseux [Hil87, PR12]. Pure [BL12, Par08]. Pursuit [YF03]. pushout [BS11]. Puzzle [RW90]. pyramid [BIS16]. Pythagorean [AK06, AK04, BL06b, FGS09a, FGS09b, FG16]. Pythagoreanization [AK06, AK04]. qMultiSum [Rie03]. QUAD [BG09]. quadrant [FU17]. Quadratic [Gai93a, GP96a, HPT02, Ro90, Bus09, FDS13, FGG+16, GV16, He06, Hub09b, KT04, Kop08, Sad16, Sta16]. quadri [Mad14]. quadri-algebras [Mad14]. Quadrics [CGZ00, AJGVS09, DLLP08a, DLLP08b, DLLP08c, GP13, HDPS11, JWC+16, LC16, Sta16, UV15]. Quality [HH16]. quandles [HMN06]. Quantified [Kat02, SD05]. Quantifier [Arn88, AM88b, CH97a, CM16, CH91b, DH88, DS97, DYA97, E00, GV96, GGL06, HL97, HLS97, Jir97, Laz88, PS00, Ren92b, Ren92c, Wei97, XLY15, EH16, HE12, SD05]. Quantifier-free [DS97]. quantitative [CPR09]. Quantized [DG01]. Quantum [DJK05, KS16, KKK+16, Sag88, Sag89]. Quarks [BH87]. Quartic [CC02, GPP93, PSV11, Bri06, Els15, PT98]. quartics [CP10, CF09a]. Quasi [Hub09b, Les92, BDM+16, CGGO09, Jou09]. quasi-filiform [CGGO09]. quasi-homogeneous [Jou09]. Quasi-Orderings [Les92]. Quasi-quadratic [Hub09b]. quasi-symmetric [BDM+16]. Quasigroup [ZH96]. quasiseparable [PS18]. quaternion [FDS13, FGG+16, FGS09a]. quaternionic [DG10]. Questions [AP93, KSD16]. Quillen [LS00a]. Quillen-Suslin [LS00a]. quintic [FS12, FDS13, He08]. Quintuple [Che92]. quiver [Kos07]. Quotient [HNVL90, Lo98b, Nie94a, Ple87, Sim90b, Mou05]. Quotients [LS00a, MBC+10, CMV13, FC04, HvH17]. R [Tri86]. R. [Gol01]. Race [AK92]. Radar [BG01]. radial [KMH89]. radiation [AP90].
Radical [CcK02, Kem02, Mat01a, SS11, Gol08, LLM +13, MWZ16, Sut12]. Radicals [FGT02, Höf01, Kal94, Zip85, Har13, JFMRS12, Ryb03]. radii [BR10]. RAM [PH87]. Ramanujan [Gar95, Hem18, MSZ09, Rad15, Sil04]. ramification [Abr17b]. Ramified [Bru01, HM02a]. Ramis [AMDW16]. Random [BS90a, Car15, CF94, CR90, DPS16, Mul01]. Randomized [KT02]. Range [SO89]. Rank [FZ87, JPS13, Mat01b, Qi06, ABK15, BGI11, BR13b, BR13c, CP10, DPS17, LN13, Mos08, Na18, Top14]. rank-2 [CP10]. rank-constrained [Na18]. Rank-profile [JPS13]. ranked [DE06]. ranking [GKO09]. rate [HR11]. Rational [Ae02, AP04, ACOR00, AS01, Bar99, CE95, CGZ00, Czi95, DTGV01, FS10, FHL96, GC92, GK00, GO91, GO00, GS02, GRS02, HH08, Hie16, HK07, Jef97, Kri85, LS01, Lim93, MS95, MM97, MC92, MF90, Mul97, MQ99, NW10, NW11, NY99, PP97, Pet10, PS95d, Sch98a, SCD97, ZS01, van97a, van97c, Abb17, AP10, AK04, AK06, Alc08b, AHM18, AGR95, AE05, AF08, BD16, BC05, CW03, CCL05, CS05b, CWL08, CJL13, CS16, DKS15, DHTV04, DHM +04, Doh09, FS12, FDS13, FG06, FG08, Gao03, GPB17, GEL05, JWG12, KLY12, KÖn17, KPR10, LC16, LR90, MS03a, OdR03, Pf07, PS95c, RSV09, Sek11, SPD14, SJG13, Tab11, VW08, VL16, Wan04, BLP15, OK08]. rationally [AJGV90]. Ratliff [Eli04]. rays [BS17b]. RComp [NP95]. Reachability [LPY01, SJ12]. Reaction [GH02, Gon17]. Reactions [SME87]. reactive [SJ12]. Real [Arn88a, AM88a, ARE02, CR88, DH88, EH16, FB93, GVG09, HEN16, MEC94, RS97, Ris88, RS90, Sch00, Str12, Tra98, XY02, Yan99, AMT09, AS05, BS17a, BE17, BK12b, CMV13, CCG06, CGY09, CJL13, CJ15, Col15, Col16, Col17, DH07, DFdG13, El 08, EPY98, FGPT03, FGL04, FGP05, FGT15, Gal13a, KPT15, KSD16, LLM +13, MWZ16, MS15, MS16, MS11b, Mic13, PT16, QI05, Ren17, Rio03, RSV09, SM16, Sek09, Zen06]. real-root [BK12b]. RealAlgebraic [BX97]. Realization [KM00b, Led00a, Ous91]. Realizations [Nor95d]. Real [Die92, Ve197]. Reals [Ren92a, Ren92b, Ren92c, DET09]. reason [Kap86]. Reasoning [ACG901, CCM95, ET96, FGT95, FTO00, LS02, CS05a]. Recitations [Zei95]. recognisable [GIL88]. Recognising [Aur87]. Recognition [BP00, CC91, Tak92, Bro03]. Recognize [Ric97]. Recognizing [DFO13, LSY07, VL16]. Reconstruction [ABY90, Bon96, CE95, WW94, Abb17, AB05]. record [Sa10]. record-high [Sa10]. Recording [DS96]. Recovering [GJJ14]. recovery [KY16]. Rectangular [Ch01, GZ89, EM98]. Rectifying [Jef97]. Rectilinear [Gün90]. Recurrence [CM93, Tak95]. Recurrences [Nor99, Pet92, MZ05]. recurrent [Mt03]. Recurring [Sak88]. Recursion [Ful90, Pau86]. Recursive [NP95, Rus87, BBF17, MS10]. Recursively [MG88, Tor93]. REDUCE [Sag89, BB92, Fitz85, LP90, Ngs99, Nor95a, RT89, Sak88, SV92, dos89]. REDUCE-Procedures [SV92]. Reduced [FD14, GS98, Kon95, KM09, KL00, Lev00, Sny93, AM12, EP10, MP04]. Reducibility [Mc97, NOF10]. Reducible [Ber02, CS99, Ren17]. Reducing [AKL17]. Reduction [CvHKK18, Che18, DCC95, GL05, GHC92, Kid02, Nan98, OS04b, Poh87a, RS93, Sth87, Tak89, Wol02, AAFR09, BPF09a, BLP13, BCL06, Bon05, CQ12, Con93, DJO +11, DFS11, HP91, LY05, MS03c, PR12, RZ09, Rei06, WZ12, OK08]. Reduction-based [CvHKK18]. reductions [AH05]. reductive [DH07]. Redundancy [BL00, Pic00, Tak91]. Redundancy-elimination [BL00].
Redundancy-free [Tak91]. Redundant [KN11]. Reed [BB10, Key01, LO08]. Rees [BD15]. Refined [EMSS16, Sch08].

Refinement [Her94, PT16], refinements [Mag17]. Reflexive [MAN+10].

Refutational [Pau92b, Wal02a, Wal02b]. Refutations [CZ92, MOP15]. region [BGG13]. Regions [Fit89, GMF13, Gon17].

Reflexive [MAN +10]. Refutational [Her94, PT16]. refinements [Mag17]. Regular [AF88, Bac94b, BP99a, MN02, MM04b, NS90, Nip91, Wan00, Yel87, vdH01, Alc08b, BCE11, Bel03, CM16, Joh15, Mon05, Poz15, SH17b, Vat12, Wal05, Wei06]. Regularity [CCD+09, BMNB+11, BGM06, Dum09, HH04]. regulatory [HTX15]. Rejection [LT89]. Related [He02, Wal02a, Wal02b, FMM07, Kau06, RW90]. Relation [Dim94, Soc91, ACFP12, Coo09, FK09, KL10].

relation-algebraic [FK09]. Regularity [CCD+09, BMNB+11, BGM06, Dum09, HH04].

Rewrite [BLG12]. Representation [CH96, Dra01, HPS97, Lip93, MC92, Mic88, Mic90, NY99, PPR13, SML91, BFG07, Bro03, BDM17, CS05b, CCG12, CF09b, FL04, LMM05, MCMMPR14, PS95d].

Representations [Cha91, CFTY97, Die92, DV00, Drä01, DR86, FKTS12, Kal93, Let01, Lin91a, LO99, PW90, Pic00, PS97a, Püs02, Sch90a, dGN02, BG05, DA05, FGS09a, FS98, Fie04, Kol08, Lab90, MM04b, Naw16, PV13, Pre06, Ryb90, BLPR15]. representatives [dG11]. Representing [KF01]. Research [Bos97, GP12]. Residuals [Ho01]. Residue [MPS02, YNT92, ZSY93, Buc06a, Hul13, KKM15]. residues [Szi17]. residuosity [DF05]. resilient [PNM13]. Resolution [BF95, BL00, BS01, Ga93b, GPP93, GP96a, Ga02, OS92, PP91a, Rus91, Soc91, SS03a, AfdsCS15, DNV03, Pel03a, Pel03b, Pet87, RV03, dNdR03]. Resolution-based [BF95, SS03a]. Resolutions [LS98, Lam91, OT01, Sei02, Ell04, Gal16, GS07b, HM05, dCW09]. Resolvents [AV00, Ren04]. Resource [RV03]. Respect [PF96, RAG99, Wan94a, BK16, Lev07b]. respectively [Kra95]. restricted [GGEZ12, Oll88, Vat06]. Restriction [CC07, Fri89]. Restrictions [SO89, BMQ06]. Result [Bea92, Boy92, Pau92b, Bur03, KS16].

Resultant [BU99, BK16, CZG02, DE02, EC95, EP02, Ga902, HM02b, MC93, Min02, CK04b, DE03, EM12, FC04, IMP17, Khe03, LG15, Min03, MK93, Pal13, PDS08, Rue11, SJ13].

result-based [PDS08]. Resultants [BEM00, CK04a, D’A01, HS06, HKS17, McC99, Min06, BFSS06, BG05, Chi01, CK03, EK11, Hil05a, Hil05b, JS07, OK08, RS10, RS11b, TU05]. Results [Lab05, Lug95, PP91b, AB92, Sch03b, TBS17]. Retention [Mil92b]. Retraction [AK06]. Retrieval [CE85]. retrieving [MCMMPR14].

UC98, BT09, Bec03, Bon05, MH06].

searches [MSZ09]. Searching [SO89].

Second [CTR99, Hen98, Hol85, Kov86, SV92, SU93a, SU93b, Arr16, HYH04, IvH17, LL16, Mih93, MV15, Nak16, Bos01].

Second-Order [SV92, CTR99, Arr16, HYH04, LL16, MV15, Nak16]. secrecy [BD04].

Sections [GO00, OKK98]. security [BGP09, KKK+16, LMA11, Ran12].

security-aware [Ran12]. Seeley [GK94]. seemingly [Drt06]. Segre [Abo10, Har17, Hel16].

Selected [CH85, CH86]. Selecting [Lia13a, MO95]. selection [PZ12]. Self [BU14, HK10]. Self-dual [BU14, HK10].

Semantic [Wer98, vdH15].

Semantics [ABP96, Fis96, Har92, SAK89, AHH+05].

Semi [BG05, CR88, KKK+16, Ren92a, Rup04, Sod96, XY02, Bas06, BR10, CDM+13b, CDM+13a, OS04a, WR09].

Semi-Algebraic [CR88, Ren92a, XY02, Bas06, BR10, CDM+13b, CDM+13a].

Semi-automated [KKK+16].

Semi-Automatic [Sod96]. semi-discretizations [WR10].

Semi-implicit [BG05]. Semi-numerical [Rup04]. semi-unification [OS04a].

Semialegebraic [Vor99]. semifinite [AGS18, GX04, MWZ16, Na18].

Semigroup [Kon95, HM05]. Semigroups [CH91a, KM01, LM09, LPRR02, N ´O89, ABMN10, GGMFVT13, PCVT08].

semilinear [DW07]. semirings [HKSS17, OS04b].

Semisimple [BR87, MM04b, OdR09]. semisymmetric [KLZA12].

Semiumification [DR02]. sensitive [CL07]. sentence [GTNL17].

sentence-ambient [GTNL17]. separability [GTNL17], separable [EG04, MM04b].

separated [AGR95]. Separating [BLPR15, IdW15, Kem09]. Separation [Col01, Ded97, KT90a, HHT18, Sch06].

Septic [Bru01]. Sequence [Nor95d, She92, ES11, Kut07, KLV10].

Sequences [LR01, NP95, NG93, Nor95c, ABvHP11, BGLGM17, BBF17, CK90, CELG04, CLM16, Jar13, KZ08, Kuo06, MS10, Mtn03, Nor95b, RRS06, VM14].

Sequent [CCM95]. Sequential [Dur94].

Sequentiality [KM91].

Series [ASJ97, Bec90, Be93, CH97b, DD90, FH94, Kal02, Koe92, LW01, Ous91, SJA01, Sne98, Zei95, van97b, Ab09, ABK15, Ap10, BBV15, Ber98a, BM04, BS15, CK90, CI07, CX09, JSC13, Kra95, La 17, LS16a, MRW17, MJK17, MdCW17, PR12, SK12, vdH07c, vdHL13].

Server [CQ12, ES11].

Set-theoretic [GIM07, JWG10]. Sets [AM99, ALM99, BCCR92, CR88, EPW90, HH94, KNZ91, OPP93, Ren92a, SG89, ASS07, Bas06, BR10, Be03, BCDvHS11, BLM10, Bur04, CRR04, CDM+13b, Fas10, GS89, Gol06, HM09, HJS13, HL18, JWL13, Kin13, KW88, Leb15, LMS09, Nie03, Pel03b, PS13, Sch03b].

Setting [Arn95, DTMV02, GVGC99, EGB12, Lev07b, Sau18].

Sextic [Ga95, GP96a]. SFA [Pro00]. Shallow [Wir09].

Shanks [KT04]. shape [AS07, Alc12]. shaped [BGG13].

Shapes [ERSG05]. Shared [GK96b, Sch91]. Sharp [Bea92, BTW93, MO5, BE17].

Sheaf [Bac99]. Shift [SS94]. shifted [Shl14].

Shifting [Nie94b]. shifts [GKS03].

Shirshov [BV06, Bok08, GSZ13, Mad14].

Shoda [BM16a]. Short [DHH+04, CF91b, FU17, GMM17, HZ04, HZ15, LW03a, LW03b].

Shortest [Nor99, Rolf90, VK16]. shuffle [BDM17].

Sibirskey [JLR03]. sided [SS96b, TA87].

Sieve [VM14, PZ12]. Sign [AZ90]. signal [JMPR04, Par04]. signature
signature-based
[Ed10, EF17, MdCW17].

Significant
[Tri86].

Similarity
[AHM18, GTLN16].

Simó
[AMDW16].

Simple
[BCE11, Bro01b, HM95, Pan94, SW95, Wan98, WW94, APS12, BE13, Eic10, LS16a, MS15, PI07, RCK07, Wan04].

simplest
[YY03].

Simplicial
[BT94, CFS07, BGM15, GDR05, RdC13].

Simplicity
[Mic88].

Simplification
[DS97, GDR05, Sch03a, ARST09, BBK14, GR98, HS98, Sto11].

simplifications
[Bro12].

simplified
[HJX16].

Simplifies
[Chi08].

Simplifying
[Kap87].

simply
[aZGS05].

Sims
[MO95].

Simulation
[MRS96, SS96a, Wei97, BCR15].

Simultaneous
[CZ92, DFS11, GVGC99, BELP13].

sine
[GR98].

sine-cosine
[GR98].

Singer
[Man93a, MM97].

Single
[Col04, EK11, GN12, Bas06, BK15, EG15, FL11].

Single-factor
[Col04, GN12].

Single-lifting
[EK11].

Single-parametric
[FL11].

Singular
[LW98, SF90, Vid99, AHS18, BP07, BCGY12, CWL08, CK12c, DLLP08c, HR17, KMYZ08, LZ12, WZ12, vdH13, MS15, MS16].

Singularities
[BS00, vdH01, CGL07, DS16, FGT15, FK04, GS05, MS15, MS16, PD07, RSV09, Sha12, SJS13].

Singularity
[BS01, MP89, WC12].

SIS
[BD87].

Size
[Wo02].

skeletai
[Nie03].

skeleton
[EFG16].

skeletons
[HC12].

Skew
[Gie98, Koh92, LL13, BU09, BU14, CL17, LI10].

Skew-Polynomial
[Gie98].

Slice
[Rou09].

sliding
[GGM10].

Slope
[Mil92b].

Smale
[CVY17].

Small
[BK13, Bru01, Dün94, Gaään9, L00a, MSK93, Mil87, DFS11, EGB12, Gau09, KY16, KT04, MS11a, MPS16, NY04, R001, vzGMS10, vzGMS10].

small-weight
[MPS16].

Smallest
[Boy93b, MG94a].

Smith
[DSV01, VI95, WY11].

smooth
[Ahn08, AKS12, BJS04, DEPS11, GGEZ12, Lun16].

SMPs
[Wan96].

Smullyan
[Sta89].

Socle
[LW01].

Socles
[CH97b].

Software
[EW00, KF01, Sch04, BKKK15, Ker17, Kut10, LH+13].

Software-component
[EW00].

Solid
[Vor89].

Solomon
[BB10, BDPR13, LO08].

Soluble
[Con90b, Gla88a, Gla88b, GS90, Höf01, Nie94a, Ple87, Sl01, CEL04].

Solution
[BF91, CF89, CJ90, FG+16, NS90, OT87, PV00, Sin91, Tra98, Wol00b, Zha96, ZWH11, AP08, EG15, Har13, HJS13, HTZ04, Lem03, LST03, LZ12, Pra13].

Solutions
[AC01, BP99a, Br99, Bro92, Bro00, BEM97, CE85, Die92, FT95, Gaa93a, HH98, Hv95, KST93, Laz88, LS01, Man93a, Pet92, Sau96, Sin90, SU93b, Tun02, VRU99, Ve00, XY02, YNT92, Zha95, dv96, van97b, AB09, ABvHP11, Abr17b, AHS18, BGH*04, BCE11, BM17, BD12, BR06b, Cha14, CvH04, CS06, DS86, FG06, FGH08, FSW10a, FSW10b, GIM07, HL17, Hen06, IvH17, Kal11, Mil93, NW10, NW11, PDS03, Sau18, SVE14, Tun09, Uml03, WZ12, vdH07c].

Solvability
[AK00, Baj86, SSS02, Ngu09].

Solvable
[EW02, LM94a, Pös02, Sim90a, CM04, DFD15, KRW90, MM16, Poz15, XL13].

Solve
[EHR91, Mi87, BB10, Iz06, Kho08, KC09, LM94b, Wan06].

Solver
[AF96].

Solvers
[KR94].

Solving
[AP89, AK92, AGS18, AP11a, AC04, AM99, ARE02, BGK86, CZ92, Com98b, Com93, Cza89, DCC95, DH00, Fit85, FIt97, Gaään, GGM10, Gem94, GV88, HS99, HJA97, KFK97, KFF88, Kov86, Kut07, Laz92b, LR07, Mas16, Maw88, Mil92b, MT01, MR02, Na18, Pel97, PV02, RZ09, Roj99, RR08, Rou08, SME87, She92, Sma96, SBB+89, Str00, Sza08, Wid01, BP11, CM10, DET09, GH12, HJX16, Min98, MP09, MS04, Mul04, Ros05, RSS10, Laz09].

Some
[AB92, AP93, Bec90, BP11, BGK86, BF11, Cha00, CR90, DS00, Eic10, FGP05, Hav91,
Structural [Cra91, TL96, Rap06]. Structure [Bro07, BDM17, Eg96, EF02, GC93, LRD00, PG86, Rön90, Tes99, Yan98, AC04, DH07, HMS17, LZ12, LR98, MS16, Mou05, Rua09].

Structured [Egl96]. Structure-Preserving [BNN17]. Structured [Sod96, BNN17]. Structures [AB99, DR86, FS95, Lia13b, Rob86, Wal02a, Wal02b, Loj13, MM88, Nie03, Rei06]. Students [Bos97]. Study [AGMT98, BB92, PH87, SV92, BR12, BEG09, EH16, KLR93, KD90]. studying [FK04]. stuffle [BDM17]. Sturm [Moe05]. Sub [GV88, Sau93]. Sub-Exponential [GV88]. Sub-Transforms [Sau93]. subalgebra [Kha14]. subalgebras [AGSM17, DFdG13, Roo13]. Subanalytic [ABvHP11]. Subdivision [MP09, BS17a, BCGY12]. Subexponential [GV88]. Subfields [CFM96, Dab97a, Ga´a00, KP97a, Dab97b, KP97b, vHKN13]. subgoal [Bon05]. subgoal-reduction [Bon05]. Subgroup [HH99]. Subgroups [BC91, CCH97, CCH01, Chu99, EW02, Gla88b, Hul99, BC89, CH04, CHSS05, FG08, He100]. submodule [LMR94]. submodules [BL12, DMY16]. subprogram [MM10]. Subquadratic [Tho02]. Subresultant [She92, El 05, Sza08]. Subresultants [Ap69, DJ05, DK55, HY96, Hon97b, LRD00, Mul97, Vil95, DHKS07, El 03, LP03, PB07, RS11a]. Subring [Sne98]. Subroutines [SR86]. Subset [NU18, CLS91]. subsets [Mic13]. subspaces [AH13]. Substitute [Sim91]. substitution [DFS11, Har09]. Substitutions [Ede85, KFK97]. Substring [Rob88]. Subsumption [DR92]. Subterms [Rus87]. subtractive [BLV18]. Subtyping [DT95]. subvariance [Bel03]. subvarieties [KS12a]. Sum [AP93, LSW01, AHKY09, GIJ14, NU18]. SumCracker [Kau06]. Summation [BK99a, Kar85, Kau07, Koe95, MS95, Pau95, Sch17b, ACGL04, BKSS12, PS95c, PS95d, Rie03, Sch08, Sch16, vDH07b]. Summations [Man93b, Wan94a]. Sums [GO90, Tak95, BLS17, CM09, DHKS07, DHKS09, DK55, DMN17, FW15, GGEZ12, IdW15, KLY12, Kra06, Kra95, KS12c, LP03, MV10, Naw16, RS11a]. sums-of-squares [KLY12]. Super [Ges92, BP09a]. super-reduction [BP09a]. Superalgebras [GK96a, Ko108]. Superfluous [Bec93]. Superposition [GN04, Rus91]. Superpositions [KMN88, SK91]. superscalar [VB03]. supersymmetric [Qi05, Qi06]. Supersymmetry [dss89]. Support [Nor95a, AJGV09, ALE06, EM12, Mon05, dC10]. supported [AJGV09, Bih15]. supporting [ASS13]. Supports [EMS00]. Surface [GKL09, WW94, AMT09, CW03, CCL05, DMR12, DZ09, FLO4, Sch03a, SS05]. Surfaces [AS01, BX97, CGZ00, D’A01, DS00, FHL96, FK55, GSST98, GV97, LSW01, MC92, PP97, Rie93, Sch00, AHW05, AJS12, AJGV09, ASS07, Alc08b, BB15, BC13, Bec09, Bri06, BG05, BEG09, Doh09, FG16, FGVN06, FGPT03, FG15, GS07a, GHPBS12, GSPB17, GEL05, GP13, HS09, HC12, LC16, Lub14, PDS03, PDS08, Pet10, RSTV16, Sch08a, SPD14, SJS06, VL16, Wan04, WC12, dGPS09]. surjective [SS88]. Surprising [Ber93]. Surprisingly [SV95]. Survey [KS98, vZGP01, EF17, Top14, Vis05]. Suslin [LS00a, LY05]. suspension [KL93]. Suzuki [Kos07]. swarm [Loj13]. Sweeping [NS90]. Sweeping-plane [NS90]. swell [NPD09]. swung [RSTV16]. syllogistic [CG088]. Sylow [BC89, BC91, CCH97, FF17]. Sylvester [BST16, CK04b, DHKS07, DHKS09, DS15, KS12c, LP03, LR01, Mul01, RS11a]. Sylvester-Habicht [LR01]. Sylvester-type
Symbol [AP17, HZ15, HdC16].
Symbolic [ASJ97, AP04, AK06, Ano01b, Ano02c, AB89, BGH+04, Bar13, BFK02, BB92, BCGR92, Bur92, Car99, CV00, CL00, CCM95, CS09, CD70, Cn77, Cy97, DHM11, DT95, DR86, Edi85, Eis90, EC87, EP02, FPT04, FS13, Fer06a, Fit89, Gar95, GLsL09, GH97, GL92, GK94, HNN06, Hen90, HJM94, Her94, HJa97, Hon96, HP08, Hug90, Kal90, Kal00, KT94, KR94, KL98b, KS04, KL90, Kri85, Kut10, LPY01, LL16, LLL13, MJK17, MHX09, Mr096, NSW16, NS90, NR97, Nor95b, Ore11, Par04, PSZ91, Pau95, PS95a, PH11, RT85, Roq13, RS11b, Sag89, SS98a, SS99, SJA01, Sau18, Sav90, SME87, SW91a, Sha12, She97b, Sod96, Sof94, SBB+89, Tra98, TL96, UYSA89, VGT90, Vor89, W98, Wol00a, XL13, Yap90, Yok17, Zha96, dv96, ACGL04].
symbolic [ACS13, BBK14, BD87, BGL14, BKSS12, BKKK15, DM09, ES13, ERSG05, GS03, HKP+06, JMV18, Kau06, LHK+13, MPH17, MP04, MKF93, Naw16, PT14, Pq91, PNM13, RZ90, Ros05, Sch08, Sch16, Wan86, W12, Ye17, YW87, vdH07a, Buc92, JKP12, PZ92].
Symbolic-Numeric [KL98b, RZ90, WZ12].
Symbolic-Numerical [Tra98, MPH17].
Symbolically [Mil93, DES07, Maw88].
symbols [Nak06, NOF10]. Symmetric [Cla91, CH96, CF09b, Hel00, KKL92, PB07, Pro00, Ste95, BS18, BGI11, BR99b, BDM+16, BK16, Cha14, DH07, GMF13, KS16, Mad14, MS03b, NPP17, Ste13]. SYMMETRICA [KKL92].
symmetrically [BFMS87]. Symmetries [CV00, Hem02, MC97, SV92, BN04, CGK09, FK89]. Symmetrized [Ry90].
Syntactical [Bar91]. syntax [SR07, SP10].
Synthesis [CM93, DR93, DJ15, FB93, FD93, FLOR00, PMW93, Tra89, EH16, QHL+13, ST89a, STDD16]. Synthetic [SW91b]. System [AK92, AGM97, BP99a, Ber93, BCGR92, CP97, Ded97, Die92, Din94, EC87, GP96b, HS95, Hen90, Jir97, KKL92, Laz09, MM00, Mi87, MT01, MR02, PMW93, Pro00, RST01, Sun95, Sch94, Tra98, Tri86, Ve97, BV03, BD87, Bed07, Bed09, BCP97, Bur03, BK16, DJ07, GG92, KSW10a, Khe03, Lem03, Mas16, MT88, MS04, Mul04, PS09, dCW09, Sid93, SH17b, Wan86]. Systematic [DH00]. 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, Kds95, KS98, Kem99, CM17, KFF88, KF01, Laz92b, LA96, LS92, LP02, MS93, Mat01b, MT93, Mid94, Nau98, Nie94b, Oh95, OKK98, Ous91, Rbg09, SS96a, Sch85, Si92, Sny93, Str00, TL96, UYSA9, V092, Wan91, Wan93, Wan98, Wan99, Wan00, Wol02, XY02, Y091, YXX99, YNT92, You89, Zem95, Zha92, SY93, Hau93, AP08, ABK15, Abr17b, AHS15, AMW12, BGLHR12, BP09a, BCE11, BE13, BELP13, BJM17, BN17, BW05]. systems [Ber98b, Bih15, BPH07, BR13c, BLPR15, BGHW06, BR06b, CS05a, CM10, CM12, CDM+13a, CM17b, Che18, CGY09, CGG12, CJ15, CK03, CK04a, CQ12, CGK09, CDSS09, DJO+11, DET09, Dumn09, EM12, EW07, FEV16, GLY90, GYVZ90, GES05, GV16, GPG016, HBH95, HR12, HT91, HL17, HOP06, HJS13, HTH15, JL03, KS06, Kap87, KKM15, LMA11, LR07, LST03, Li04, LW12, LR98, LH17, MM09, MW10, MS03b, NOF10, NW11, Pnm11, RZ09, SLK11, SLX+13, SPZ10, Str11, Sza08, TM85, Vis05, Wan06, Wir09, Wol03, WZ12, YW87].
Syzygies [BS88, DS16, AH05, BD16, EMSS16, Möl88, RR05, Wol03, Hub09a].

Syzygy [HT17]. Sz [Kos07].

Table [AHR00, AB01, Fuc00a, MGL00].

Tableaux [Cla91, Wil95, Bec03, CIM17].

tables [DO06, Gal13a].

Tactics [ACGR01].

tame [Zie16, von90, Sch05, Wen06].

Tamely [HM02a].

tangent [GOT05, Nak16].

tangents [CK12d, Zen06].

Tarski [Bro12, Gra88].

taylor [Sei02, Ye17].

Teach [Bos97, Mon97].

Teaching [Kal97b].

technical [SWF11].

Technique [FF92, AG91, BDE16, Ung06].

Techniques [AB00b, BG93, BS01, BTBQM00, Ung06].

Technology [GGAVRC13].

telescoper [CCF15].

Telescoping [ACGL04, Zei91, CK12a, CvHKK18].

Temporal [AM89, Ano96, CSS96, ET96, FT97, Frs96, Frs96, GP96b, LO96, MRS96].

Ten [Sto11].

Tensor [Bac94a, BOS01, BBCM13, FFR15, Qif06, Qif06].

tensors [BG11, HHLQ13, OO13].

Term [Ave86, BGK96, CMR15, Dur94, Fit97, FJN93, Ges97, HH94, Kah95, KM91, Lah91, MGL00, O09, PZ96, PY94, PP91b, PS93, You98, Zan95, GG99, Heo06, Kap87, LLW03, NOF10, Tora07a, Wil09, Zan94].

Term-ordering [CMR15].

Term-Rewriting [Kah95].

Terminating [Ges97].

Termination [BP85, Der87a, Der87b, Ges97, GA002, XZ10, Zan94, Zan95, KsL93, MU04, XZ13].

Terms [Ae02, B01, Boy93a, Boy93b, Che85, HS09, Kar85, MS00a, Pet97, AP04, Bad06, Cha14, CCF15, DS15, KY15].

ternary [BS17b].

Tessellation [HS09].

Test [Bou97, HH94, KNZ91, Mon92, Sed02, A01, CF91b, GTLN16, KK17, MP04, vdHS06].

Testing [BW87, HLS97, KsL85, KsL87, McC97, O893, O94, RR90b, CH03, Gal87, GRV17, KsL90, Mic13, Slp14].

Tests [BB00, Car01].

tetrahedral [Tsa16].

Tetrahedral [Her94].

Tetrahedrizing [EP90].

Their [Bro92, Fuc00b, GSST98, KT90a, Z90, BP90a, B011, BE12, BM01, Bro00, Bro03, CV11, FS16, GR11, H07, MBC10, MS03b, Naw06, PZ96, P91, PSV11, Sch17a, WR09, dG09].

Them [Mon97, BB10].

Theorem [AGMT98, AL10, Ano00b, AB00b, BF95, BZ03, BT98, Bon97, CR09, FT97, FD14, GC93, HS01, HIS87, JL91, LS00a, LRD00, LB89, ML92, MR87, NS85, NR95, Pd96, Pet00, Pue89, R93, Sac91, ST98b, W02a, Wei94, Wil95, Z94, AMDW16, ALH03, Bon05, CIL07, IKGT11, KS68, OB30, PS95e, RV03, Ric91, Sid93, CPR09, CPR11, Sch10].

Theorem-Prover [ST89b].

Theorem-proving [Rus91, Bon05].

Theorema [Win06].

Theorems [CJUE01, DTGV02, B007, HD13, HD16, Ley04, LW03a, LW03b].

Theoretic [Cra91, LAZ92a, PH87, GIM07, Har14, JW90].

Theoretical [Gre95, BBC11, GVHHUE05, SA89].

Theories [ALM99, Baa89, BS96, BH99, Gar95, JM95, KR91, NR97, Pet00, SS99, SS99b, Tha93, Tre92, Yel97, Fer98, LM94b, TRR10].

Theory [Ape98, AB89, BE10, Bos97, CH85, CH86, Cow92, DTL10, DSO2, EM99, FJN93, GG99, Hl87, Kar85, Leo91, MMY00, Mic90, MR87, Pau96, Ren92a, Ren92b, Ren92c, Rob96, SS96b, Sch17b, She97a, She97b, So96, TX95, vD99, A017, BM88, CFMP99, CM17a, Co05, DEPS11, DT06, Dra05, E03, Fre13, GH05b, GES05, Giu88, HT91, HLS15, HIR89, HHLQ13, KEM16, KKK17, KD90, L04, LMS90, Li10, Mer10, MS03b, Mor91, Per04, Sch07, Sch08, Sch16, S03a, Win06, vD05].

thesis [Bu06a, Bu06b].

theta [Ye17].
Third
[Nak16, SU93a, SU93b, SW97b, Ulm03].
thousand-digit [Ron08]. Threaded [BGK96]. Three [ACM88, Bur01, EPW90, McC88, SS92, Sha90b, VRUW99, Zei95, BDP13, DO06, Eng10, FS16, Nor15].

Time
[AV96, ACOR00, Chi96, CKS99, Dic92, FB93, GV88, L096, PS18, Sed02, YNT94, AM88a, Bas06, Ber98a, CK12b, Fo06, MM16].

Timed [Sij96]. Todd [CLW95]. tolerant [Abb17]. tool [FK04, GMM17, Pra13], toolbox [BD17, BKRW17].

Topics [He02]. Topological
[AM88a, BD17, FGT15, He16]. Topology [CR88, El 08, HPRS11, Ric92a, AS05, FGPT03, GFL04, GDR05, IMP17, KS12b, Ker17].
topos [Hir89, Nie03]. toral [Roo13].

Tori [Gal16, Py05]. Toric [CV11, CM97, CDSS09, E0500, GES05, S0p13, Ver00, AT08, AS05, BGMS07, BGM15, BE11, BR15, BK13, CC07, DHH104, EGW09, GMS09, L16, Nor15, OK08, RS16, Rau09, SS06, V07, BLR99].

Torsion [dGN02, FG08]. Torsion-free [dGN02].

Total [Zan95]. Totally [Ga95, Ges97]. tower [DS09]. Towers [HM02a, DS12].

Trace [MM11, FMTT13].

Trace-based [MMW11]. traces [JFRM12].

Tracking [vKT93, HL16]. tractability [GSSST10]. Tractable [HYH04]. Trading [CK12a, vdH10]. trajectory [Pai13].

transcendence [BDM17]. Transcendental
[Kno92, Kno93, Bro90b, MW12, Raa12, Str11]. Transducer [Du 99]. transform [AK04, AK06, FK11, KJ16].

Transformation [LM90, LPRR02, YL94, dB89, BGL14, GKO09, SLK11, Vis05].

Transformations [BB93b, CD87, Jef97, Rob88, She97b, SG89, Bi11, Deu93, GS89, Nak16, Pra13, Sta16, WyW93, WS09].

Transforming [BR12, LW12].

Tightening [Sau93, CM04, Har14].

Tree [Hai92, PH87, PG86, Buc06b].

Trees [GL92, Lab92, Pue89, Coo09, Vat06].

Trees
[BL98b, BFHS92, BS01, BGS11, Cha99, CD87, CIMP97, E086, FIt89, FMR04, LSW01, Lax85, Laz88, Lev99, PV02, Rut93, Saka88, SSS02, Tay02, Vid99, Wid01, Apé10, BGM06, BFM01, BM10, FGV06, GVHHUE05, GG92, GJ14, HT17, HSV08].
two-body [PY05]. two-bridge [KP15].

Two-Dimensional
[Sak88, FMR04, HSV08, SS90].
two-parameter [Pet10]. two-parametric [PT98].

Two-Phase
[Fit89].
two-parametric [PT98].

Two-Parameter
[Pet10].
two-variable [PY05].

Two-Phase
[Sak88, FMR04, HSV08, SS90].
two-parameter [Pet10].

Two-Point
[Ros05].
two-variable [HT17].

Type
[AM88a, BP99b, CH85, CH86, DS00, Ga´a02,
Har92, HRT01, Pau86, San95, YX95, BL06b,
CK04b, CLS91, CO94, CO96, EK11, GMP13,
GSZ13, HJ15, Hr89, KRW90, KK09, Sil04,
Zan94, dG01].

Typed
[Hag89b, HKK98].

Types
[MMO94, MdCW17, CS16, EL12].

UML
[BPT11].

Unbounded
[Meg90].

Uncurried
[KKSd96].

Undecidability
[Ges97, Ott91, Pau92b, SS89a, SS89b, SS96b,
Sie89, SAK89, TA87, Ye07, BL06b, Con93,
DJS91, DJS92, GS89, GGST10, Kap87, Le 89,
OS04a, SS05, SG89, KL10].

Unifications
[Ed85].

Unified
[CK99, Bon05, MM88].

uniform [OS04a].

uniformity
[MP04].

unification [Bel03].

unimodal
[Mil92b, Mos08, KMYZ08, Ros05].

university
[V4].

Validation
[HS97].

Validity
[CGZ00].

valuation
[DMY16, Vac17].

Value
[Mil92b, Mos08, KMYZ08, Ros05].

Values
[CRA91, Stu00, BF95, OS92].

Values
[BDR87, Zip90, Bod04, JMV18].

vanishing
[Fas10, GSW11].

Variable
Variables [CD87, Laz85, Lev99, Rut93, SS98a, SS98b, Sne98, Wan94a, GHL16, Kut07, Sau18, Shp14].

Variant [HE12, EP10]. Variational [Mil87]. variations [JWC+16]. Varieties [AH01, Bur92, BEM00, Chi96, EMS00, Kal93, Ore01, Wal00, ZD02, Abo10, AH13, BL06b, BP07, BGM06, BGM15, BE11, BJS+07, BS09, CC07, DEPS11, El 05, Gau09, Giu88, Har17, Hel16, Hel00, LR15, Lun16, PW06, Qur17, Sch07, VJ07]. Variety [GHL+00, BJS04, GGEZ12, HMXD07, JLR03, MHXD09, MPSXD09, Mor11, SS06, Stu17, van93]. Varconcelos [BST16].

Vector [LPY01, Tho02, Wor94, BR09b, FDS13, JT03, YY03]. Vectorization [HCB96]. Vegas [BCG10]. Verifications [GHS08]. verified [MBPLRR10]. Verifying [Hie16, LCQ+10, SWF11, Sim87]. Veronese [Abo10]. Versal [MP89]. Version [HS01, PS95b]. Versus [Cuy97, Lan10]. Vertex [RP89, PSV13]. Vertices [KLZA12, PSV13]. Via [Sma96, AHW05, AP05, AB05, BL12, BD16, BDM+16, Bur03, BST16, CW90, DEPS11, DV00, FS98, FG08, FF09, Gal13b, GLW09, GG92, HJX16, Har09, JKP98, KLYZ12, KLZA12, Lam91, MM16, MG94b, Mro96, Nam16, Nie03, OK08, Pic00, PR18, RZ09, Sei02, WW94, WZ12, dCR17].


Viterbi [Kuo06]. VLIW [VB03]. Volume [Ano99a, Ano99b, Ano00a, Ano01a, Ano01b, Ano01f, Ano02b, Ano02c, BFHS92, EC95, BFMS87, BR09b, Tsa16, Ano06]. Volumes [Ano04b, Ano04p, GLW99, BBV15]. voting [MRG17]. vs [IZ96, RSTV16].


XYZ [Sch94].

Yang [GIM07]. Yau [BR13c, Hie16]. years [Laz09]. Young [Wil95].
REFERENCES

Zassenhaus [Ano87]. Zeilberger [CHM05, CHM12, GG92, MZ05, PS95b]. Zermelo [Win06].

Zero [Chi96, FGLM93, GC93, Kal02, Laz92b, Mon02a, NY99, PV00, PV02, Ric97, Tak92, AKR05, AP11a, Buc06a, CGY09, CGG12, CJ15, Dur09, HOP06, HKPP09, KMH89, Li04, MRSW07, MP04, Mos08, NT17, PS13, Sek11, TBS17, Wal03, vdHS06]. Zeta-Characteristic [Chi96]. Zero-Dimensional [FGLM93, Laz92b, Mon02a, NY99, AKR05, CGY09, CGG12, CJ15, Dur09, HOP06, HKPP09, KMH89, Li04, MRSW07, MP04, Mos08, NT17, PS13]. zeta-locus [TBS17]. zeta-test [vdHS06]. Zeros [GLW99, HS97, Wor94, Yam94, BM10, CPR09, CPR11, GS03, Lou08, Rap06]. Zumwalt [Buc06a]. Zippel [Lan92]. Zonotope [Fuk04]. Zur [GP12].

References

Alvarez:2009:HRM


Autin:1989:SEI


Adams:1992:SRG


Avenhaus:1999:FOE


Anderson:2000:PDS


Aravindan:2000:TPT

Chandrabose Aravindan and Peter Baumgartner. Theorem proving techniques for

Ayari:2001:HOI


Armando:2005:REM


Abramov:2009:DSS


Abbott:2012:TFA


Abbott:2013:BFI


Abbott:2017:FTM

Augot:2009:DBC


Alpuente:2015:ECR


Abramov:2015:FRD


Adams:1993:TWS


Araújo:2010:CASE

REFERENCES

392, March 2010. CODEN JSYCEH. ISSN 0747-7171 (print), 1095-855X (electronic).


REFERENCES

Aroca:2001:FSL


Andrei:2004:SCH


Albrecht:2012:RBM


Abramov:2004:TCS


Armando:2001:CLO


Arnon:1988:AAC

DEN JSYCEH. ISSN 0747-7171 (print), 1095-855X (electronic).


REFERENCES


REFERENCES

Amrhein:1997:VMC


Aitken:1998:ITP


Alonso:1995:RFD


Arnold:2016:FSM


Area:1999:IPH


Ahn:2008:DCD


Akoglu:2018:CSO


Adkins:2005:EPS


Avendano:2012:FAF


Armando:2001:SIC


[AKL17] Madjid Allili, Tomasz Kaczynski, and Claudia Landi. Reducing complexes in multidi-
REFERENCES

Abbott:2005:CZD

AKR05

Arnold:2011:BBW

AKR11

Ahn:2012:DCS

Alcazar:2008:GGB
REFERENCES


Abadi:1989:TLP


Aubry:1999:TSS


Aparicio-Monforte:2012:RFL


Andrews:1995:CPB

computation in combinatorics
\(\Delta_1\) (Ithaca, NY, 1993).

**Angermuller:2015:TSG**


**Anonymous:1987:BHZ**


**Anonymous:1996:ETL**


**Anonymous:1999:CV**


**Anonymous:2000:CIV**


**Anonymous:1999:SIO**

REFERENCES

Anonymous:2000:SIA

Anonymous:2001:CIV

Anonymous:2001:SIC

Anonymous:2001:SIE
[Ano01e] Anonymous. Special issue on effective methods in rings of

Anonymous:2001:VCA


Anonymous:2002:A


Anonymous:2002:CIV


Anonymous:2002:JSC


Anonymous:2003:A


Anonymous:2003:EBa


Anonymous:2003:EBb


Anonymous:2003:EBc


Anonymous:2003:EBd

Anonymous:2003:EBe


Anonymous:2003:EBf


Anonymous:2003:EBg


Anonymous:2003:EBh


Anonymous:2003:EBi


Anonymous:2003:EBj


Anonymous:2003:PN


Anonymous:2004:C


Anonymous:2004:CV


Anonymous:2004:EBa

Anonymous:2004:EBb


Anonymous:2004:EBc


Anonymous:2004:EBd


Anonymous:2004:EBe


Anonymous:2004:EBf


Anonymous:2004:EBg


Anonymous:2004:EBh


Anonymous:2004:EBi


Anonymous:2004:EBj


Anonymous:2004:EBk

<table>
<thead>
<tr>
<th>Reference</th>
<th>Description</th>
</tr>
</thead>
</table>
Anonymous:2011:EBa

Anonymous:2011:EBb

Anonymous:2011:EBc

Anonymous:2011:EBd

Anonymous:2011:EBf

Anonymous:2011:EBg

Anonymous:2011:EBh

Anonymous:2011:EBi

Anonymous:2011:EBj
Anonymous:2011:EBj


Anonymous:2011:EBk


Anonymous:2011:EBl


Anonymous:2012:EBa


Anonymous:2012:EBb


Anonymous:2012:EBc


Anonymous:2012:EBd


Anonymous:2012:EBe

Anonymous:2012:EBf

Anonymous:2012:EBg

Anonymous:2012:EBh

Anonymous:2012:EBi

Anonymous:2012:EBj

Anonymous:2012:EBk

Anonymous:2012:EBl

Anonymous:2012:PN

Anonymous:2013:EBa
Anonymous:2013:EBb


Anonymous:2013:EBc


Anonymous:2013:EBd


Anonymous:2013:EBe


Anonymous:2013:EBe


Anonymous:2013:EBf


Anonymous:2013:EBg


Anonymous:2013:EBh

Anonymous:2013:EBj


Anonymous:2013:EBk


Anonymous:2013:EBl


Anonymous:2015:EBa


Anonymous:2015:EBb


Anonymous:2015:EBc


Anonymous:2015:EBd


Anonymous:2015:EBe


Anonymous:2015:EBf

[Ano15f] Anonymous. Editorial Board. *Journal of Symbolic Com-
REFERENCES

Anonymous:2015:EBg
[Ano15g]

Anonymous:2016:EBa
[Ano16a]

Anonymous:2016:EBb
[Ano16b]

Anonymous:2016:EBc
[Ano16c]

Anonymous:2016:EBd
[Ano16d]

Anonymous:2016:EBe
[Ano16e]

Anonymous:2016:EBf
[Ano16f]

Anonymous:2017:EBa
[Ano17a]
REFERENCES

Anonymous:2018:EBa


Antoy:2005:ESF


Antoy:2010:PNT


Abdulrab:1989:SWE


Abouzahra:1990:CAA


Andrews:1993:SQC


Abramov:2004:ERN

REFERENCES


Arri:2017:CFC


Apel:1995:GAI


Apel:1998:TID

REFERENCES

Apery:2010:STH

Amato:2012:DIS

Armando:2003:CCR

Allman:2006:PIS

Abramov:2013:LID

Aubry:2002:RSP

Arnon:1988:BQE

Arnon:1988:CBC
Dennis S. Arnon. A cluster-based cylindrical al-

**Arnault:1995:CCN**


**Arnold:2003:MAC**


**Arreche:2016:CPD**


**Armando:2002:IDP**


**Abadi:2010:DFM**


**Andradas:2009:SCP**


**Aries:2001:IAR**

REFERENCES

Alcazar:2005:CTR

Alcazar:2007:LSO

Abad:1997:PCB

Assi:1994:FGP

Arrondo:1997:PGO

Alcazar:2007:DBM

Arslan:2013:MCF
Feza Arslan, Neslihan Sipahi, and Nil Sahin. Monomial curve families support-
REFERENCES

Aschenwald:1996:MMP


Attardi:1996:SAP


Aoki:2008:IMT


Auerbach:2005:GFG


Aurenhammer:1987:RPC


Ahmed:1996:DTL

REFERENCES


REFERENCES

June 2005. CODEN JSYCEH. ISSN 0747-7171 (print), 1095-855X (electronic).


Chanderjit Bajaj. Proving geometric algorithm nonsolvability: An application of

Barkatou:1999:RSS

Barnett:2007:MMI

Barbosa:2013:SCA

Basu:2006:CFF

Bauch:2015:GCG

Bayer:2003:ACI

Bergeron:1992:SMS
François Bergeron and Nathalie Bergeron. Symbolic manipulation for the study of

**Bibel:1993:SIA**


**Boulanger:1993:DFU**


**Berrizbeitia:2000:GSP**


**Beelen:2010:KEL**


**Bailey:2011:HPN**


**Barbier:1992:AGM**

REFERENCES

ISSN 0747-7171 (print), 1095-855X (electronic).


Baldoni:2015:MBS


Butler:1989:CPM


Barendregt:2001:ECM


Buse:2005:IRH

REFERENCES


Burr:2012:CSA


Bartolini:2013:AGC


Beckermann:2006:FFR


Bertone:2013:UME


Bosma:1997:MAS


Bigatti:2011:CIG


Belkhir:2015:PAS


Brackx:1989:HMD


Bosma:1997:LCE


Bozzano:2004:AVS


Bandyopadhyay:1987:SSI


Bachmair:1988:CPC


Bostan:2011:HTM

Alin Bostan, Muhammad F. I. Chowdhury, Joris van der Hoeven, and Éric Schost. Homotopy techniques for multiplication modulo triangular sets. *Journal of Sym-
Brickenstein:2009:PFG


Bluman:2012:NSO


Brickenstein:2013:GFN


Benitez:2015:RAM


Botbol:2016:IRH


Bubenik:2017:PLT


Bradford:2016:TTI

Bohm:2013:PAN


Bosma:2001:CNR

REFERENCES


REFERENCES

7171 (print), 1095-855X (electronic).


Laurent Busé, Mohamed Elkadi, and Bernard Mourrain. Generalized resultants over unirational al-

---


---


---


---


---


---


---


REFERENCES


[Bardet15] Magali Bardet, Jean-Charles


Bachler:2012:ATD


Bermejo:2006:CMR


Bermejo:2007:ACW


Bermejo:2015:CIS


Beyer:1987:STA

W. A. Beyer and L. Heller. A Steiner tree associated with
REFERENCES

Bonacina:1995:DDC


Brown:2000:URS


Bremner:2002:IAA


Baarnhielm:2015:PMC


Burckert:1989:ETU

Hans-Jürgen Burckert, Alexan--

**Bibel:1985:AI**


**Biermann:1985:APT**


**Bihan:2015:MPP**


**Bila:2011:NMF**


**Birget:1998:ISR**


**Bruns:2016:PPD**


**Barkatou:2017:FSC**

REFERENCES


REFERENCES


REFERENCES

DEN JSYCEH. ISSN 0747-7171 (print), 1095-855X (electronic). Rewriting techniques and applications (Dijon, 1985).


REFERENCES

Baaz:2000:CER

Boffi:2012:CGB

Boffi:2017:BBL

Baarnhielm:2012:PRP

Belitskii:2006:UTP


REFERENCES

DEN JSYCEH. ISSN 0747-7171 (print), 1095-855X (electronic).

[BM88]


[BBL16]


[BBL18]


[BBL00]


[BBL01]

REFERENCES


REFERENCES


REFERENCES

DEN JSYCEH. ISSN 0747-7171 (print), 1095-855X (electronic).


<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
</tr>
</thead>
</table>
REFERENCES

[Barkatou:1999:ACR]

[Bauer:1999:MMH]

[Bratus:2000:FCR]

[Beltran:2007:PDS]

[Barkatou:2009:MSR]


REFERENCES


[Basu10] Saugata Basu and Marie-Françoise Roy. Bounding the radii of balls meeting every connected component of
REFERENCES


**Buchberger:2012:TPA**


**Ballantyne:2013:NCI**


**Bernardi:2013:CRC**


**Bogner:2013:SRL**


**Boocher:2015:RTI**


**Bremner:1986:FCW**


**Bright:2006:BGD**

REFERENCES

Bouziane:2001:UDD

Bronstein:1990:IEF

Bronstein:1990:TRD

Bronstein:1992:SLO

Bronstein:2000:SLO

Brown:2001:IPC


REFERENCES

Buttner:1987:EBE

Bayer:1988:CCS

Bach:1990:FPU

Beckmann:1990:CGA

Bayer:1992:CHF

Baader:1996:UUD

Bodnar:2000:ARS


Bouissou:2012:AAF


Burity:2016:CVS


Brown:1994:CSC


Bertot:1998:GAB


Bayer:2009:RSM


Borges-Trenard:2000:CGB

REFERENCES


niques and applications (Dijon, 1985).

Buchberger:1992:SIJ


Buchberger:2006:BBP


Buchberger:2006:CTM


Burckel:1989:MSC


Burris:1992:DVS


Burckel:2001:SMB


Burckel:2003:RBI

REFERENCES

7171 (print), 1095-855X (electronic).


REFERENCES

March/April 2006. CODEN JSYCEH. ISSN 0747-7171 (print), 1095-855X (electronic).

Berson:2003:AFC

Baldoni:2018:CDK

Blankertz:2013:CCD

Buchmann:1987:PIT

Brown:2003:CHA

Beeson:2005:MIC

Bajaj:1997:SAR


REFERENCES


Falai Chen, David Cox, and Yang Liu. The $\mu$-basis and implicitization of a rational parametric surface. *Journal
REFERENCES

[C Chen:2000:ACN]


REFERENCES

ISSN 0747-7171 (print), 1095-855X (electronic).

[Cicalo:2009:NAG]

[Chen:2013:TDS]

[Chen:2013:CSA]

[Cohen:1997:SAC]

[Cohen:2001:AMF]

[Craciun:2009:TDS]
Gheorghe Craciun, Alicia Dickenstein, Anne Shiu, and Bernd Sturmfels. Toric dynamical systems. Journal of Symbolic Computation, 44
REFERENCES


REFERENCES


Cooperman:2002:SPC


Cheze:2006:AEA


Char:1989:GHP


Cheng:2012:RIZ


Camacho:2009:NGQ


Corless:2009:USE


Campillo:2007:ECP

REFERENCES


Thierry Coquand and Gérard A. Huet. A selected bibliography on constructive mathemat-

**Coquand:1986:SBC**


**Champarnaud:1991:ACP**


**Collins:1991:PCA**


**Caferra:1995:GGF**


**Curtis:1996:SRE**


**Cannon:1997:SIA**


**Cannon:1997:CCS**

REFERENCES


Cannon:2003:AGC


Cannon:2004:CMS


Cenk:2017:ACS


Chardin:2000:ASP


Cha:2014:CFS


Cherry:1985:IFT


Chee:1992:GQS

REFERENCES

Chenavier:2018:ROC


Chistov:1996:PTC


Chionh:2001:RCC


Chionh:2008:SI


Chen:2005:AAZ


Chen:2012:EZA


Cannon:2005:CSB


R. M. Corless and D. J. Jeffrey. Scientific computing:
REFERENCES


**Cheng:2015:GPB**


**Castro-Jimenez:2009:FE**


**Collins:2002:IAC**


**Cheng:2013:CRP**


**Corless:1997:TPC**


**Castro-Jimenez:2001:FGE**

REFERENCES


REFERENCES

Chen:2012:TOD

Collins:2012:CTC

Couveignes:2012:GFT

Cirstea:2010:APR

Collart:1997:CBG

Chtcherba:2009:CDP
Arthur D. Chtcherba, Deepak Kapur, and Manfred Minimair. Cayley–Dixon pro-


REFERENCES


REFERENCES


REFERENCES


George E. Collins. Single-


REFERENCES

ISSN 0747-7171 (print), 1095-855X (electronic).

Conlon:1990:CCG

Conlon:1990:CMP

Contejean:1993:SPM

Cowell:1992:AOS

Cannon:1997:UMC
J. Cannon and C. Playoust.

Cools:2009:RBW

Couveignes:2000:BHS

Chadha:1993:MDL

**Caferra:2000:CED** [CP00]


**Coles:2010:DRB** [CP10]


**Castle:2009:QPT** [CPR09]


**Castle:2011:PTZ**


**Cluzeau:2012:SRL** [CQ12]


**Coste:1988:TLC** [CR88]

REFERENCES

0747-7171 (print), 1095-855X (electronic).


Chazelle:1990:AGP

Chyzak:1998:NCE

Compoint:1999:CGG

Caprotti:2005:IAR

Chen:2005:GPR

Conca:2005:GII

Coutinho:2006:ASH
S. C. Coutinho and L. Menasché Schechter. Algebraic solutions of holomorphic foliations: An


REFERENCES

1315, December 2010. CODEN JSYCEH. ISSN 0747-7171 (print), 1095-855X (electronic).


REFERENCES

Coppersmith:1990:MMA


Chen:2003:RBR


Chen:2008:CSP


Chen:2009:WMI


Chen:2003:RBR


Chionh:2002:FCB

REFERENCES


REFERENCES


delCampo:2017:CPM


Saenz-de-Cabezon:2009:BNM


Deprit:1990:PPS


Delest:1995:PPC


Dickenstein:2013:FE


Dickenstein:2015:SIE


Dumas:2011:CEC

REFERENCES


[DEPS11] Sandra Di Rocco, David Eklund, Chris Peterson, and Andrew J. Sommese. Chern numbers of smooth varieties via homotopy continuation and

**Dershowitz:1987:CTR**


**Dershowitz:1987:TR**


**Derksen:2013:GIP**


**Dumitriiu:2007:MMO**


**Diochnos:2009:APC**


**Deutsch:1993:IAH**


**Damgaard:2005:EAG**


Detinko:2008:ACN


Detinko:2008:ACN

Detinko:2009:DFM


Detinko:2009:DFM

Dietrich:2013:CRL


Dietrich:2013:CRL

Detinko:2015:IAS


Detinko:2015:IAS

Daberkow:1997:KVC


Daberkow:1997:KVC

Daberkow:1997:KV


Daberkow:1997:KV

Detinko:2013:RFM

over infinite fields. Journal of Symbolic Computation, 50(??):100–109, March [dG09]
2013. CODEN JSYCEH. ISSN 0747-7171 (print), 1095-855X (electronic). URL http:
//www.sciencedirect.com/
science/article/pii/S0747717112001071.

Dumas:2011:SMR

2011. CODEN JSYCEH. ISSN 0747-7171 (print), 1095-855X (electronic). URL http:
//www.sciencedirect.com/
science/article/pii/S0747717110001458.

DeGraaf:2009:CAG

Willem A. de Graaf. Constructing algebraic groups from their Lie algebras. Journal of Symbolic Computation, 44(9):1223–1233, September
2009. CODEN JSYCEH. ISSN 0747-7171 (print), 1095-855X (electronic).

DeGraaf:2011:CRN

CODEN JSYCEH. ISSN 0747-7171 (print), 1095-855X (electronic). URL http:
//www.sciencedirect.com/
science/article/pii/S0747717110001914.

Dehorney:2014:AGC

CODEN JSYCEH. ISSN 0747-7171 (print), 1095-855X (electronic). URL http:
//www.sciencedirect.com/
science/article/pii/S0747717113001648.

DeGraaf:2002:CFR

REFERENCES


[DH00] Cassiano Durand and Christoph M. Hoffmann. A systematic

*Daniel:2007:CFS*


*DeLoera:2004:SRF*


*Diaz:1995:PSD*


*DAAndrea:2007:EPS*

Carlos D’Andrea, Hoon Hong, Teresa Krick, and Agnes Szanto. An elementary proof
REFERENCES

D'Andrea:2009:SDS

DHKS09

Dickerson:1992:IAP

Dietrich:1992:EAC

DeLoera:2004:ELP

Decker:1998:GNN
REFERENCES

DiPasquale:2016:APS

Diver:1991:MWC

Dudley:1989:CAD

Dougherty:1992:IGU

DeBosschere:1996:EFL

DAndrea:2005:SGM

Dumnicki:2007:NEB

Dramnesc:2015:SLA
REFERENCES

Derksen:2005:QAA


DAlfonso:2011:GIR


DAndrea:2015:SSS


Diekert:2016:LCG


Dixmier:1988:MNF


Dershowitz:1993:LD


Drensky:2006:GBI

Vesselin Drensky and Roberto La Scala. Gröbner bases


[Delahaye:2005:DAE] David Delahaye and Micaela Mayero. Dealing with alge-
REFERENCES


**DAndrea:2009:SIS**


**Duchamp:2017:HSP**


**Diatta:2012:IMA**


**Diekert:2017:ASG**


**Ducos:2016:CSF**


**deNivelle:2003:DGF**

Degtyarev:2003:SR


DeLoera:2006:MBT


Dohm:2009:IRR


Donch:2013:CRG


Domenjoud:1992:AUT


Dridi:2009:NCT


Draisma:2017:F


dosSantos:1989:URS


Dörn:2013:CRG
DeLoera:2016:RSC


Dumas:2017:FCR


Dorre:1992:SSF


Dershowitz:1993:DIS


Dettweiler:2000:AKA


Duncan:1986:RUM

References

Draxler:2001:NFR


Draisma:2003:CLA


Draisma:2005:RTO


Drton:2006:CAR


Davenport:1986:ELS


Denzinger:1996:RAK


Dolzmann:1997:SQF

per is not a part of the special issue, but is on a related topic.

[Decker:2000:NGT]

[Dickenstein:2002:ETC]

[Dolzmann:2006:E]


[DeFeo:2012:FAA]

[Durand:2015:BRW]

[Dimca:2016:SJI]
REFERENCES


REFERENCES

Diaz-Toca:2002:BTA


Diaz-Toca:2010:DGT


DuCloux:1999:TAC


Dube:1993:CPE


Dumnicki:2009:ABR


Duntsch:1994:MBS


Dunkl:1999:CDD


Dur:1989:CCF

[Arne Dür. On computing the canonical form for a binary]

**Durand:1994:BSS**


**Durvye:2009:ETZ**


**Duval:1994:ANE**


**Dorato:1997:RMO**

Peter Dorato, Wei Yang, and Chaouki Abdallah. Robust multi-objective feedback design by quantifier elimina-
REFERENCES


[EC95]

Dohm:2009:IEC


[Ebe01]


[EC87]

Elishakoff:1987:ASA

Isaac Elishakoff and Brian Couch. Application of symbolic algebra to the instability of a nonconservative system.


[EC95]

Emiris:1995:EIA


[Eck87]

Eckhardt:1987:CCN


[Ede85]

Eder:1985:PSU


[Ed13]

Eder:2013:AIS

Editors: 1985: SCE


Eder: 2017: SSB


Emiris: 2016: EES


Eberly: 2000: EDA


Eberly: 2004: EDS

REFERENCES

[EG07] Eivind Eriksen and Trond Stølen Gustavsen. Computing ob-
structions for existence of con-
nections on modules. Journal
of Symbolic Computation, 42
(3):313–323, March 2007. CO-
DEN JSYCEH. ISSN 0747-
7171 (print), 1095-855X (elec-
tronic).

[EGW09] Alexander Esterov and Gleb
Gusev. Systems of equations
with a single solution. Jour-
nal of Symbolic Computation,
68 (part 2)(??):116–130, May/
June 2015. CODEN JSYCEH.
ISSN 0747-7171 (print), 1095-
855X (electronic). URL http:
//www.sciencedirect.com/
science/article/pii/S0747717114000753

[EG15] Mohamed Elkadi, André Ga-
ligo, and Thang Luu Ba. Ap-
proximate GCD of several
univariate polynomials with
small degree perturbations.
Journal of Symbolic Compu-
tation, 47(4):410–421, April
2012. CODEN JSYCEH.
ISSN 0747-7171 (print), 1095-
855X (electronic). URL http:
//www.sciencedirect.com/
science/article/pii/S0747717111001404

[EG96] Uwe Egly. On different
structure-preserving transla-
tions to normal form. Jour-
nal of Symbolic Computation,
CODEN JSYCEH. ISSN
0747-7171 (print), 1095-855X
(electronic).

[EH16] Madalina Erascu and Hoon
Hong. Real quantifier elimi-
nation for the synthesis of
optimal numerical algorithms
(case study: Square root com-
putation). Journal of Sym-
bolic Computation, 75(??):
110–126, July/August 2016.
CODEN JSYCEH. ISSN
0747-7171 (print), 1095-855X
(electronic). URL http:
//www.sciencedirect.com/
science/article/pii/S0747717115001091

[EH91] D. B. A. Epstein, D. F.
Holt, and S. E. Rees. The use
of Knuth–Bendix meth-
ods to solve the word prob-
lem in automatic groups. Jour-
nal of Symbolic Compu-
tation, 12(4-5):397–414,
October–November 1991. CO-
DEN JSYCEH. ISSN 0747-
7171 (print), 1095-855X (elec-
tronic). Computational group
theory, Part 2.
Eick:2002:OSP


Eick:2010:SNS


Emiris:2011:SLM


ElKahoui:2003:EAS


ElKahoui:2005:BPG


ElKahoui:2008:TRA

Ellis:2012:CHT


Elias:2004:CRR


Ellis:2004:CGR


Elsenhans:2012:ICI


Elsenhans:2015:ECI


Egner:1998:SRM


Emiris:1999:MET


Emiris:2002:SNM


Egner:2004:SBM


Eder:2010:FVF


Edelsbrunner:1990:TPS


Emiris:1998:MAL


Eaves:1995:LPL


Er-Riani:2005:SLD


Eikenberry:1998:EAC

Ellis:2011:CGC


Emiris:2013:SIS


Engelfriet:1996:ETL


Edelsbrunner:1986:CHS


ElKahoui:2000:DHB


Eick:2002:CSE

Evans:2007:CIR


Fages:1987:ACU


Farouki:1997:CAC


Fassino:2010:AVP


Fateman:1992:RM


Fahmy:1993:SRT


Foo:2004:CEC


Flener:1993:LPS

Francis:2014:RGB


Fernandez:1998:NEE


Ferro:1988:GBH


Fernandez:1996:ACP


Farouki:2013:SVA


Ferro:2006:EIB


Ferro:2006:IBM

REFERENCES

ISSN 0747-7171 (print), 1095-855X (electronic). See erratum [Fer06a].

[FES11]

[FES13]

[Fau2016]

[FF92]
Faugere:2011:GBB

[Fer17]
Fauere:2013:CGM

[FFP98]
Fournie:1998:CMD
REFERENCES

0747-7171 (print), 1095-855X (electronic).

Feng:2006:PTA

Feng:2008:RSO

Flynn:2008:DIE

Farouki:2016:GRS

Farouki:2016:SQQ

Fortuna:2004:ADT

Faugere:1993:ECZ
REFERENCES

CODEN JSYCEH. ISSN 0747-7171 (print), 1095-855X (electronic).

Fortuna:2005:SCR

Faugere:2014:MCA

Farouki:2009:HPCa

Farouki:2009:HPCb

Farmer:1995:CMR
REFERENCES


Fortuna:2002:DRP


Fortuna:2005:IDP


Fortuna:2009:GIA


Fortuna:2015:CTI


Fioravanti:2006:CIT


Furbach:1986:MCF


Froberg:1994:HSI

[FH94] Ralf Fröberg and Joachim Hollman. Hilbert series for ideals generated by generic

**Fix:1996:IRP**


**Foupouagnigni:1999:FOD**


**Fieker:2004:MRN**


**Fisher:1996:TSC**


**Fitch:1985:SAP**


**Fitt:1989:SCH**


**Fitzpatrick:1997:SMC**

Patrick Fitzpatrick. Solving a multivariable congruence by change of term order.
REFERENCES


Fukuda:2007:GGW


Freese:1993:TRS


Fushchich:1989:CAA


Fruhbis-Krüger:2004:PSB


Fronk:2009:SSA


Fruhbis-Kruger:2011:MCI


Fournier:1995:VMS

mentation of symbolic computation systems (Gmunden, 1993).

Fish:2010:BCL


Foupouagnigni:2013:CLC


Foupouagnigni:2012:ROP


Fiore:2004:ORG


Faugere:2011:ADS


Flener:2000:FSI


Flener:2000:AFC

Pierre Flener, Kung-Kiu Lau, Mario Ornaghi, and Ju-


REFERENCES

Ford:1987:CMO

Fortenbacher:1987:AAU

Fortune:2002:IEA

Formisano:2000:GBA

Faugere:2009:EAD

Famelis:2004:SDR

Faugere:2009:F
Jean-Charles Faugère and Fabrice Rouillier. Foreword.
Fredet:2004:LDE


Freudenburg:2013:FIT


Fribourg:1989:SRI


Felszeghy:2006:LGS

Bálint Felszeghy, Balázs Ráth, and Lajos Rónyai. The lex game and some applications.

Flajolet:1995:CAL


Fruhwirth:1996:TAC


Feinsilver:1998:CRL

Farouki:2010:RRM

Farouki:2012:CCQ

Farouki:2013:CSR

See [FS10].

Feng:2016:CIT

Feng:2010:ACL

Feng:2010:LSL

Filgueiras:1995:FMF
REFERENCES


**Felty:1997:ITP**


**Fernando:2017:SPO**


**Fuchs:2000:CUC**


**Fuchs:2000:PST**


**Fukuda:2004:ZCM**


**Fulling:1990:AAR**

REFERENCES


Gaál:2002:RRT


Gallier:1987:FAT


Galligo:2013:BTR


Galligo:2013:DRP


Galetto:2016:PWT


Ganzinger:1991:CPC


Gao:2001:DCF

REFERENCES


REFERENCES

DEN JSYCEH. ISSN 0747-7171 (print), 1095-855X (electronic).

Gonzalez-Diaz. 2005. STM


Genovese. 2007. IAB


Gebhardt. 2002. ECI


Gerritzen. 2006. TPN


Gessel. 1992. SBN


Gessel. 1995. FIW


Gemignani. 1994. SHS

Gatermann:1999:GBI

Galan-García:2013:TIM

García:2013:CAM
REFERENCES


REFERENCES


REFERENCES


Gibert:1987:FPC


Giesbrecht:1998:FSP


Gutierrez:2014:RST


Giese:2010:I


Gateva-Ivanova:1988:RPA


Gateva-Ivanova:2007:STS


Giusti:1988:CDT


Gonzalez-Jimenez:2013:MRT

Enrique González-Jiménez and José M. Tornero. Markoff...
REFERENCES


Grigoriev:2016:CTS


Gao:2004:DDD


Garbey:1991:UMA


Gottliebsen:2005:HVC


Golubitsky:2008:BRG


Golubitsky:2009:ATD


Gaubert:2012:TLF

REFERENCES

Giesbrecht:2003:ACS

Gray:1998:DIM

Grossman:1992:SCD

Gramlich:2005:RSR

Glasby:1988:CNF

Glasby:1988:ISF

Greuel:2010:NR

Giesbrecht:2009:SNS
Mark Giesbrecht, George Labahn, and Wen-shin Lee. Symbolic-numeric sparse interpolation of multivariate...


REFERENCES

Gray:2013:HBF


Gosselin:2009:DBP


Godoy:2004:SCB


Guardia:2012:SFL


Gallet:2017:LL


Gollan:1990:OCS


Gentili:1991:RGS

REFERENCES

Gentili:2000:RGC


Gobel:1995:CBR


Gobel:1998:CDS


Gollan:2001:NEP


Golubitsky:2006:GFU


Golubitsky:2008:UCD


Gonzalez:2017:RRM

[Gon17] José Martín Méndez González. Revealing regions of multiple steady states in heterogeneous catalytic chemical reaction networks using Gröbner
REFERENCES

Gustavson:2018:NOB

Granger:2005:TCA
[ GOT05 ] Michel Granger, Toshinori Oaku, and Nobuki Takayama.

Gaal:1996:RIF
[ GP96a ] István Gaál and Michael Pohst.

Gagne:1996:NST

Giusti:2003:P
[ GP03 ] Marc Giusti and Luis M. Pardo.

Giesbrecht:2012:HRI

Gruber:2013:CSQ
Gomez-Perez:2016:CCT


Gaal:1993:RIF


Galligo:2009:EMA


Griess:2001:EPP


Galligo:2002:IDC

André Galligo and David Ruprecht. Irreducible de-
CODEN JSYCEH. ISSN 0747-7171 (print), 1095-855X (electronic).

**Genet:2010:EAT**


**Giesbrecht:2011:DLP**


**Gallardo:2012:AUP**


**Grabe:1993:LP**


**Grabe:1995:ALA**


**Greenhill:1995:TEC**


**Green:2000:MBG**

Greuel:2000:CAA


Greuel:2000:CAA

Grenet:2016:BDF


Grenet:2016:BDF

Grigorev:1990:CFC


Grigorev:1990:CFC

Gutierrez:2002:MRF


Gutierrez:2002:MRF

Gitler:2017:CRG


Gitler:2017:CRG

Gorlach:2016:DPM

REFERENCES

Gallier:1989:HOU


Glasby:1990:CIN


Gutierrez:1998:RGB


Giesbrecht:2002:CRF


Gil:2003:CSN


Gasparim:2005:CIN


Gutierrez:2006:CUF


REFERENCES

2005. CODEN JSYCEH. ISSN 0747-7171 (print), 1095-855X (electronic).

Ghilardi:2010:SIA

Gianni:1998:RSP

Gupta:2012:TBD

Greuel:2011:GBI

Gerdt:1985:CAA

Guo:2013:DTO

Gomez-Torrecillas:2016:ITM
José Gómez-Torrecillas, F. J. Lobillo, and Gabriel Navarro.


curves and applications (Albuquerque, NM, 1995).


Gao:2009:CSMb


Giesbrecht:2011:HKG


Guangxing:2004:EDM


Gonzalez:1989:IBR


Gerdt:1990:CCI


Hashemi:2010:EC


Hagino:1989:CM

REFERENCES

Hagiya:1989:MCI


Hansen:2012:IVS


Hallouin:2001:CLI


Hall:2013:CHU


Harper:1992:CTS


Harvey:2009:FPM


Harrison:2012:EKA

REFERENCES


Evelyne Hubert and Marie-Paule Cani. Convolution surfaces based on polygonal curve


REFERENCES


Heng:1990:SRN

Hendriks:1998:ADD

Herbert:1994:SLR

Hess:2002:CRR

Heuberger:1998:FQT

Heuberger:2006:AST

Hemel:2011:SCC

Hofbauer:1994:LTR
REFERENCES


Hajdu:1998:EBS


Holt:1999:CAC


Hoa:2004:CMR


Hefez:2007:SBL


Hefez:2009:ACP


Hefez:2013:AIA


Herman:2016:QPR

REFERENCES


REFERENCES


REFERENCES


REFERENCES


Hong:1997:SIA


Hayden:1998:NIE


Heath:2004:NAG


Hauenstein:2016:CPC


Hauenstein:2017:CSS


Huang:2018:GSM


Hiss:1995:MDM

REFERENCES

DEN JSYCEH. ISSN 0747-7171 (print), 1095-855X (electronic).


REFERENCES


REFERENCES


Holt:1985:MCF


Holt:1991:CNP


Holl:1996:SIP


Holl:1997:INC


Holl:1997:SUC


Holl:1998:BAP


Holl:1998:GBU


Holl:2000:E

REFERENCES


Hong:2004:NJM


Heiss:2006:ISS


Herfort:1991:NNR


Hong:2007:BCN


Hong:2008:CBC


Heras:2011:FUI


Holt:1997:CRG


Heuberger:2002:TFT


Hebisch:2011:ERM


Han:2012:INF


Horobet:2017:MLD


Hreinsdottir:1994:CWC


Hreinsdottir:2006:ITO


Howlett:2001:MGE

REFERENCES

ISSN 0747-7171 (print), 1095-855X (electronic). URL

Hirschberg:1989:ANR

Hunt:1990:CEC

Hearn:1995:CAS

Hribernig:1997:DVC

Hong:1998:ATC

Hendriks:1999:SDE

Hosten:2000:PDL
REFERENCES


[Hillebrand:2001:TEV]


[Hallgrimsdottir:2006:RGL]


[Hanson:2009:TFS]


[Hauenstein:2017:WNA]


[Hein:2017:LSF]

REFERENCES

niques and applications (Dijon, 1985).

Huber:1998:NSC
[102x681]


Hausdorf:2002:IBW
[102x681]


Hong:2008:HTD
[102x681]


Hoffmann:1997:SIP
[102x681]


Hartley:1991:CIC
[102x681]


Hartley:1995:GBC
[102x681]


Hernandez:2017:TFS
[102x681]

REFERENCES


Hughes:1990:SCF


Hulpke:1999:CSI


Hulpke:2005:CTP


Hulpke:2013:CGG


Hendriks:1995:GAS


Homberger:2016:EAE


Ho:1996:HAS


Hirata:2004:TIS

Hanrot:2004:LNM


Hanrot:2015:CLN


Iliman:2015:SIN


Ida:2015:FPK


Ilten:2013:CGM


Ida:2011:MTR


Insua:2009:GBU

Manuel A. Insua and Manuel Ladra. Gröbner bases in universal enveloping algebras of


Jacobs:1997:CCN


Jambor:2011:CMA


Jaroschek:2013:IPR


Johnson:2004:ADI


Jebelean:1993:AED


Jebelean:1995:DDL


Jeffrey:1997:RTI

D. J. Jeffrey. Rectifying transformations for the integration of rational trigonometric functions. *Journal of Sym-
Janovitz-Freireich:2012:CMT


Jorge:2009:CPE


Jirstrand:1997:NCS


Jara:2001:SBD


Jones:1998:CAG


Johnson:2012:SIS

REFERENCES

Jacobsson:1991:SBG
[102x681]
[171x646]//www.sciencedirect.com/
science/article/pii/S0747717111001982].

general coefficient rings and
a new constructive proof of
Hilbert’s basis theorem. Journal
of Symbolic Computation,
12(3):337–372 (or 337–
371??), September 1991. CO-
DEN JSYCEH. ISSN 0747-
7171 (print), 1095-855X (elec-
tronic).

Jarrah:2003:SCC
[102x681]
[171x646]//www.sciencedirect.com/
science/article/pii/S0747717111001982].

[JLR03] Abdul Salam Jarrah, Rein-
hard Laubenbacher, and
Valery Romanovski. The
Sibirsky component of the
center variety of polynomial
differential systems. Journal
of Symbolic Computation,
35 (5):577–589, May 2003. CO-
DEN JSYCEH. ISSN 0747-
7171 (print), 1095-855X (elec-
tronic).

Jin:2013:NAS
[102x681]
[171x646]//www.sciencedirect.com/
science/article/pii/S0747717111001982].

[JLW13] Meng Jin, Xiaoliang Li, and
Dongming Wang. A new al-
gorithmic scheme for comput-
ing characteristic sets. Journal
of Symbolic Computation,
50(??):431–449, March
2013. CODEN JSYCEH.
ISSN 0747-7171 (print), 1095-
855X (electronic). URL http:
//www.sciencedirect.com/
science/article/pii/S0747717111001982.

Jacobs:1993:WPF
[102x681]
[171x646]//www.sciencedirect.com/
science/article/pii/S0747717111001982].

[JM93] David P. Jacobs and Sekhar V.
Muddana. The word prob-
lem for free partially com-
mutative, partially associative
groupoids. Journal of Sym-
bolic Computation, 16(6):557–
562, December 1993. CO-
DEN JSYCEH. ISSN 0747-
7171 (print), 1095-855X (elec-
tronic).

Ježek:1995:PBE
[102x681]
[171x646]//www.sciencedirect.com/
science/article/pii/S0747717111001982].

[JM95] Jaroslav Ježek and George F.
McNulty. Perfect bases for
equational theories. Journal
of Symbolic Computation,
19 (5):489–505, April 1995. CO-
DEN JSYCEH. ISSN 0747-
7171 (print), 1095-855X (elec-
tronic).

Jilani:2013:IFI
[102x681]
[171x646]//www.sciencedirect.com/
science/article/pii/S0747717111001982].

[JML+13] Lamia Labed Jilani, Olfa
Mraihi, Asma Louhichi, Wided
Ghardallou, Khaled Bsaies,
and Ali Mili. Invariant
functions and invariant re-
lations: an alternative to
invariant assertions. Journal
of Symbolic Computation,
CODEN JSYCEH. ISSN
0747-7171 (print), 1095-855X
(electronic). URL http:
//www.sciencedirect.com/
science/article/pii/S0747717111001982.

Johnson:2004:SIC
[102x681]
[171x646]//www.sciencedirect.com/
science/article/pii/S0747717111001982].

[JMPR04] Jeremy R. Johnson, José
M. F. Moura, Markus Püschel,
and Daniel Rockmore. Special


REFERENCES

7171 (print), 1095-855X (electronic). See [Kal85].


Kalorkoti:2001:CGB

Kalorkoti:2001:DAC

Kalorkoti:2002:PZC

Kantor:1991:FCF

Kapur:1986:UGB


<table>
<thead>
<tr>
<th>Reference</th>
<th>Description</th>
</tr>
</thead>
</table>
Key:2001:SAM


Kohlhase:2001:MRK


Kobayashi:1988:SSA


Kaji:1997:SUP


Koepf:2003:PCA


Khan:2014:CSB

REFERENCES


Khetan:2003:RUB


Khoury:2008:GBA


Kida:2002:PGR


King:2013:MGS


Krandick:1996:BEI


Kotsireas:2009:HWM

REFERENCES

Keicher:2017:TMC


Kubota:2016:SAV


King:2017:BDD


Kerber:1992:SOO


Kytmanov:2015:FRI


Kennaway:1996:CCU


Kozen:1989:PDA

Dexter Kozen and Susan Landau. Polynomial decomposition algorithms. *Journal of...*
REFERENCES


Jan Willem Klop and Aart Middeldorp. Sequentiality in orthogonal term rewriting.

**Kajler:1998:SIG**


**Koppenhagen:1999:OAC**


**Kluners:2000:EGR**


**Koppenhagen:2001:OAC**

REFERENCES


Kolesnikov:2008:UDR


Koshita:2007:ERE


Konieczny:1995:RIS


Kovacic:1986:ASS


Koprowski:2008:AQF


Krantz:1991:AED


Kluners:1997:CS

Kluners:1997:CSC


Krysta:1999:SPN


Kadioglu:2013:CMN


Koseleff:2015:ACP


Koeleff:2010:FRC


Koiran:2015:WAR


Kanellakis:1989:RCC


REFERENCES


[KS12c] Teresa Krick and Agnes Szanto. Sylvester’s double sums: an inductive proof of the general case. Jour-
REFERENCES


ISSN 0747-7171 (print), 1095-855X (electronic).

Kalo:1993:LDS


Kapur:2013:EAC


Kapur:2013:EMC

REFERENCES

Kaltofen:1990:CPG


Kean:1990:IMG


Kean:1994:COI


Kaplan:2002:IHT


Kirschenhofer:2004:ESN


Krupchyk:2008:COP


Kuo:2006:VSP

Kutsia:2007:SES


Kutsia:2008:FM


Kutsia:2010:SCS


Kredel:1988:CDI


Kauers:2015:LIT


Kaltofen:2016:SMF

Erich L. Kaltofen and Zhengfeng Yang. Sparse multivariate function recovery with a small number of evaluations. *Journal of Symbolic Computation,


Labelle:1995:SCR


Lambe:1991:RHP


Lambe:1997:E


Landau:1992:NZD


Landsberg:2010:PVN


Laville:1991:CPR


Lazard:1985:IBP


Lazard:1988:QEO


Luo:2010:VPS


LeChenadec:1986:CCG


LeChenadec:1989:LU


Leamer:2006:GFP


Lebreton:2015:RHL


Lecerf:2007:IDM


Ledet:2000:GER


Ledet:2000:GEG

REFERENCES


REFERENCES


REFERENCES

CODEN JSYCEH. ISSN 0747-7171 (print), 1095-855X (electronic).

**Leedham-Green:1991:CGH**


**Leedham-Green:1990:CLO**


**Liu:1998:PGB**


**Lisle:2017:ACL**


**Levandovskyy:2018:FAA**


**Lopez:1996:MGB**


**Linton:2013:ECS**


Li:2010:LGB

Liang:2013:SPL

Limongelli:1993:EAB

Linton:1991:CMR

Linton:1991:DCE
REFERENCES


Lippok:1993:RBC


Lisonek:1995:CFN


Liang:2009:ACC


LaScala:2009:LIN


LaScala:2013:SPR


Lee:2016:SCS


Lee:2008:EPC

Eunjeong Lee, Hyang-Sook Lee, and Yoonjin Lee. Eta pairing computation on general divisors over hyperelliptic curves $y^2 = x^p - x + d$. 

[LL09] [Lip93] [Lis95] [LL09] [LL13] [LL16] [LL10] [LL08]
REFERENCES


REFERENCES


[LM09] François Lemaire, Marc Moreno Maza, Wei Pan, and Yuzhen Xie. When does $\langle T \rangle$ equal $\text{sat}(T)$? *Journal of Symbolic Computation*, 46(12):


Lo:1999:PAF


Lee:2008:LDR


Lee:2009:LDH


Loja:2013:UPS


Little:2003:SRF


Louboutin:2008:LCZ


Lloyd:1990:RBL

N. G. Lloyd and J. M. Pearson. REDUCE and the bifur-


[Petr Lisoněk, Peter Paule, and Volker Strehl. Improvement of the degree setting in...

[Lafferriere:2001:SRC]

[Lazard:1990:IRF]

[LR98]

[Lickteig:2001:SHS]

[Lazard:2007:SPP]

[Lubicz:2015:GMA]
David Lubicz and Damien Robert. A generalisation of Miller’s algorithm and applications to pairing computations on abelian varieties. *Journal of Sym-


[Luks:1997:SAN]

[LS94]

[Lee:1995:FFG]

[LaScala:1998:SCM]

[Laubenbacher:2000:AQS]
Laubenbacher:2000:PI


Li:2001:RSR


Linton:2002:EIA

REFERENCES


REFERENCES


REFERENCES


Li:2003:ASPa


Li:2003:ASPb


Lutz:2010:DIC


Li:2012:TLF


Lombardi:2005:SAR


Li:2015:SDR

Wei Li, Chun-Ming Yuan, and Xiao-Shan Gao. Sparse difference resultant. *Journal of Symbolic Computation*, 68


Joshua Maglione. Efficient characteristic refinements for finite groups. *Journal of Symbolic Computation*, 80 (part 2) (??):511–520, May/June 2017. CODEN JSYCEH. ISSN
REFERENCES

Malle:1987:PPN

Malle:2000:MPP

Man:1993:CCFb

Man:1993:CCFa

Mili:2010:RTI

Marche:1996:NRA

Marchiori:1996:MNF
143–154, August 1996. CODEN JSYCEH. ISSN 0747-7171 (print), 1095-855X (electronic).


Scott McCallum and George E. Collins. Local box adjacency algorithms for cylindri-


REFERENCES


REFERENCES

Mignotte:1994:SDP


Mignotte:1994:LIH


Martin:2000:TML


Meseguer:1989:OSU


Myasnikov:2006:HSA


McCallum:2016:ULP

REFERENCES

Miret:2009:CCC


[102x584]Mig92

Mignotte:1992:PLR


Michalska:2013:CTB


Middeldorp:1994:CCC


Mignotte:2000:BRL


Mignotte:1990:SPC


Michalska:2013:CTB


Mills:1987:USA


Miller:1992:UUM


Mills:1992:SRT


Mills:1993:SPS


Miller:1996:AGB


Minkwitz:1998:ASF


Minimair:2002:SRC


Minimair:2003:DRC

Manfred Minimair. Dense resultant of composed poly-

**Minimair:2006:RPC**


**Miyamoto:2001:CIA**


**Masjed-Jamei:2017:SCS**


**Murao:1993:FSR**


**Martin:1992:SEC**


**Miola:1988:CLG**

REFERENCES


Margulies:2016:PTS


Miglioli:1994:APC


Malecha:2011:TBV


Matzat:2000:SIA


Martin:1989:BUS


Maansson:2002:RGB


MONAGAN:1992:HIT


MONAGAN:1997:WNC


MONTES:2002:NAD


MORGENSTERN:1991:IGA

REFERENCES

Morrison:1999:DI

Moroz:2011:PDP

Morton:2013:RAC

Mosteig:2008:VMZ

Moses:2012:MPH

Mourrain:1998:CIR

Mourrain:2005:BQR
B. Mourrain. Bezoutian and quotient ring structure.
REFERENCES

Journal of Symbolic Computation, 39(3–4):397–415,
March/April 2005. CODEN JSYCEH. ISSN 0747-7171 (print), 1095-855X (electronic).


[McK09] Brendan D. McKay and Adolfo Piperno. Practical graph isomorphism, II. Journal of Symbolic Computation, 60(??):94–112, January 2014. CODEN JSYCEH. ISSN 0747-7171 (print), 1095-
Mahdi:2017:HSN
Adam Mahdi, Claudio Pessoa, and Jonathan D. Hauenstein.
A hybrid symbolic-numerical approach to the center-focus problem.
CODEN JSYCEH. ISSN 0747-7171 (print), 1095-855X (electronic).

Meier:2002:CAE
Andreas Meier, Martin Pollet, and Volker Sorge.
Comparing approaches to the exploration of the domain of residue classes.
CODEN JSYCEH. ISSN 0747-7171 (print), 1095-855X (electronic).

Marcolla:2016:SWC
Chiara Marcolla, Marco Pellegrini, and Massimiliano Sala.
On the small-weight codewords of some Hermitian codes.
CODEN JSYCEH. ISSN 0747-7171 (print), 1095-855X (electronic).

Miret:2009:CSF
Josep M. Miret, Jordi Pujolàs, Kumar Saurav, and Sebastià Xambó-Descamps.
Computing some fundamental numbers of the variety of nodal cubics in $\mathbb{P}^3$.
CODEN JSYCEH. ISSN 0747-7171 (print), 1095-855X (electronic).

Muller-Quade:1999:BAR
J. Müller-Quade and R. Steinwandt.
Basic algorithms for rational function fields.
CODEN JSYCEH. ISSN 0747-7171 (print), 1095-855X (electronic).

Muller-Quade:2000:GBA
Jörn Müller-Quade and Rainer Steinwandt.
Gröbner bases applied to finitely generated field extensions.
CODEN JSYCEH. ISSN 0747-7171 (print), 1095-855X (electronic).

Muller-Quade:2000:GBA
Jörn Müller-Quade and Rainer Steinwandt.
Gröbner bases applied to finitely generated field extensions.
CODEN JSYCEH. ISSN 0747-7171 (print), 1095-855X (electronic).


Murray:1987:TLA


Mora:1988:GFI


Madlener:1998:GGB


Mourrain:2002:RBR


Mehlhorn:2010:FAC


Mayr:2013:DDB


Morrison:2015:AMC


Markwig:2017:SBM


Malm:1995:SRF


Martin:2000:IPW


MartinezdeCastilla:2000:CBI


Mosteig:2002:VF


Matera:2003:FCD

REFERENCES

ISSN 0747-7171 (print), 1095-855X (electronic).


[MS14] Nicolette Meshkat and Seth Sullivant. Identifiable reparametrizations of linear compartment


McLaughlin:2009:RRC


Mints:1988:PSP


Middeldorp:1993:CCC


Moller:2001:MPS


Mignotte:2003:LRS


Marche:2004:MIP


Mu:2008:PAQ


Mumuley:1990:FPP

REFERENCES


Mulders:1997:NSL


Mulders:2001:GSI


Mulders:2004:CSL


Mustata:2000:LCM


Ma:1990:AFA


Mihăilescu:2010:EGS

REFERENCES


[Matzat:1987:PGG]
B. Heinrich Matzat and Andreas Zeh-Marschke. Polynome mit der Galoisgruppe $M_{11}$ über $\mathbb{Q}$, (German) [polynomials with the Galois group $M_{11}$ over $\mathbb{Q}$]. Journal of Symbolic Computation, 4(1):93–97, August 1987. CODEN JSYCEH. ISSN 0747-7171 (print), 1095-855X (electronic).

[Nag16]

[Nak18]

[Nau98]

[Nauheim:1998:SAE]
0747-7171 (print), 1095-855X (electronic).


[Ng89] Tze Beng Ng. Computation of the cohomology of $B_{SO_n}(16)$ for $23 \leq n \leq 26$ using REDUCE. *Journal of Symbolic Computation*, 7(1):93–100 (or 93–99??), January 1989. CODEN JSYCEH. ISSN 0747-7171 (print), 1095-855X (electronic).


REFERENCES


Nipkow:1991:CMA

Nielsen:1990:UCA

Nishiyama:2010:SAL

Newman:1998:DGP

Ngo:2015:EDE

Narendran:1989:CFP

Nakamura:2010:ROS
REFERENCES


[Nor02] Patrik Nordbeck. SAGBI bases under composition.
REFERENCES


Noren:2015:TST


Nemes:1995:RMP


Neut:2009:ECG


Niemeyer:2017:CMI


Nieuwenhuis:1995:TPO


Nieuwenhuis:1997:PBA

Nutt:1989:BNR


Nef:1990:CSP


Navarro-Saad:1985:AFT


Nagasaka:2016:SIC


Nabeshima:2017:ALC

Nabeshima:2018:SSP


Nagy:2007:MLO

Gábor P. Nagy and Petr Vojtěchovský. The Moufang


REFERENCES

855X (electronic). Computational group theory, Part I.

O'Brien:1993:ITG


O'Brien:1994:ITG


Otten:2003:LLC


Olivieri:2003:ACP


Olteanu:2009:ACW


Ohlebusch:1995:MPC


Ouchi:2008:RUR


Otto:1998:ICS

REFERENCES


Ollongren:1988:PRF


Olver:2003:MF


Oeding:2013:ETA


Omana:2005:FPG


Omodeo:1993:DAE


Orecchia:2001:IGU


Orejas:2011:SGA

OHearn:1992:RFF


Oaku:1994:GBM


Oliart:2004:FAU


Otto:2004:RRM


Ostheimer:1999:PAP


Ogilvie:1987:ASC


Oaku:2001:MFR

[OT01] Toshinori Oaku and Nobuki Takayama. Minimal free resolutions of homogenized D-modules. *Journal of
REFERENCES


Oyono:2013:GAC

Otto:1991:WES

Oaku:2000:LAM

Oussous:1991:MCL

Orr:1994:CAA
Padawitz:1996:ITP


Pan:1994:SMP


Pan:1996:CAS


Palancz:2013:ADR


Pan:1999:BPI


Pan:2002:UPN


Pan:2002:UPN


Pan:1996:CAS


Pan:1989:BPI


Pan:2002:UPN


Franz Pauer. Gr"obner bases with coefficients in rings.
REFERENCES

Picart:2007:SSA


Paternoster:1998:CIS


Pison-Casares:2008:LS


Perez-Diaz:2007:CSP


Perez-Diaz:2003:CAP


Perez-Diaz:2008:URB


Pfalzgraf:2011:F


Peltier:1997:IMB

[PE97] Nicolas Peltier. Increasing model building capabilities by

Peltier:2003:CCR


Peltier:2003:MBO


Perdry:2004:SNR


Petkovsek:1992:HSL


Petermann:2000:CCT


Peternell:2010:RTP

REFERENCES

7171 (print), 1095-855X (electronic).

Plaisted:1986:SPC [PG86]


Paige:1987:MTS [PH87]


Poole:2011:SCC [PH11]


Pichler:2000:SAA [Pic00]


Pichler:2003:CEP [Pic03]


Pihnikova:2007:TCS [Pil07]

Jana Pihniková. Trivializing a central simple algebra of de-
REFERENCES

Piquette:1991:MSE


Pisabarro:2004:CLI


Plesken:1987:TSQ


Paulin-Mohring:1993:SMP


Pohst:1987:MLR


Pohst:1987:I


Pohst:1997:VCA


Pohst:1997:VCA

REFERENCES


Plaisted:1991:TRS


Petrov:1997:CRP


Pilehrood:2011:ABB


Pfister:2017:CGN


Peter:2013:RSL


Poteaux:2012:GRP


Prank:2013:TES

REFERENCES


REFERENCES


REFERENCES

Poulakis:2000:PSG

[Dimitrios Poulakis and Evagge-
los Voskos. On the practi-
cal solution of genus zero Dio-
phantine equations. Journal of Sym-
bolic Computation, 30(5):573–582, October
1, 2000. CODEN JSYCEH. ISSN 0747-7171 (print), 1095-
com/links/doi/10.1006/jsco.
idealibrary.com/links/doi/
10.1006/jsco.2000.0420/
pdf; http://www.idealibrary.
com/links/doi/10.1006/jsco.
2000.0420/ref.]

Poulakis:2002:SGZ

[Dimitrios Poulakis and Evagge-
los Voskos. Solving genus zero
Diophantine equations with at
most two infinite valuations.
Journal of Symbolic Compu-
tation, 33(4):479–491, April
2002. CODEN JSYCEH. ISSN 0747-7171 (print), 1095-
855X (electronic).]

Phillips:2005:LGA

[J. D. Phillips and Petr
Vojtěchovský. Linear groupoids
and the associated wreath
products. Journal of Sym-
bolic Computation, 40(3):
CODEN JSYCEH. ISSN
0747-7171 (print), 1095-855X
(electronic).]

Plaumann:2013:DRH

[Daniel Plaumann and Cyri-
thia Vinzant. Determinan-
tal representations of hyperb-
olic plane curves: an ele-
mentary approach. Journal of Sym-
bolic Computation, 57(??):48–60, October
2013. CODEN JSYCEH. ISSN 0747-7171 (print), 1095-
855X (electronic). URL http://
www.sciencedirect.com/
science/article/pii/S0747717113000679.]

Pavelle:1985:M

[Richard Pavelle and Paul S.
Wang. MACSYMA from F to
G. Journal of Symbolic Compu-
tation, 1(1):69–100, March
1985. CODEN JSYCEH. ISSN 0747-7171 (print), 1095-
855X (electronic).]

Parker:1990:CCM

[R. A. Parker and R. A. Wil-
son. The computer con-
struction of matrix represen-
tations of finite groups over
finite fields. Journal of Sym-
bolic Computation, 9(5–
CODEN JSYCEH. ISSN
0747-7171 (print), 1095-855X
(electronic). Computational
group theory, Part I.]

Priestley:1994:MBA

[H. A. Priestley and M. P.
Ward. A multipurpose back-
tracking algorithm. Journal of Sym-
bolic Computation, 18
(1):1–40, July 1994. CO-
DEN JSYCEH. ISSN 0747-
7171 (print), 1095-855X (elec-
tronic).]
REFERENCES


REFERENCES


[Ren92b] James Renegar. On the computational complexity and geometry of the first-order theory of the reals, Part II: The general decision problem. Preliminaries for quantifier elimination. *Journal of Sym-
References

Renegar:1992:CCGc


Richardson:1992:CTB


Rennert:2004:PMM


Richardson:1992:BBP


Richardson:1997:HRZ


Richardson:1999:WWS


Richardson:1991:WMK


Rieger:1993:CVG


Riese:2003:QPP


Rincon:2013:CTL


Rioboo:2003:TFR


Risler:1988:SAC


Robbiano:1986:TGS


Robertson:1988:TTW


Robidoux:1997:CAI

REFERENCES


[Rol00] Heinrich Rolletschek. Shortest division chains in imaginary quadratic number fields.
REFERENCES


REFERENCES

7171 (print), 1095-855X (electronic).

Royle:1987:TGD


Royle:1989:CVT


Ramesh:1990:PTP


Risler:1990:TP


Roman:2005:GBS


Rosenkranz:2008:SFB


Romero:2012:CHG


Romero:2006:CSS

REFERENCES

ISSN 0747-7171 (print), 1095-855X (electronic).


### REFERENCES

<table>
<thead>
<tr>
<th>Citation</th>
<th>Title</th>
</tr>
</thead>
</table>
Recio:2016:TVS

Rubio:2009:DRS

Rizzi:1985:USC

Rodriguez:2017:PAC

Ruano:2009:SGT

Rueda:2011:PDR
Sonia L. Rueda. A perturbed differential resultant


REFERENCES

Ratner:1990:PRR

Raymond:1994:GCL

Ryba:1990:CCM

Ryba:2001:CST

Rybowicz:2003:NNF

Reid:2009:SPS

Ronveaux:1999:DPR
Sakai:1989:CTB


Sadek:2016:PCF


Sadykov:2017:PDH


Sage:1988:ATQ


Sage:1989:EAT


Sagraloff:2014:CDM


REFERENCES


Sakata:1988:FMS


Smolka:1989:IHS


Salvy:1994:FCS


Santas:1995:TSC


Sanchez:1996:MMS


SauxPicart:1993:SCS


Sausse:2001:NAP

[Sau01] Alain Sausse. A new approach to primary decomposition. *Journal of Sym-
REFERENCES

Sauer:2018:PMS  [SBB⁺18]

Savage:1990:SCF  [Sch85]

Sit:1999:FGE  [Sch90a]

Sternberg:1989:SSE  [SBB⁺89]

Schwarz:1985:ADP  [Sch85]

Schneider:1990:CER  [Sch90a]
Gerhard J. A. Schneider. Computing with endomorphism rings of modular representations. *Journal of Symbolic Computation*, 9(5--
REFERENCES

Schneider:1990:DCT


Schend:1991:MDS


Schicho:1992:CPP


Schorn:1993:AAR


Schorn:1994:ESS


Schreiner:1996:PFP


Schicho:1998:RPS


Schiemann:1998:CHF

REFERENCES


Schulze:2001:AGM

Schicho:2003:SSP

Schost:2003:CRT

Schulze:2004:NFA
Mathias Schulze. A normal form algorithm for the

**Schulze:2005:GBT**


**Schonhage:2006:PRS**


**Schauenburg:2007:GBT**


**Schneider:2008:RDF**


**Schneider:2010:GST**


**Schneider:2016:DRT**


**Scheicher:2017:GBT**


**Schneider:2017:STI**

Carsten Schneider. Summation theory II: Characteriza-

**Subramani:2005:OQE**


**Sedoglavic:2002:PAT**


**Seiler:2002:TLR**


**Sekigawa:2009:RFR**


**Sekigawa:2011:CNP**


**Sendra:2002:NPA**


**Sakkalis:1990:SPA**


REFERENCES


Shparlinski:2014:PVL


Shtokhamer:1988:LCA


Sidebottom:1993:ICF


Sims:1987:VN


Sims:1990:COS

REFERENCES


REFERENCES


San-Juan:2001:ASM

Saraswat:1996:TDC

Sattler-Klein:1991:ECS

Sprenger:2012:ADP
Sendra:1992:EPG


Slattery:1986:CCD


Slattery:2001:CDC


Slattery:2007:GGS


Schulz:2011:CFT


She:2013:DPL


Sagraloff:2016:CRR

REFERENCES

Smart:1996:SDF

Schreiner:2003:DMP

Semjonov:1987:SPK

Smith:1993:CSM

Smith:2000:CGE

Smith:2002:GBO
REFERENCES


REFERENCES


REFERENCES

Shannon:1988:UGB


Schmidt-Schauss:1989:UCA


Schmidt-Schauss:1989:UPE


Schwartz:1990:TDD


Sasaki:1992:TNA


Shallit:1994:ALS


Shackell:1995:AFA

Salinier:1996:ESF


Schmidt-Schauss:1996:DUT


Salvy:1999:SAF


Sofronie-Stokkermans:2003:RBD


Suzuki:2003:AAC

REFERENCES

ISSN 0747-7171 (print), 1095-855X (electronic).


REFERENCES

Stembridge:1995:MPS


Steel:2005:CIP


Steel:2010:CAC


Steidel:2013:GBS


Stifter:1987:GRR


Stillman:2003:CAG

REFERENCES


REFERENCES

Singer:1993:GGS

Singer:1993:LAS

Sutherland:2012:ECM

Sutherland:2013:ECM

Sutherland:2015:CGG

Sutherland:2016:ECM

Sarlet:1992:RPS
W. Sarlet and J. Vanden Bonne. REDUCE-procedures


REFERENCES

bra and number theory (London, 1993).

**Shank:2002:CMI**


**Schonberg:2011:VCW**


**Shimoyama:1996:LPD**


**Szanto:2008:SDS**


**Szilagyi:2017:CJK**


**Tiden:1987:UPO**


**Tabera:2011:OAR**


REFERENCES


REFERENCES


**Topuzoglu:2014:CRP**


**Torgersen:1993:PSR**


**Traugott:1989:DSS**


**Traverso:1996:HFB**


**Tohaneanu:2010:BPM**


**Tombal:1985:MCD**


**Tombal:1989:APG**


**Tajima:2009:AIA**


**Topuzoglu:2014:CRP**


**Torgersen:1993:PSR**


**Traugott:1989:DSS**


**Traverso:1996:HFB**


Tsai:2000:WCL


Tsai:2016:ENT


Tsuji:2009:IEG


Tung:2002:ASP


Tung:2009:ANS


Torstensson:2005:URS

Anna Torstensson, Victor Ufnarovski, and Hans Överbeck. Using resultants for SAGBI


Unger:2006:CCT


Ulmer:1996:NKA


Uteshev:2015:MPQ


Umeno:1989:SCA


Vaccon:2017:MFA


Valibouze:2011:GBA


vandenEssen:1993:ACI


vanHoeij:1994:ACI

[van94] Mark van Hoeij. An algorithm for computing an in-

**vanHoeij:1997:FDO**


**vanHoeij:1997:FSF**


**vanHoeij:1997:RPA**


**VanDerKallen:2000:CHM**


**VanDerHoeven:2002:FLM**


**Vasconcelos:2000:DEC**

REFERENCES

Vatter:2006:FLG


Vatter:2012:FRI


Velev:2003:EUB


vanderHoeven:2001:FEH


vanderHoeven:2002:RDT


vanderHoeven:2005:EAF

vanderHoeven:2006:CWC


vanderHoeven:2007:ANS


vanderHoeven:2007:EAS


vanderHoeven:2007:GPS


vanderHoeven:2007:NAR


vanderHoeven:2009:AE


vanderHoeven:2010:NMF


vanderHoeven:2011:MET


vanderHoeven:2013:GSD


Veigneau:1997:SPS


Vela:2000:ESG


Verschelde:2000:TNM


von zur Gathen:1990:CNB


Vira:1990:ASC


Von Zur Gathen:1998:FMP


van Hoeij:2013:GS

REFERENCES

Vidunas:1999:DEO


Villard:1995:GSC


Villard:2002:P


Villard:2011:KDF


Viry:1993:FMP


Viry:1999:EC


Vidunas:1999:DEO
Visser:2005:SSR


Verrill:2007:CTV


Vaskouski:2016:SDC


vanDeursen:1993:OT


Vaughan-Lee:1990:CL


Vaughan-Lee:1993:ACG


Vrsek:2010:CAC


Vrsek:2016:RIG


REFERENCES

DEN JSYCEH. ISSN 0747-7171 (print), 1095-855X (electronic).


Walther:2005:ASR


Wang:1986:FSS


Wang:1991:MMC


Wang:1993:EMP


Wang:1994:HO


Wang:1994:DII


Wang:1996:PPO


Wang:1998:DPS

REFERENCES


[WC12] Xuhui Wang and Falai Chen. Implicitization, parameterization and singularity computation of Steiner surfaces using moving surfaces. *Jour-
REFERENCES


Weber:1995:CCA


Weber:1996:PIA


Weispfenning:1988:CAL


Weispfenning:1990:CAL


Weispfenning:1992:CGB


Weiermann:1994:CBS


Weispfenning:1997:SOQ

Weilert:2000:AGC


Weispfenning:2003:CCG


Weispfenning:2006:CGB


Weimann:2013:FBP


Weng:2006:CGT


Werner:1998:SAO


Wernhard:2012:PSD


Wirth:1994:CBA

[WG94] Claus-Peter Wirth and Bernhard Gramlich. A constructor-


[Wil95] Herbert S. Wilf. The computer-aided discovery of


G. Weber, L. Knipping, and H. Alt. An application of point pattern matching


[Wol03] Thomas Wolf. The integration of systems of linear PDEs using conservation laws of syzy-
Worfolk:1994:ZEV


Wrathall:1988:WPF


Wu:2009:IRB


Watt:1998:SIS


Wietecha:2009:PMA


Wursthorn:1993:IMG


Welzl:1994:SRB

REFERENCES

[Wilkening:2011:LCS]

[Wang:1993:ACI]

[Xia:2002:AIR]

[Xia:2010:TLP]

[XL13]

[Xu:2015:QEC]

[Xu:2013:STA]


techniques and applications (Dijon, 1985).

**Yamasaki:1994:TLP**


**Yokoyama:1992:SSA**


**Yokoyama:1994:MMA**


**Yokoyama:2017:SIC**


**You:1989:EON**


**Yamartino:1991:ACA**

REFERENCES

7171 (print), 1095-855X (electronic).


<table>
<thead>
<tr>
<th>Year</th>
<th>Authors</th>
<th>Title</th>
<th>Journal</th>
<th>Volume/Issue</th>
<th>Pages</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>1990</td>
<td>Xuan Zhao</td>
<td>A Mathematica program for the degrees of certain Schubert varieties</td>
<td>Journal of Symbolic Computation</td>
<td>33(4)</td>
<td>507–517</td>
<td>[ZD02]</td>
</tr>
<tr>
<td>2009</td>
<td>Mingbo Zhang</td>
<td>Decomposition of ordinary difference polynomials</td>
<td>Journal of Symbolic Computation</td>
<td>44(10)</td>
<td>1394–1409</td>
<td>[ZG09]</td>
</tr>
<tr>
<td>2006</td>
<td>Guangxing Zeng</td>
<td>Determination of the tangents for a real plane algebraic curve</td>
<td>Journal of Symbolic Computation</td>
<td>41(8)</td>
<td>863–886</td>
<td>[Zen06]</td>
</tr>
</tbody>
</table>

**REFERENCES**


**REFERENCES**


REFERENCES


REFERENCES

ISSN 0747-7171 (print), 1095-855X (electronic).


