

A Complete Bibliography of Publications in the *SIAM Journal on Applied Algebra and Geometry*

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Tel: +1 801 581 5254
FAX: +1 801 581 4148

E-mail: beebe@math.utah.edu, beebe@acm.org,
beebe@computer.org (Internet)
WWW URL: <https://www.math.utah.edu/~beebe/>

26 August 2024
Version 1.08

Title word cross-reference

2 [LW22]. 3 [DKPR22, MSS22]. C^2 [CGY17].
 C^3 [HL23]. j [Kos22]. \mathbf{C}^* [MMW21]. \mathbf{F}_q
[MSS22]. \mathbf{R}^3 [HL23]. \mathbf{Z}^n [YMV21]. μ [SG17].
 n [GO19a]. p [KL21]. q [Jan23]. X [CQU17].

-Action [MMW21]. -Adic [KL21]. -Bases
[SG17]. -Fold [MSS22]. -Invariants [Kos22].
-Matroid [Jan23]. -Parameter [LW22].
-Rank [CQU17]. -Zeros [MSS22].

3-Periodic [HE24].

Abstract [Fri23]. Acting [HMR24]. Action
[MMW21]. Actions [MKS20]. Adapted
[HHS21]. Adic [KL21]. AG [BACQ23].

Alexander [GK17]. Algebra
[DLW21, MKSV20]. Algebraic
[AP23, BKM21, CMS17, CLM24, DEW20,
DEE⁺23, DFR⁺24, DM22, FO24, FdW22,
KMZ21, KRV20, LS19, MS23, Sch18a, Sta21,
TGND21]. Algorithm [Mic19, Sta21].
Algorithms
[AKRS21, AKRS24b, CFW21, LMR23].
Alternatives [AM19]. Ambiguity [Edi19].
Analog [KW24]. Analogues [ACLN21].
Anomalies [SG17]. Application
[CGY17, CDM⁺24]. Applications
[BDFHH20, Der18, DGHP23, KK17, MS19,
NPSZ24]. Approach
[BYF⁺19, CMS21, CI22]. Approaches
[AC22, Ave19]. Approximation
[AP23, BDFHH20]. Arbitrary
[ACLN21, BK18]. Arithmetic [Kop17].

- Arrangements** [GL22]. **Aspects** [Sta21].
Associated [SG17]. **Atomically** [YMV21].
Attacks [CLS17]. **Auctions** [JKS22].
Augmented [CKMW21]. **Automorphisms** [IL23]. **Autonomy** [SR18, Sha19]. **Auxetic** [BS17]. **Averages** [NW23]. **Avoidance** [GC24]. **Axiomatic** [CMS21].
- Bad** [SG17]. **Barrier** [ABGJ18].
Barycenter [CS22, CDM⁺24]. **Base** [SG17].
Based [BYF⁺19, Sta21, Tra21, Pol22].
Bases [KM19, SG17]. **Bayesian** [BSST23, Nic23]. **Bent** [GL22]. **Betti** [LW22, OS24]. **Bigraded** [LW22].
Bijectivity [MHR19]. **Bilinear** [KK17].
Biomembrane [CGY17]. **Birationally** [CDM18]. **Bivariate** [DY24]. **Blum** [Sta21].
Bodies [FE18]. **Body** [GO19a]. **Border** [CGJ19, LM17]. **Bottleneck** [DEW20].
Bound [DV21, FE18, HM22]. **Boundary** [FdW22, LM20]. **Bounds** [BS24, MRZ22].
Branching [BCHP18]. **Breaking** [BCGO17]. **Buildings** [Hir19].
- Calibrated** [Kil17]. **Can** [BK20, Shi22].
Carathéodory [LR23]. **Cartan** [ÖSS18].
Case [BMN22]. **CAT** [HH21]. **Category** [KW24]. **Cauchy** [El 20]. **Cautionary** [MW23]. **Cells** [BK18]. **Central** [BMN22, DH23]. **Certifying** [Sau19].
Characteristic [Mic19]. **Characterization** [AD23, NFB19]. **Chief** [Stu17]. **Chiral** [PST22]. **Chordal** [CP17]. **Circuit** [DIdW17, MS23, Wan22]. **Circular** [For23].
Classes [KE22]. **Close** [CLR24]. **Clubs** [NPSZ24]. **Cluster** [FO24]. **Clustering** [CMS21]. **Code** [CGJ⁺17]. **Coded** [FHGHK17]. **Codes** [ACLN21, BH24, BACQ23, BNRS19, CLM24, CFS19, GR22, Jef20, Jef22, LS18b, MSS22].
Cohomology [YL17]. **Colluding** [FHGHK17]. **Colored** [CMMS23].
Combinatorial [Rav22]. **Comeagre** [HL23]. **Common** [GR22].
- Communications** [BDFHH20]. **Comon** [Dra24, Shi18]. **Compact** [HL23, HMR24].
Compatibility [BN20]. **Complements** [GR22]. **Complete** [HL23, KL23, MMW21].
Completely [KSZ24]. **Completion** [KKKR17]. **Complex** [HN23, Shi22].
Complexes [BHS⁺19, MHP18].
Complexity [DIP20, KW24].
Computation [DFR⁺24, LS19, YMV21].
Computer [LV20]. **Computing** [CS22, DEE⁺23, HH21, Hir19, KMZ21, LM20, LW22, MS23, MW23]. **Condition** [Bür17]. **Conditions** [KK17]. **Cone** [FdW22, Sch21]. **Cones** [IL23].
Configurations [DH23]. **Conformal** [CS22]. **Conjecture** [Dra24, Shi18, Tra21].
Conley [MW23]. **Connection** [BYF⁺19].
Connection-Based [BYF⁺19].
Connections [MKS20]. **Connectivity** [CMS17]. **Consistency** [MHP18].
Constants [BN20]. **Constrained** [MHP18].
Constraints [KMZ21]. **Construction** [BH24]. **Containment** [FNT17]. **Context** [ADV24]. **Context-Specific** [ADV24].
Contraction [ÖSS18]. **Control** [BCGO17].
Controls [MHP18]. **Convergence** [BMN22]. **Convex** [BKM21, CGJ⁺17, El 20, FE18, HH21, Hir19, Sch18a, Sch21].
Convexity [CFS19]. **Convolutional** [KMMT22, KMST24]. **Copositive** [KSZ24].
Corrigendum [AKRS24b, Sha19]. **Cost** [BCGO17]. **Counterexample** [Dra24, Shi18]. **Counting** [CDM18, CHHM18]. **Coupled** [FO24].
Coupling [CHHM18]. **Critical** [KMST24].
Cryo [YL17]. **Cryo-Electron** [YL17].
Curvature [BKM21]. **Curves** [CCW19, KRV20, Kos22, Sch18a]. **Cycle** [Oba18]. **Cycles** [CCW19].
- D** [DKPR22]. **Data** [TGND21]. **Databases** [FHGHK17]. **Datasets** [NW23].
Decidability [CFS19]. **Decomposable** [ADV24]. **Decomposing** [DKPR22].

Decomposition [BHS⁺19, CQU17, LMR23]. **Decompositions** [LM17]. **Deconvolution** [KK17]. **Degree** [BS24, BMN22, CLM24, DEW20, Hir19, LNRW23, MRW20, MMW21, RW17, SR18, Sha19]. **del** [BH24]. **Denoising** [Der18]. **Density** [Kra23]. **Derivative** [IL23]. **Description** [HMR24]. **Design** [BS17, DFR⁺24]. **Determinant** [GO19a]. **Determinantal** [BFMT21, BvDD⁺17, Vol19]. **Determinants** [Hir19]. **Determined** [Tur22]. **Diagrams** [GL23, MP22]. **Differential** [AGK⁺24, Cra19, DGHP23, KRV20]. **Dimension** [LON24, MM17]. **Dimensional** [Edi19, FNT17]. **Dimensions** [KOT23]. **Diophantine** [ADOO17]. **Dirac** [KW20]. **Directed** [CMS21]. **Directions** [DJ23]. **Discrete** [AA19, HH21, Hir19]. **Distance** [ALR19, LON24, MRW20, MP22, NFB19]. **Distinguishing** [GL18]. **Distributed** [DLW21]. **Distributions** [AA19, OPW20]. **Divisors** [CLM24]. **DLP** [Mic19]. **Do** [BSV17]. **Doubly** [Dym18]. **Dowling** [Rav22]. **Dream** [BSV17]. **Drone** [BK20]. **DSOS** [AM19]. **Dual** [BACQ23]. **Duality** [GK17]. **Dynamical** [Cra19, DGHP23]. **Edge** [DY24]. **Edit** [MP22]. **Editor** [Stu17]. **Editor-in-Chief** [Stu17]. **Eigenconfigurations** [Koz18]. **Eigenschemes** [BGV21]. **Eigenvalues** [Bre17, KOT23, Kra23]. **Eight** [KOT23]. **Elder** [CKMW21]. **Elder-Rule-Staircodes** [CKMW21]. **Electrical** [For23]. **Electron** [YL17]. **Elimination** [DGHP23]. **Elliptic** [CCW19, Kos22]. **Embeddings** [HSW18]. **Encodings** [Kos22]. **Enumerating** [KE22]. **Equation** [RS21]. **Equations** [ADOO17, AGK⁺24]. **Equilibria** [CDM18, CHHM18]. **Equivalence** [LS18a]. **Equivariant** [CNN20]. **Erratum** [Dra24, Jef22]. **Errors** [CLS17]. **Estimation** [AKRS21, AKRS24b, DM21, LON24, MHP18]. **Estimator** [AGK⁺24]. **Euclidean** [HSW18, Hir19, MRW20, NFB19]. **Evasion** [GK17]. **Evolution** [LRR20]. **Exact** [Dym18]. **Exceed** [Shi22]. **Exceptional** [HSW18]. **Existence** [PST22]. **Expected** [Bre17]. **experiment** [OPPS22]. **Experimental** [DFR⁺24]. **Explicit** [CLM24, HMR24, NFB19]. **Exponential** [MHR19]. **Exponential/Generalized** [MHR19]. **Expressiveness** [GL22]. **Extension** [BdSN17]. **Extensions** [ACLN21, CLM24, KMZ21]. **Extraneous** [SG17]. **Facet** [DJ23]. **Factorization** [CKM⁺17]. **Factors** [SG17]. **False** [Tra21]. **Families** [BFMT21, MHR19]. **Fan** [MS19]. **Fano** [IZ17]. **Feature** [DEE⁺23]. **Fewnomials** [BETC19]. **Fibers** [BBCY20]. **Fields** [Mic19]. **Finite** [CMS17, FNT17, Mic19, Tra21]. **Finite-Dimensional** [FNT17]. **Finiteness** [DH23]. **Fixed** [DH23, DJ23]. **Flags** [BACQ23]. **Flat** [KOT23]. **Flexible** [CGY17]. **Fold** [MSS22]. **Forced** [Ber22]. **Forms** [El 20, KL23]. **Formulas** [BFMT21]. **Formulation** [FO24]. **Foundations** [LRR20, MKSV20]. **Frames** [CMS17, CI22]. **Frameworks** [HE24]. **Free** [BSV17, CDM⁺24, GL23]. **Friendly** [CCW19]. **Fully** [Koz18]. **Function** [KMST24]. **Functions** [AA19, BDFHH20, BCGO17, DEFT22, OPW20, OS24]. **Galois** [ACLN21, DS20, DKPR22]. **Galois/Monodromy** [DKPR22]. **Gap** [CGZ23]. **Gaussian** [AA19, AGK⁺24, Bre17, CMMS23, DGS24]. **General** [CM20, Der18, JPRS23]. **Generalized** [El 20, JKS22, MHR19]. **Generated** [IL23, YMV21]. **Generator** [Oba18]. **Generic** [Ber22, SR18, Sha19]. **Genetic** [LRR20]. **Genomic** [ALR19]. **Geometric** [AC22, CLM24, DEE⁺23,

- DIP20, HE24, NW23]. **Geometries** [Rav22]. **Geometry** [BKM21, BDLS23, DGS24, Edi19, FO24, KKKR17, KM19, KMMT22, Kop17, KL21, LS19, LM17]. **Global** [NFB19]. **Good** [BH24]. **Gordan** [LR23]. **Gough** [CM20, HSW18]. **Graded** [BBCY20]. **Gram** [HHS21]. **Graph** [CGG⁺18, Pol22]. **Graph-based** [Pol22]. **Graphical** [CMMS23]. **Graphs** [AD23, Kra23]. **Group** [HSW18]. **Groups** [CDM⁺24, DKPR22, HMR24, LS19, ÖSS18]. **Guided** [KE22].
- Harmonic** [BC24]. **Hausdorff** [LM20]. **Hear** [BK20]. **Hierarchical** [CMS21]. **Higher** [BdSN17, HKU17, KM19, Rav22]. **Higher-Order** [HKU17]. **Higher-Weight** [Rav22]. **Hilbert** [HN23, LV20, OS24]. **Hilbert-Samuel** [HN23]. **Homogeneous** [Las19]. **Homology** [AC22, BK23, BC24, HOST19, LW22, MKPGC19, Oba18]. **Hulls** [CLM24, Sch18a]. **Hyperbolic** [Sau19]. **Hyperbolicity** [IL23]. **Hypercube** [BS24]. **Hyperplane** [GL22].
- Ideals** [CP17, CMMS23, KW20]. **Identifiability** [CQU17, DGHP23, KK17, OPPS22]. **Improvements** [Sta21]. **Including** [Sta21]. **Inclusion** [BN20]. **Inclusions** [Cra19]. **Independence** [RW17]. **Index** [CDM18, MW23]. **Inequalities** [Ave19, El 20]. **Inference** [ALR19]. **Infinitesimal** [Ber22]. **Infinity** [SG17]. **Information** [DS20, FHGHK17]. **Injectivity** [KK17]. **Innovation** [LRR20]. **Integer** [OPW20]. **Integral** [KL21]. **Integrals** [BSST23, CDM⁺24]. **Integration** [MKS20]. **Interior** [ABGJ18, DY24]. **Interpolation** [BdSN17]. **Intersecting** [Bür17]. **Intersection** [CDM18]. **Invariant** [AKRS21, CDM18, CI22, MKSV20, AKRS24b]. **Invariants** [HL23, Kos22, LS19]. **Inverse** [KK17]. **Irrational** [CBG⁺23]. **Irrationality** [CKM⁺17]. **Irreducibility** [CMS17]. **Isometries** [YMV21]. **Isometry** [BACQ23]. **Isometry-Dual** [BACQ23]. **Isoperimetric** [DLSS19]. **Isotopy** [KE22]. **Isotropy** [CI22]. **Iterated** [CDM⁺24, DEFT22]. **Iterated-Integrals** [CDM⁺24]. **Iterated-Sums** [DEFT22].
- Jewel** [BN20]. **Joint** [PSW21].
- Kalai** [Sta21]. **Kernel** [AP23]. **Khovanskii** [KM19]. **Kippenhahn** [PSW21]. **Koszul** [BFMT21]. **Koszul-Type** [BFMT21]. **Kronecker** [MM17]. **Kummer** [CLM24]. **Kuramoto** [CDM18, CHHM18].
- Laman** [CGG⁺18]. **Laplacian** [KOT23]. **Large** [KOT23]. **Lattice** [LS18a]. **Lattices** [BK18, MP22, Rav22]. **LCD** [CLM24]. **Leaf** [GO19b]. **Learning** [BYF⁺19, DJ23]. **Lemmas** [MS19]. **Lie** [CDM⁺24, MKSV20]. **Likelihood** [AKRS21, AKRS24b, AGK⁺24, DM21, DGS24, LNRW23, MMW21, RW17]. **Line** [BRST23]. **Linear** [ADOO17, Ave19, Bür17, GR22, KMZ21, KMMT22, KMST24, RS21]. **Links** [HN23]. **Lipschitz** [GL23]. **Lipschitz-Free** [GL23]. **Local** [CFS19, KW20]. **Locating** [CHHM18]. **Locus** [CM20]. **Log** [ABGJ18, ALR19]. **Log-Barrier** [ABGJ18]. **Log-Det** [ALR19]. **Lower** [DV21, FE18]. **LWE** [Sta21].
- Makes** [CGJ⁺17]. **Manifold** [BYF⁺19]. **Manifolds** [DEE⁺23, GC24, MKSV20]. **Many** [BSS18, BACQ23]. **Many-Point** [BACQ23]. **Maps** [BBCY20, CQU17, DS20, MHR19]. **Marginals** [MM17]. **Mathematical** [LRR20]. **Matrices** [NFB19]. **Matrix** [Ave19, BN20, CI22, CKM⁺17, DM21, GG21, GO19a, KSZ24, LM17]. **Matroid** [Jan23, MS23, Tra21]. **Matroid-Based** [Tra21]. **Maximum**

[AKRS21, AKRS24b, AGK⁺24, DM21, LNRW23, MMW21, RW17]. **Maxout** [MRZ22]. **Measure** [LM20]. **Measurements** [BN20]. **Message** [Stu17]. **Method** [BSS18, LS19]. **Methods** [ABGJ18, TGND21]. **Metric** [AAF18, ACLN21, BNRS19, CKMW21]. **Metrics** [CR20]. **Microscopy** [YL17]. **Minimal** [DKPR22, Kil17, KE22, LW22]. **Minimization** [NFB19]. **Minkowski** [LR23, MRZ22]. **Mixed** [BFMT21]. **Mixtures** [KW20, RW17]. **Model** [CDM18, CHHM18, JPRS23, OPPS22]. **Modeling** [HE24]. **Modelling** [CGY17]. **Models** [ADV24, ALR24, AGK⁺24, CMMS23, DM21, DGHP23, MM17, RS21, RW17]. **Modules** [BdSN17]. **Moment** [DS20, KW20]. **Monodromy** [DKPR22]. **Monomials** [HM22]. **Monotone** [BDLS23]. **Monotonicity** [KL23]. **Morphisms** [Jef20, Jef22]. **Morse** [MHP18]. **Motion** [CFW21, ÖSS18]. **MRD** [GR22]. **Muller** [ACLN21]. **Multi** [BBCY20, OPPS22, RS21]. **Multi-experiment** [OPPS22]. **Multi-Graded** [BBCY20]. **Multi-Trek** [RS21]. **Multigraded** [OS24]. **Multilabeled** [MS19]. **Multilinear** [BFMT21, DLW21]. **Multiparameter** [HOST19]. **Multiplication** [LM17]. **Multiplicative** [CGJ19]. **Multiplicities** [HN23]. **Multiplicity** [DIP20]. **Multitriangulations** [RS24]. **Multiview** [BRST23, MRW20].

nc [HH21]. **nc-Rank** [HH21]. **Networks** [CMS21, CP17, Cra19, DP17, For23, GL22, GL18, KMMT22, KMST24, MRZ22, Nic23]. **Neural** [CFS19, CGJ⁺17, GL22, Jef20, Jef22]. **Nilpotent** [CDM⁺24]. **Non** [CLM24, Nic23]. **Non-special** [CLM24]. **Non-toric** [Nic23]. **Noncommutative** [Vol19]. **Nonnegative** [CKM⁺17, DIdW17, KL23, Wan22]. **Nonnegativity** [Sau19]. **Norm** [CMS17]. **Normal** [DM21]. **Norms** [BK18, Nie17]. **Nuclear** [Nie17]. **Number** [Bre17, BETC19, CGG⁺18, LS18b, MRZ22]. **Numbers** [LW22, OS24, Rav22]. **Numerical** [LS19, MKSV20, PSW21].

Obstacle [GC24]. **Obstruction** [CFS19]. **Obstructions** [DIP20]. **Occurrence** [DIP20]. **ODEs** [OPPS22]. **One** [CLR24, CR20, CHHM18, Edi19, IL23, KKKR17]. **One-Dimensional** [Edi19]. **onto** [BBCY20]. **Operator** [FNT17]. **Operators** [BKM21]. **Optimal** [AAF18, Ave19, BCGO17, JKS22, KK17, Kos22, Oba18]. **Optimization** [AM19, Ave19, BMN22, DM22, HH21, HE24, Hir19, OPW20, Sau19]. **Optimize** [Pol22]. **Orbit** [HMR24, LS18a, YMV21]. **Orbits** [DS20]. **Order** [HKU17, Sch21]. **Ordinary** [GLSV19]. **Orientable** [HL23]. **Orthogonal** [BBCY20]. **Other** [LM17].

Packings [FJM18]. **Pairing** [CCW19]. **Pairing-Friendly** [CCW19]. **Parallel** [BYF⁺19]. **Parameter** [CR20, LW22, OPPS22]. **Parametric** [OPW20]. **Parametrized** [CFW21]. **Partial** [GO19b]. **Partitioned** [NW23]. **Path** [BMN22]. **Paths** [BDLS23, GL23]. **Paulsen** [CI22]. **Perfect** [AD23]. **Periodic** [BS17, HE24, KE22, Kra23]. **Permanent** [Shi21]. **Permutahedra** [JKS22]. **Persistence** [BdSN17, CR20, GL23, MP22]. **Persistent** [AC22, BK23, BC24, HOST19, LW22, MKPGC19, Oba18]. **Perspectives** [DM22]. **Perturbation** [HKU17]. **Pezzo** [BH24]. **Pfaffians** [RS24]. **Phase** [Edi19]. **Phaseless** [GG21]. **Phylogenetic** [DP17, For23, GO19b, GL18]. **Phylogenomic** [ALR24]. **Picard** [LS19, LS18b]. **Pivot** [BDLS23]. **Planar** [For23]. **Plane** [Sch21]. **Planning** [CFW21]. **Platform** [CM20]. **Platforms** [HSW18].

- Point** [ABGJ18, BACQ23]. **Points** [KMST24, SG17]. **Polyhedral** [BSS18, BDLS23]. **Polynomial** [ABGJ18, Ave19, CP17, CQU17, Cra19, HMR24, KMZ21, LNRW23, Mic19, MHR19, Pol22, Sau19]. **Polynomials** [DIdW17, LMR23, Las19, MS23, MSS22, Mic19, Vol19, Wan22]. **Polytope** [AKRS24a]. **Polytopes** [BCHP18, DJ23, LS18a]. **Posets** [KMZ21]. **Positive** [BSS18, FE18, GK17, KSZ24]. **Positivstellensatz** [BS24, DIdW17]. **Preordered** [Fri23]. **Presentations** [LW22]. **Principles** [BS17]. **Private** [FHGHK17]. **Probability** [CLR24, KSZ24]. **Problem** [CLS17, CI22]. **Problems** [BCGO17, DKPR22, GC24, KK17, Kil17]. **Product** [CGJ19, MM17, SG17]. **Profiles** [DLSS19]. **Programming** [BS21]. **Projection** [BBCY20]. **Projections** [DGHP23]. **Projective** [Bür17, DGS24, FJM18]. **Projectivization** [Jan23]. **Propagation** [JPRS23]. **Pursuit** [GK17]. **Putinar** [BS24].
- Quadratics** [MMW21]. **Quantifying** [LRR20]. **Quantum** [BN20, CBG⁺23, DS20, PSW21]. **Quasi** [Mic19]. **Quasi-Polynomial** [Mic19]. **Quasisymmetric** [DEFT22]. **Queueing** [Pol22]. **Quiver** [CI22, DM21].
- Radial** [CI22]. **Random** [BETC19, CLR24, KSZ24]. **Ranges** [PSW21]. **Rank** [ACLN21, BNRS19, CLR24, CGJ19, CQU17, CHHM18, FE18, GG21, HH21, HM22, IL23, KKKR17, KM19, LM17, Shi21]. **Rank-Metric** [ACLN21, BNRS19]. **Rank-One** [CLR24, CHHM18, IL23, KKKR17]. **Rate** [AKRS24a, BMN22]. **Rational** [AGK⁺24, BBCY20, SG17]. **Rationality** [CM20]. **Reaction** [Cra19]. **Real** [Bre17, BETC19, FJM18, Koz18, NFB19, Sch18a]. **Realization** [FNT17]. **Realizations** [CGG⁺18]. **Reconstruction** [AAF18, CNN20, DKPR22, GLSV19]. **Reconstructions** [PST22]. **Recovery** [Dym18]. **Reduction** [GC24, Pol22]. **Reed** [ACLN21]. **Region** [AKRS24a]. **Regions** [MRZ22]. **Related** [LS19, OPW20]. **Relaxation** [Dym18]. **Relaxations** [IL23]. **ReLU** [GL22]. **Representation** [BNRS19, El 20, Sch18a, Sch21]. **Representations** [BvDD⁺17, DM21, GO19b, Vol19]. **Representative** [Oba18]. **Requires** [CKM⁺17]. **Resolutions** [BSV17]. **Resonant** [Kop17]. **Respect** [BK18]. **Reticulate** [LRR20]. **Retrieval** [Edi19, FHGHK17]. **Riemannian** [GC24, HE24]. **Rigidity** [Ber22, MS23]. **Ring** [Sta21, Sta21]. **Ring-Based** [Sta21]. **Ring-LWE** [Sta21]. **RLWE** [CLS17]. **RNA** [BCHP18]. **Robust** [CMS21, HE24]. **Room** [BK20]. **Rossby** [Kop17]. **Rotations** [Ber22]. **Rule** [CKMW21]. **Rules** [BDLS23].
- Samuel** [HN23]. **Scaling** [AKRS21, AKRS24b]. **Scheme** [CGY17]. **Schemes** [IZ17, LV20]. **Schwarz** [El 20]. **SDSOS** [AM19]. **SE** [HL23]. **Search** [CLS17]. **Second** [Sch21]. **Second-Order** [Sch21]. **Segrè** [HSW18]. **Selection** [Mic19]. **Semialgebraic** [BK23, LM20]. **Semidefinite** [AM19, Ave19, BMN22, BS21, FE18, Sch18a]. **Semifields** [Fri23]. **Semirings** [Fri23]. **Separation** [RS21]. **Sequences** [ALR19]. **Series** [DEFT22]. **Servers** [FHGHK17]. **Service** [AKRS24a]. **Set** [HL23]. **Sets** [BK23, GO19b, KL23, Las19, LM20, Sch21]. **Shadows** [Sch18b]. **Shape** [BK20]. **Sharp** [MRZ22]. **Signal** [Der18]. **Signatures** [CDM⁺24, DEFT22, GL23, KRV20]. **Signomial** [DM22]. **Silhouettes** [GLSV19]. **Simplicial** [CNN20]. **Single** [DY24].

Singular [BHS⁺19, Der18, HKU17, Tur22].
Singularities [CM20, GLSV19]. **Size** [Ave19]. **Sizes** [DEE⁺23]. **Slope** [JPRS23].
Smale [MHP18]. **Small** [CLM24, CLS17, LS18b, Mic19]. **Solutions** [ADOO17, BSS18]. **Solving** [Sta21]. **Sonc** [FdW22]. **Sonc-Cone** [FdW22]. **Space** [DP17, GO19b, KMST24, LON24]. **Spaces** [CKMW21, FJM18, GL23, HH21, HMR24].
Sparse [ADOO17, BSS18, BS21, LNRW23, MSS22].
Sparseness [GR22]. **Spatial** [DH23].
Special [HSW18, CLM24]. **Species** [ALR19]. **Specific** [ADV24]. **Spectrahedra** [HHS21]. **Spectrahedral** [FNT17, Sch18b].
Sperner [MS19]. **Sphere** [CGY17]. **Splines** [DV21, DY24]. **Split** [For23]. **Square** [NFB19]. **Squares** [AM19, AD23, BSV17, BS21, El 20].
Stability [OS24]. **Stabilization** [CR20].
Stable [Vol19]. **Staircodes** [CKMW21].
Stars [DV21]. **States** [PSW21]. **Statistical** [AGK⁺24, MHP18]. **Statistics** [MKPGC19].
Stewart [CM20, HSW18]. **Stochastic** [Dym18]. **Storage** [DLW21]. **Stratifying** [HOST19]. **Strong** [SG17]. **Stronger** [DIP20]. **Strongly** [ABGJ18]. **Structural** [DGHP23, RS21]. **Structure** [BCHP18].
Study [LRR20]. **Subconfigurations** [DH23]. **Subdivision** [CGY17]. **Subgroups** [YMV21]. **Subject** [KMZ21]. **Sublevel** [KL23, Las19]. **Subrank** [CGZ23, Shi22].
Subspace [Bür17]. **Subspaces** [GR22].
Sufficient [MKPGC19]. **Sum** [AM19, AD23, El 20]. **Sums** [BSV17, BS21, DEFT22, DIdW17, MRZ22].
Surfaces [BH24, BBCY20, GLSV19, HL23, KE22, LS18b, SG17]. **Symmetric** [CLR24, NFB19, Nie17, Shi22].
Symmetrically [CMMS23]. **Symmetries** [ALR24, Dym18]. **Symmetrized** [NFB19].
Symmetry [Ber22, BCGO17, GC24, HHS21, KE22, LM17, LR23, Pol22].
Symmetry-Forced [Ber22].
Synchronization [ÖSS18]. **Systems** [BFMT21, BSS18, Cra19, For23, FNT17, LNRW23].
Tale [MW23]. **Tangent** [LON24].
Template [MHP18]. **Tensegrity** [HE24].
Tensor [Bre17, BNRS19, CLR24, CGJ19, KKKR17, Nie17, SG17, Shi22, TGND21].
Tensors [BGV21, CGZ23, Koz18, LMR23, LM17, Tur22]. **Ternary** [BGV21].
Tetrahedral [DV21]. **Their** [GLSV19, IL23, NPSZ24, Tur22, Vol19].
Theorem [PSW21]. **Theorems** [LR23].
Theoretic [CI22]. **Theory** [AKRS21, AKRS24b, Der18, DFR⁺24, DS20, DIP20, FO24, OPPS22, Pol22]. **Theta** [AA19, BDFHH20]. **Tight** [CMS17].
Tightest [Oba18]. **Tilings** [KE22]. **Time** [DEFT22, Mic19]. **Topological** [GL22, LRR20]. **Topologically** [MHP18].
Topology [CFW21]. **Tori** [HMR24, KOT23]. **Toric** [BSST23, CMMS23, Cra19, IZ17, MSS22, Nic23].
Total [DLSS19]. **Totally** [DY24].
Tractable [AM19]. **Transcendental** [LS19].
Transformations [FN18]. **Translations** [Ber22]. **Transport** [AAF18, BYF⁺19].
Transversality [GL22]. **Tree** [ALR19, ALR24, GO19b]. **Trek** [RS21].
Triads [FN18, Kop17]. **Triangulation** [DY24]. **Trifocal** [Kil17]. **Triply** [KE22].
Trivariate [MSS22]. **Tropical** [DEFT22, KM19, MKPGC19, RS24].
Tuples [Tur22]. **Two** [LV20, PST22]. **Type** [BFMT21].
Unfolding [BYF⁺19]. **Unified** [HMR24].
Uniform [BvDD⁺17]. **Unit** [CMS17].
Using [ALR19, CDM18, HE24].
Valuation [Tra21]. **Valuations** [KM19].
Value [BHS⁺19]. **Values** [Der18, HKU17].
Vanishing [CMMS23]. **Variation** [DLSS19].
Varieties [AP23, BSST23, BRST23, CMS17,

- DEW20, DGS24, IZ17]. **Variety** [Bür17, Kil17, MRW20]. **Varying** [Bür17]. **Vergleichsstellensätze** [Fri23]. **Versions** [MS19]. **Vertex** [DV21]. **Vertices** [MRZ22]. **Via** [AAF18, AA19, DM21, DGHP23, HH21, Hir19, MHP18, ÖSS18, Sau19]. **View** [PST22]. **Vision** [LV20]. **Voicing** [FN18]. **Volume** [Las19, Oba18]. **Volume-Optimal** [Oba18]. **Volumes** [KL23]. **Voronoi** [BK18]. **Walks** [CBG⁺23]. **Waring** [HM22, Shi21]. **Wasserman** [Sta21]. **Wasserstein** [LON24]. **Wave** [Kop17]. **Weak** [BH24]. **Weight** [Rav22]. **Weyl** [HMR24, LR23]. **Whitney** [Rav22]. **Wildfire** [JPRS23]. **Wind** [JPRS23]. **Worst** [BMN22]. **Worst-Case** [BMN22]. **x** [Shi21]. **Zeros** [BETC19, MSS22].

References

- Agostini:2019:DGD** [AA19] Daniele Agostini and Carlos Améndola. Discrete Gaussian distributions via theta functions. *SIAM Journal on Applied Algebra and Geometry*, 3(1):1–30, ???? 2019. CODEN SJAABQ. ISSN 2470-6566.
- Adamaszek:2018:MRO** [AAF18] Michał Adamaszek, Henry Adams, and Florian Frick. Metric reconstruction via optimal transport. *SIAM Journal on Applied Algebra and Geometry*, 2(4):597–619, ???? 2018. CODEN SJAABQ. ISSN 2470-6566.
- Allamigeon:2018:LBI** [ABGJ18] Xavier Allamigeon, Pascal Benchimol, Stéphane Gaubert, and Michael Joswig. Log-barrier interior point methods are not strongly polynomial. *SIAM Journal on Applied Algebra and Geometry*, 2(1):140–178, ???? 2018. CODEN SJAABQ. ISSN 2470-6566.
- Adams:2022:GAP** [AC22] Henry Adams and Baris Coskunuzer. Geometric approaches to persistent homology. *SIAM Journal on Applied Algebra and Geometry*, 6(4):685–710, ???? 2022. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/21M1422914>.
- Augot:2021:RMC** [ACLN21] Daniel Augot, Alain Couvreur, Julien Lavauzelle, and Alessandro Neri. Rank-metric codes over arbitrary Galois extensions and rank analogues of Reed–Muller codes. *SIAM Journal on Applied Algebra and Geometry*, 5(2):165–199, ???? 2021. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/20M1348583>.
- Ahmadi:2023:SSC** [AD23] Amir Ali Ahmadi and Cemil Dibek. A sum of squares characterization of perfect graphs. *SIAM Journal on Applied Algebra and Geometry*, 7(4):685–715, ???? 2023. CODEN SJAABQ. ISSN 2470-6566.

- URL <https://pubs.siam.org/doi/10.1137/22M1530410>.
Aliev:2017:SSL
- [ADOO17] Iskander Aliev, Jesús A. De Loera, Timm Oertel, and Christopher O’Neill. Sparse solutions of linear Diophantine equations. *SIAM Journal on Applied Algebra and Geometry*, 1(1):239–253, ????. 2017. CODEN SJAABQ. ISSN 2470-6566.
Alexandr:2024:DCS
- [ADV24] Yulia Alexandr, Eliana Duarte, and Julian Vill. Decomposable context-specific models. *SIAM Journal on Applied Algebra and Geometry*, 8(2):363–393, May 2024. ISSN 2470-6566.
Amendola:2024:DEG
- [AGK⁺24] Carlos Améndola, Lukas Gustafsson, Kathlén Kohn, Orlando Marigliano, and Anna Seigal. Differential equations for Gaussian statistical models with rational maximum likelihood estimator. *SIAM Journal on Applied Algebra and Geometry*, 8(3):465–492, ????. 2024. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/23M1569228>.
Amendola:2021:ITS
- [AKRS21] Carlos Améndola, Kathlén Kohn, Philipp Reichenbach, and Anna Seigal. Invariant theory and scaling algorithms for maximum likelihood estimation. *SIAM Journal on Applied Algebra and Geometry*, 5(2):304–337, ????. 2021. CODEN SJAABQ. ISSN 2470-6566.
- URL <https://pubs.siam.org/doi/10.1137/20M1328932>. See corrigendum [AKRS24b].
Alfarano:2024:SRR
- [AKRS24a] Gianira N. Alfarano, Altan B. Kılıç, Alberto Ravagnani, and Emina Soljanin. The service rate region polytope. *SIAM Journal on Applied Algebra and Geometry*, 8(3):553–582, ????. 2024. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/23M1557829>.
Amendola:2024:CIT
- [AKRS24b] Carlos Améndola, Kathlén Kohn, Philipp Reichenbach, and Anna Seigal. Corrigendum: Invariant theory and scaling algorithms for maximum likelihood estimation. *SIAM Journal on Applied Algebra and Geometry*, 8(2):460–463, ????. 2024. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/23M1588317>. See [AKRS21].
Allman:2019:STI
- [ALR19] Elizabeth S. Allman, Colby Long, and John A. Rhodes. Species tree inference from genomic sequences using the log-Det distance. *SIAM Journal on Applied Algebra and Geometry*, 3(1):107–127, ????. 2019. CODEN SJAABQ. ISSN 2470-6566.

- | | |
|---|--|
| <div style="border: 1px solid black; padding: 5px; text-align: center;">Allman:2024:PMT</div> <p>[ALR24] Elizabeth S. Allman, Colby Long, and John A. Rhodes. Phylogenomic models from tree symmetries. <i>SIAM Journal on Applied Algebra and Geometry</i>, 8(1):114–137, February 2024. ISSN 2470-6566.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Ahmadi:2019:DSO</div> <p>[AM19] Amir Ali Ahmadi and Anirudha Majumdar. DSOS and SDSOS optimization: More tractable alternatives to sum of squares and semidefinite optimization. <i>SIAM Journal on Applied Algebra and Geometry</i>, 3(2):193–230, ???? 2019. CODEN SJAABQ. ISSN 2470-6566.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Altschuler:2023:KAA</div> <p>[AP23] Jason M. Altschuler and Pablo A. Parrilo. Kernel approximation on algebraic varieties. <i>SIAM Journal on Applied Algebra and Geometry</i>, 7(1):1–28, ???? 2023. CODEN SJAABQ. ISSN 2470-6566. URL https://pubs.siam.org/doi/10.1137/21M1425050.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Averkov:2019:OSL</div> <p>[Ave19] Gennadiy Averkov. Optimal size of linear matrix inequalities in semidefinite approaches to polynomial optimization. <i>SIAM Journal on Applied Algebra and Geometry</i>, 3(1):128–151, ???? 2019. CODEN SJAABQ. ISSN 2470-6566.</p> | <div style="border: 1px solid black; padding: 5px; text-align: center;">BACQ23</div> <p>[BACQ23] Maria Bras-Amorós, Alonso S. Castellanos, and Luciane Quoos. Isometry-dual flags of many-point AG codes. <i>SIAM Journal on Applied Algebra and Geometry</i>, 7(4):786–808, November 2023. ISSN 2470-6566.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Bras-Amoros:2023:IDF</div> <div style="border: 1px solid black; padding: 5px; text-align: center;">Botbol:2020:FMG</div> <p>[BBCY20] Nicolás Botbol, Laurent Busé, Marc Chardin, and Fatmanur Yildirim. Fibers of multi-graded rational maps and orthogonal projection onto rational surfaces. <i>SIAM Journal on Applied Algebra and Geometry</i>, 4(2):322–353, ???? 2020. CODEN SJAABQ. ISSN 2470-6566.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Basu:2024:HPH</div> <p>[BC24] Saugata Basu and Nathanael Cox. Harmonic persistent homology. <i>SIAM Journal on Applied Algebra and Geometry</i>, 8(1):189–224, March 2024. ISSN 2470-6566.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Bloch:2017:OCP</div> <p>[BCGO17] Anthony M. Bloch, Leonardo J. Colombo, Rohit Gupta, and Tomoki Ohsawa. Optimal control problems with symmetry breaking cost functions. <i>SIAM Journal on Applied Algebra and Geometry</i>, 1(1):626–646, ???? 2017. CODEN SJAABQ. ISSN 2470-6566.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Barrera-Cruz:2018:SRB</div> <p>[BCHP18] Fidel Barrera-Cruz, Christine Heitsch, and Svetlana Poznanović. On the structure</p> |
|---|--|

- of RNA branching polytopes. *SIAM Journal on Applied Algebra and Geometry*, 2(3):444–461, ???? 2018. CODEN SJAABQ. ISSN 2470-6566.
- Barreal:2020:ATF**
- [BDFHH20] Amaro Barreal, Mohamed Taoufiq Damir, Ragnar Freij-Hollanti, and Camilla Hollanti. An approximation of theta functions with applications to communications. *SIAM Journal on Applied Algebra and Geometry*, 4(4):471–501, ???? 2020. CODEN SJAABQ. ISSN 2470-6566.
- Black:2023:PGP**
- [BDLS23] Alexander E. Black, Jesús A. De Loera, Niklas Lütjeharms, and Raman Sanyal. The polyhedral geometry of pivot rules and monotone paths. *SIAM Journal on Applied Algebra and Geometry*, 7(3):623–650, ???? 2023. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/22M1475910>.
- Bubenik:2017:HIE**
- [BdSN17] Peter Bubenik, Vin de Silva, and Vudit Nanda. Higher interpolation and extension for persistence modules. *SIAM Journal on Applied Algebra and Geometry*, 1(1):272–284, ???? 2017. CODEN SJAABQ. ISSN 2470-6566.
- Bernstein:2022:GSF**
- [Ber22] Daniel Irving Bernstein. Generic symmetry-forced infinitesimal rigidity: Translations and rotations. *SIAM Journal on Applied Algebra and Geometry*, 6(2):190–215, ???? 2022. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/20M1346961>.
- Burgisser:2019:NRZ**
- [BETC19] Peter Bürgisser, Alperen A. Ergür, and Josué Tonelli-Cueto. On the number of real zeros of random fewnomials. *SIAM Journal on Applied Algebra and Geometry*, 3(4):721–732, ???? 2019. CODEN SJAABQ. ISSN 2470-6566.
- Bender:2021:KTD**
- [BFMT21] Matías R. Bender, Jean-Charles Faugère, Angelos Mantzaflaris, and Elias Tsigaridas. Koszul-type determinantal formulas for families of mixed multilinear systems. *SIAM Journal on Applied Algebra and Geometry*, 5(4):589–619, ???? 2021. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/20M1332190>.
- Beorchia:2021:ETT**
- [BGV21] Valentina Beorchia, Francesco Galuppi, and Lorenzo Venturello. Eigenschemes of ternary tensors. *SIAM Journal on Applied Algebra and Geometry*, 5(4):620–650, ???? 2021. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/20M1355410>.

- | | |
|--|---|
| <div style="border: 1px solid black; padding: 5px; text-align: center;">Blache:2024:CGC</div> <p>[BH24] Régis Blache and Emmanuel Hallouin. Construction of good codes from weak del Pezzo surfaces. <i>SIAM Journal on Applied Algebra and Geometry</i>, 8(2):414–459, ???? 2024. CODEN SJAABQ. ISSN 2470-6566. URL https://pubs.siam.org/doi/10.1137/23M1549882.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Brake:2019:SVD</div> <p>[BHS⁺19] Danielle A. Brake, Jonathan D. Hauenstein, Frank-Olaf Schreyer, Andrew J. Sommese, and Michael E. Stillman. Singular value decomposition of complexes. <i>SIAM Journal on Applied Algebra and Geometry</i>, 3(3):507–522, ???? 2019. CODEN SJAABQ. ISSN 2470-6566.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Blomer:2018:VCL</div> <p>[BK18] Johannes Blömer and Kathlén Kohn. Voronoi cells of lattices with respect to arbitrary norms. <i>SIAM Journal on Applied Algebra and Geometry</i>, 2(2):314–338, ???? 2018. CODEN SJAABQ. ISSN 2470-6566.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Boutin:2020:DCH</div> <p>[BK20] Mireille Boutin and Gregor Kemper. A drone can hear the shape of a room. <i>SIAM Journal on Applied Algebra and Geometry</i>, 4(1):123–140, ???? 2020. CODEN SJAABQ. ISSN 2470-6566.</p> | <div style="border: 1px solid black; padding: 5px; text-align: center;">[BK23]</div> <p>[BK23] Saugata Basu and Negin Karisani. Persistent homology of semialgebraic sets. <i>SIAM Journal on Applied Algebra and Geometry</i>, 7(3):651–684, ???? 2023. CODEN SJAABQ. ISSN 2470-6566. URL https://pubs.siam.org/doi/10.1137/22M1494415.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Bettiol:2021:CAG</div> <p>[BKM21] Renato G. Bettoli, Mario Kummer, and Ricardo A. E. Mendes. Convex algebraic geometry of curvature operators. <i>SIAM Journal on Applied Algebra and Geometry</i>, 5(2):200–228, ???? 2021. CODEN SJAABQ. ISSN 2470-6566. URL https://pubs.siam.org/doi/10.1137/20M1350777.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Basu:2022:CPS</div> <p>[BMN22] Saugata Basu and Ali Mohammad-Nezhad. On the central path of semidefinite optimization: Degree and worst-case convergence rate. <i>SIAM Journal on Applied Algebra and Geometry</i>, 6(2):299–318, ???? 2022. CODEN SJAABQ. ISSN 2470-6566. URL https://pubs.siam.org/doi/10.1137/21M1419933.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Bluhm:2020:CQM</div> <p>[BN20] Andreas Bluhm and Ion Nechita. Compatibility of quantum measurements and inclusion constants for the matrix jewel. <i>SIAM Journal on Applied Algebra and Geometry</i>, 4(2):255–296, ???? 2020. CODEN SJAABQ. ISSN 2470-6566.</p> |
|--|---|

- Byrne:2019:TRR**
- [BNRS19] Eimear Byrne, Alessandro Neri, Alberto Ravagnani, and John Sheekey. Tensor representation of rank-metric codes. *SIAM Journal on Applied Algebra and Geometry*, 3(4):614–643, ???? 2019. CODEN SJAABQ. ISSN 2470-6566.
- Breiding:2017:ENE**
- [Bre17] Paul Breiding. The expected number of eigenvalues of a real Gaussian tensor. *SIAM Journal on Applied Algebra and Geometry*, 1(1):254–271, ???? 2017. CODEN SJAABQ. ISSN 2470-6566.
- Breiding:2023:LMV**
- [BRST23] Paul Breiding, Felix Rydell, Elima Shehu, and Angélica Torres. Line multiview varieties. *SIAM Journal on Applied Algebra and Geometry*, 7(2):470–504, ???? 2023. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/22M1482263>.
- Borcea:2017:NPA**
- [BS17] Ciprian S. Borcea and Ileana Streinu. New principles for auxetic periodic design. *SIAM Journal on Applied Algebra and Geometry*, 1(1):442–458, ???? 2017. CODEN SJAABQ. ISSN 2470-6566.
- Blekherman:2021:SSS**
- [BS21] Grigoriy Blekherman and Kevin Shu. Sums of squares and
- Byrne:2019:TRR**
- [BS24] sparse semidefinite programming. *SIAM Journal on Applied Algebra and Geometry*, 5(4):651–674, ???? 2021. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/20M1376170>.
- Baldi:2024:DBP**
- Lorenzo Baldi and Lucas Slot. Degree bounds for Putinar’s Positivstellensatz on the hypercube. *SIAM Journal on Applied Algebra and Geometry*, 8(1):1–25, January 2024. ISSN 2470-6566.
- Bihan:2018:PMS**
- Frédéric Bihan, Francisco Santos, and Pierre-Jean Spaenlehauer. A polyhedral method for sparse systems with many positive solutions. *SIAM Journal on Applied Algebra and Geometry*, 2(4):620–645, ???? 2018. CODEN SJAABQ. ISSN 2470-6566.
- Borinsky:2023:BIT**
- [BSST23] Michael Borinsky, Anna-Laura Sattelberger, Bernd Sturmfels, and Simon Telen. Bayesian integrals on toric varieties. *SIAM Journal on Applied Algebra and Geometry*, 7(1):77–103, ???? 2023. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/22M1490569>.
- Blekherman:2017:DSS**
- [BSV17] Grigoriy Blekherman, Rainer Sinn, and Mauricio Velasco. Do

- Burgisser:2017:CIP**
- [Bür17] Peter Bürgisser. Condition of intersecting a projective variety with a varying linear subspace. *SIAM Journal on Applied Algebra and Geometry*, 1(1):175–199, ???? 2017. CODEN SJAABQ. ISSN 2470-6566.
- Boralevi:2017:UDR**
- [BvDD⁺17] Ada Boralevi, Jasper van Doornmalen, Jan Draisma, Michiel E. Hochstenbach, and Bor Plestenjak. Uniform determinantal representations. *SIAM Journal on Applied Algebra and Geometry*, 1(1):415–441, ???? 2017. CODEN SJAABQ. ISSN 2470-6566.
- Budninskiy:2019:PTU**
- [BYF⁺19] Max Budninskiy, Gloria Yin, Leman Feng, Yiying Tong, and Mathieu Desbrun. Parallel transport unfolding: a connection-based manifold learning approach. *SIAM Journal on Applied Algebra and Geometry*, 3(2):266–291, ???? 2019. CODEN SJAABQ. ISSN 2470-6566.
- Coutinho:2023:IQW**
- [CBG⁺23] Gabriel Coutinho, Pedro Ferreira Baptista, Chris Godsil, Thomás Jung Spier, and Reinhard Werner. Irrational quantum walks. *SIAM Journal on Applied Algebra and Geometry*, 7(3):567–584, ???? 2023. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/22M1521262>.
- Chiesa:2019:CPF**
- [CCW19] Alessandro Chiesa, Lynn Chua, and Matthew Weidner. On cycles of pairing-friendly elliptic curves. *SIAM Journal on Applied Algebra and Geometry*, 3(2):175–192, ???? 2019. CODEN SJAABQ. ISSN 2470-6566.
- Chen:2018:CEK**
- [CDM18] Tianran Chen, Robert Davis, and Dhagash Mehta. Counting equilibria of the Kuramoto model using birationally invariant intersection index. *SIAM Journal on Applied Algebra and Geometry*, 2(4):489–507, ???? 2018. CODEN SJAABQ. ISSN 2470-6566.
- Clausel:2024:BFN**
- [CDM⁺24] Marianne Clausel, Joscha Diehl, Raphael Mignot, Leonard Schmitz, Nozomi Sugiura, and Konstantin Usevich. The barycenter in free nilpotent Lie groups and its application to iterated-integrals signatures. *SIAM Journal on Applied Algebra and Geometry*, 8(3):519–552, ???? 2024. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/23M159024X>.

- Chen:2019:NCD**
- [CFS19] Aaron Chen, Florian Frick, and Anne Shiu. Neural codes, decidability, and a new local obstruction to convexity. *SIAM Journal on Applied Algebra and Geometry*, 3(1):44–66, ???? 2019. CODEN SJAABQ. ISSN 2470-6566.
- Cohen:2021:TPM**
- [CFW21] Daniel C. Cohen, Michael Farber, and Shmuel Weinberger. Topology of parametrized motion planning algorithms. *SIAM Journal on Applied Algebra and Geometry*, 5(2):229–249, ???? 2021. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/20M1358505>.
- Capco:2018:NRL**
- [CGG⁺18] Jose Capco, Matteo Gallet, Georg Grasegger, Christoph Koutschan, Niels Lubbes, and Josef Schicho. The number of realizations of a Laman graph. *SIAM Journal on Applied Algebra and Geometry*, 2(1):94–125, ???? 2018. CODEN SJAABQ. ISSN 2470-6566.
- Curto:2017:WMN**
- [CGJ⁺17] Carina Curto, Elizabeth Gross, Jack Jeffries, Katherine Morrison, Mohamed Omar, Zvi Rosen, Anne Shiu, and Nora Youngs. What makes a neural code convex? *SIAM Journal on Applied Algebra and Geometry*, 1(1):222–238, ???? 2017.
- Christandl:2019:BRM**
- [CGJ19] Matthias Christandl, Fulvio Gesmundo, and Asger Kjærulff Jensen. Border rank is not multiplicative under the tensor product. *SIAM Journal on Applied Algebra and Geometry*, 3(2):231–255, ???? 2019. CODEN SJAABQ. ISSN 2470-6566.
- Chen:2017:FSS**
- [CGY17] Jingmin Chen, Sara Grundel, and Thomas P. Y. Yu. A flexible C^2 subdivision scheme on the sphere: With application to biomembrane modelling. *SIAM Journal on Applied Algebra and Geometry*, 1(1):459–483, ???? 2017. CODEN SJAABQ. ISSN 2470-6566.
- Christandl:2023:GST**
- [CGZ23] Matthias Christandl, Fulvio Gesmundo, and Jeroen Zuidam. A gap in the subrank of tensors. *SIAM Journal on Applied Algebra and Geometry*, 7(4):742–767, November 2023. ISSN 2470-6566.
- Coss:2018:LCE**
- [CHHM18] Owen Coss, Jonathan D. Hauenstein, Hoon Hong, and Daniel K. Molzahn. Locating and counting equilibria of the Kuramoto model with rank-one coupling. *SIAM Journal on Applied Algebra and Geometry*, 2(1):45–71, ???? 2018. CODEN SJAABQ. ISSN 2470-6566.

- Chindris:2022:QIT**
- [CI22] Calin Chindris and Jasim Ismaeel. A quiver invariant theoretic approach to radial isotropy and the paulsen problem for matrix frames. *SIAM Journal on Applied Algebra and Geometry*, 6(4):536–562, ???? 2022. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/21M141470X>.
- Chistikov:2017:NMF**
- [CKM⁺17] Dmitry Chistikov, Stefan Kiefer, Ines Marušić, Mahsa Shirmohammadi, and James Worrell. Nonnegative matrix factorization requires irrationality. *SIAM Journal on Applied Algebra and Geometry*, 1(1):285–307, ???? 2017. CODEN SJAABQ. ISSN 2470-6566.
- Cai:2021:ERS**
- [CKMW21] Chen Cai, Woojin Kim, Fáculo Mémoli, and Yusu Wang. Elder-rule-staircodes for augmented metric spaces. *SIAM Journal on Applied Algebra and Geometry*, 5(3):417–454, ???? 2021. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/20M1353605>.
- CampsMoreno:2024:ENS**
- [CLM24] Eduardo Camps Moreno, Hiram H. López, and Gretchen L. Matthews. Explicit non-special divisors of small degree, algebraic geometric hulls, and LCD codes from Kummer extensions.
- SIAM Journal on Applied Algebra and Geometry**, 8(2):394–413, ???? 2024. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/21M1467936>.
- Cazzaniga:2024:WPR**
- [CLR24] Alberto Cazzaniga, Antonio Lerario, and Andrea Rosana. What is the probability that a random symmetric tensor is close to rank-one? *SIAM Journal on Applied Algebra and Geometry*, 8(2):227–258, April 2024. ISSN 2470-6566.
- Chen:2017:ASR**
- [CLS17] Hao Chen, Kristin Lauter, and Katherine E. Stange. Attacks on the search RLWE problem with small errors. *SIAM Journal on Applied Algebra and Geometry*, 1(1):665–682, ???? 2017. CODEN SJAABQ. ISSN 2470-6566.
- Coste:2020:RLS**
- [CM20] Michel Coste and Seydou Moussa. Rationality of the locus of singularities of the general Gough–Stewart platform. *SIAM Journal on Applied Algebra and Geometry*, 4(3):401–421, ???? 2020. CODEN SJAABQ. ISSN 2470-6566.
- Coons:2023:SCG**
- [CMMS23] Jane I. Coons, Aida Maraj, Pratik Misra, and Miruna-Stefana Sorea. Symmetrically colored Gaussian graphical models with toric vanishing ideals.

- SIAM Journal on Applied Algebra and Geometry*, 7(1):133–158, ???? 2023. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/21M1466943>.
- Cahill:2017:CIA** [CQU17]
- [CMS17] Jameson Cahill, Dustin G. Mixon, and Nate Strawn. Connectivity and irreducibility of algebraic varieties of finite unit norm tight frames. *SIAM Journal on Applied Algebra and Geometry*, 1(1):38–72, ???? 2017. CODEN SJAABQ. ISSN 2470-6566.
- Carlsson:2021:RHC** [CR20]
- [CMS21] Gunnar Carlsson, Facundo Mémoli, and Santiago Segarra. Robust hierarchical clustering for directed networks: An axiomatic approach. *SIAM Journal on Applied Algebra and Geometry*, 5(4):675–700, ???? 2021. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/20M1359201>.
- Carbone:2020:ESR** [Cra19]
- [CNN20] Lisa Carbone, Vudit Nanda, and Yusra Naqvi. Equivariant simplicial reconstruction. *SIAM Journal on Applied Algebra and Geometry*, 4(4):532–552, ???? 2020. CODEN SJAABQ. ISSN 2470-6566.
- Cifuentes:2017:CNP** [CS22]
- [CP17] Diego Cifuentes and Pablo A. Parrilo. Chordal networks of polynomial ideals. *SIAM Journal on Applied Algebra and Geometry*, 1(1):73–110, ???? 2017. CODEN SJAABQ. ISSN 2470-6566.
- Comon:2017:IRD**
- Pierre Comon, Yang Qi, and Konstantin Usevich. Identifiability of an X -rank decomposition of polynomial maps. *SIAM Journal on Applied Algebra and Geometry*, 1(1):388–414, ???? 2017. CODEN SJAABQ. ISSN 2470-6566.
- Chacholski:2020:MSO**
- Wojciech Chachólski and Henri Riihimäki. Metrics and stabilization in one parameter persistence. *SIAM Journal on Applied Algebra and Geometry*, 4(1):69–98, ???? 2020. CODEN SJAABQ. ISSN 2470-6566.
- Craciun:2019:PDS**
- Gheorghe Craciun. Polynomial dynamical systems, reaction networks, and toric differential inclusions. *SIAM Journal on Applied Algebra and Geometry*, 3(1):87–106, ???? 2019. CODEN SJAABQ. ISSN 2470-6566.
- Cantarella:2022:CCB**
- Jason Cantarella and Henrik Schumacher. Computing the conformal barycenter. *SIAM Journal on Applied Algebra and Geometry*, 6(3):503–530, ???? 2022. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/21M1449282>.

- | | |
|---|--|
| <div style="border: 1px solid black; padding: 5px; text-align: center;">DiRocco:2023:CGF</div> <p>[DEE⁺23] Sandra Di Rocco, Parker B. Edwards, David Eklund, Oliver Gafvert, and Jonathan D. Hauenstein. Computing geometric feature sizes for algebraic manifolds. <i>SIAM Journal on Applied Algebra and Geometry</i>, 7(4):716–741, November 2023. ISSN 2470-6566.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Diehl:2022:TTS</div> <p>[DEFT22] Joscha Diehl, Kurusch Ebrahimi-Fard, and Nikolas Tapia. Tropical time series, iterated-sums signatures, and quasisymmetric functions. <i>SIAM Journal on Applied Algebra and Geometry</i>, 6(4):563–599, ???? 2022. CODEN SJAABQ. ISSN 2470-6566. URL https://pubs.siam.org/doi/10.1137/20M1380041.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">DerkSEN:2018:GTS</div> <p>[Der18] Harm Derksen. A general theory of singular values with applications to signal denoising. <i>SIAM Journal on Applied Algebra and Geometry</i>, 2(4):535–596, ???? 2018. CODEN SJAABQ. ISSN 2470-6566.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">DiRocco:2020:BDA</div> <p>[DEW20] Sandra Di Rocco, David Eklund, and Madeleine Weinstein. The bottleneck degree of algebraic varieties. <i>SIAM Journal on Applied Algebra and Geometry</i>, 4(1):227–253, ???? 2020. CODEN SJAABQ. ISSN 2470-6566.</p> | <div style="border: 1px solid black; padding: 5px; text-align: center;">Dimitrova:2024:AED</div> <p>[DFR⁺24] Elena S. Dimitrova, Cameron H. Fredrickson, Nicholas A. Rondoni, Brandilyn Stigler, and Alan Veliz-Cuba. Algebraic experimental design: Theory and computation. <i>SIAM Journal on Applied Algebra and Geometry</i>, 8(2):284–301, April 2024. ISSN 2470-6566.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Dong:2023:DED</div> <p>[DGHP23] Ruiwen Dong, Christian Goodbrake, Heather A. Harrington, and Gleb Pogudin. Differential elimination for dynamical models via projections with applications to structural identifiability. <i>SIAM Journal on Applied Algebra and Geometry</i>, 7(1):194–235, ???? 2023. CODEN SJAABQ. ISSN 2470-6566. URL https://pubs.siam.org/doi/10.1137/22M1469067.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">DiRocco:2024:GLG</div> <p>[DGS24] Sandra Di Rocco, Lukas Gustafsson, and Luca Schaffler. Gaussian likelihood geometry of projective varieties. <i>SIAM Journal on Applied Algebra and Geometry</i>, 8(1):89–113, February 2024. ISSN 2470-6566.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Deng:2023:FSC</div> <p>[DH23] Yiyang Deng and Marshall Hampton. Finiteness of spatial central configurations with fixed subconfigurations. <i>SIAM Journal on Applied Algebra and Geometry</i>, 7(3):610–622, ???? 2023. CODEN SJAABQ. ISSN 2470-6566.</p> |
|---|--|

- URL <https://pubs.siam.org/doi/10.1137/22M1490788>.
- Dressler:2017:PSN**
- [DIdW17] Mareike Dressler, Sadik Iliman, and Timo de Wolff. A Positivstellensatz for sums of non-negative circuit polynomials. *SIAM Journal on Applied Algebra and Geometry*, 1(1):536–555, ???? 2017. CODEN SJAABQ. ISSN 2470-6566.
- Dorfler:2020:GCT**
- [DIP20] Julian Dörfler, Christian Ikenmeyer, and Greta Panova. On geometric complexity theory: Multiplicity obstructions are stronger than occurrence obstructions. *SIAM Journal on Applied Algebra and Geometry*, 4(2):354–376, ???? 2020. CODEN SJAABQ. ISSN 2470-6566.
- Dostert:2023:LPF**
- [DJ23] Maria Dostert and Katharina Jochemko. Learning polytopes with fixed facet directions. *SIAM Journal on Applied Algebra and Geometry*, 7(2):440–469, ???? 2023. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/22M1481695>.
- Duff:2022:GMG**
- [DKPR22] Timothy Duff, Viktor Krotynskiy, Tomas Pajdla, and Margaret H. Regan. Galois/Monodromy groups for decomposing minimal problems in 3D reconstruction.
- URL <https://pubs.siam.org/doi/10.1137/21M1422872>.
- DeFord:2019:TVI**
- [DLSS19] Daryl DeFord, Hugo Lavenant, Zachary Schutzman, and Justin Solomon. Total variation isoperimetric profiles. *SIAM Journal on Applied Algebra and Geometry*, 3(4):585–613, ???? 2019. CODEN SJAABQ. ISSN 2470-6566.
- Duursma:2021:MAD**
- [DLW21] Iwan Duursma, Xiao Li, and Hsin-Po Wang. Multilinear algebra for distributed storage. *SIAM Journal on Applied Algebra and Geometry*, 5(3):552–587, ???? 2021. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/20M1346742>.
- DerkSEN:2021:MLE**
- [DM21] Harm Derksen and Visu Makam. Maximum likelihood estimation for matrix normal models via quiver representations. *SIAM Journal on Applied Algebra and Geometry*, 5(2):338–365, ???? 2021. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/20M1369348>.
- Dressler:2022:APS**
- [DM22] Mareike Dressler and Riley Murray. Algebraic perspectives on signomial optimization.

- SIAM Journal on Applied Algebra and Geometry*, 6(4):650–684, ???? 2022. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/21M1462568>.
- Devadoss:2017:SPN**
- [DP17] Satyan L. Devadoss and Samantha Petti. A space of phylogenetic networks. *SIAM Journal on Applied Algebra and Geometry*, 1(1):683–705, ???? 2017. CODEN SJAABQ. ISSN 2470-6566.
- Draisma:2024:ECC**
- [Dra24] Jan Draisma. Erratum: A counterexample to Comon’s conjecture. *SIAM Journal on Applied Algebra and Geometry*, 8(1):225, March 2024. ISSN 2470-6566. See [Shi18].
- Dixon:2020:MMG**
- [DS20] Kael Dixon and Simon Salamon. Moment maps and Galois orbits in quantum information theory. *SIAM Journal on Applied Algebra and Geometry*, 4(4):502–531, ???? 2020. CODEN SJAABQ. ISSN 2470-6566.
- DiPasquale:2021:LBS**
- [DV21] Michael DiPasquale and Nelly Villamizar. A lower bound for splines on tetrahedral vertex stars. *SIAM Journal on Applied Algebra and Geometry*, 5(2):250–277, ???? 2021. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/20M1341118>.
- DiPasquale:2024:BST**
- [DY24] Michael DiPasquale and Beihui Yuan. Bivariate splines on a triangulation with a single totally interior edge. *SIAM Journal on Applied Algebra and Geometry*, 8(3):686–712, ???? 2024. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/23M158317X>.
- Dym:2018:ERS**
- [Dym18] Nadav Dym. Exact recovery with symmetries for the doubly stochastic relaxation. *SIAM Journal on Applied Algebra and Geometry*, 2(3):462–488, ???? 2018. CODEN SJAABQ. ISSN 2470-6566.
- Edidin:2019:GAO**
- [Edi19] Dan Edidin. The geometry of ambiguity in one-dimensional phase retrieval. *SIAM Journal on Applied Algebra and Geometry*, 3(4):644–660, ???? 2019. CODEN SJAABQ. ISSN 2470-6566.
- ElKhadir:2020:SSR**
- [El 20] Bachir El Khadir. On sum of squares representation of convex forms and generalized Cauchy-Schwarz inequalities. *SIAM Journal on Applied Algebra and Geometry*, 4(2):377–400, ???? 2020. CODEN SJAABQ. ISSN 2470-6566.
- Forsgaard:2022:ABS**
- [FdW22] Jens Forsgård and Timo de Wolff. The algebraic boundary of the

- sonc-cone. *SIAM Journal on Applied Algebra and Geometry*, 6(3):468–502, ???? 2022. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/20M1325484>. Fawzi:2018:LBP
- [FE18] Hamza Fawzi and Mohab Safey El Din. A lower bound on the positive semidefinite rank of convex bodies. *SIAM Journal on Applied Algebra and Geometry*, 2(1):126–139, ???? 2018. CODEN SJAABQ. ISSN 2470-6566. Freij-Hollanti:2017:PIR
- [FHGHK17] Ragnar Freij-Hollanti, Oliver W. Gnilke, Camilla Hollanti, and David A. Karpuk. Private information retrieval from coded databases with colluding servers. *SIAM Journal on Applied Algebra and Geometry*, 1(1):647–664, ???? 2017. CODEN SJAABQ. ISSN 2470-6566. Fickus:2018:PRP
- [FJM18] Matthew Fickus, John Jasper, and Dustin G. Mixon. Packings in real projective spaces. *SIAM Journal on Applied Algebra and Geometry*, 2(3):377–409, ???? 2018. CODEN SJAABQ. ISSN 2470-6566. Fiore:2018:VTT
- [FN18] Thomas M. Fiore and Thomas Noll. Voicing transformations of triads. *SIAM Journal on Applied Algebra and Geometry*, 2(2):281–313, ???? 2018. CODEN SJAABQ. ISSN 2470-6566. Fritz:2017:SCO
- [FO24] Tobias Fritz, Tim Netzer, and Andreas Thom. Spectrahedral containment and operator systems with finite-dimensional realization. *SIAM Journal on Applied Algebra and Geometry*, 1(1):556–574, ???? 2017. CODEN SJAABQ. ISSN 2470-6566. Faulstich:2024:CCT
- [For23] Fabian M. Faulstich and Matthias Oster. Coupled cluster theory: Toward an algebraic geometry formulation. *SIAM Journal on Applied Algebra and Geometry*, 8(1):138–188, February 2024. ISSN 2470-6566. Forcey:2023:CPE
- [Fri23] Stefan Forcey. Circular planar electrical networks, split systems, and phylogenetic networks. *SIAM Journal on Applied Algebra and Geometry*, 7(1):49–76, ???? 2023. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/22M1473844>. Fritz:2023:AVP
- Tobias Fritz. Abstract Vergleichsstellensätze for preordered semifields and semirings I. *SIAM Journal on Applied Algebra and Geometry*, 7(2):505–547, ???? 2023. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/22M1498413>.

- Goodman:2024:RSO**
- [GC24] Jacob R. Goodman and Leonardo J. Colombo. Reduction by symmetry in obstacle avoidance problems on Riemannian manifolds. *SIAM Journal on Applied Algebra and Geometry*, 8(1):26–53, January 2024. ISSN 2470-6566.
- Goucha:2021:PRM**
- [GG21] António Pedro Goucha and João Gouveia. The phaseless rank of a matrix. *SIAM Journal on Applied Algebra and Geometry*, 5(3):526–551, ???? 2021. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/19M1289820>.
- Ghrist:2017:PAD**
- [GK17] Robert Ghrist and Sanjeevi Krishnan. Positive Alexander duality for pursuit and evasion. *SIAM Journal on Applied Algebra and Geometry*, 1(1):308–327, ???? 2017. CODEN SJAABQ. ISSN 2470-6566.
- Gross:2018:DPN**
- [GL18] Elizabeth Gross and Colby Long. Distinguishing phylogenetic networks. *SIAM Journal on Applied Algebra and Geometry*, 2(1):72–93, ???? 2018. CODEN SJAABQ. ISSN 2470-6566.
- Grigsby:2022:TBH**
- [GL22] J. Elisenda Grigsby and Kathryn Lindsey. On transversality of bent hyperplane arrangements and the topological expressiveness of ReLU neural networks.
- Giusti:2023:SLF**
- [GL23] Chad Giusti and Darrick Lee. Signatures, Lipschitz-free spaces, and paths of persistence diagrams. *SIAM Journal on Applied Algebra and Geometry*, 7(4):828–866, December 2023. ISSN 2470-6566.
- Gallet:2019:RSO**
- [GJSV19] Matteo Gallet, Niels Lubbes, Josef Schicho, and Jan Vrsek. Reconstruction of surfaces with ordinary singularities from their silhouettes. *SIAM Journal on Applied Algebra and Geometry*, 3(3):472–506, ???? 2019. CODEN SJAABQ. ISSN 2470-6566.
- Grinberg:2019:BMD**
- [GO19a] Darij Grinberg and Peter J. Olver. The n body matrix and its determinant. *SIAM Journal on Applied Algebra and Geometry*, 3(1):67–86, ???? 2019. CODEN SJAABQ. ISSN 2470-6566.
- Grindstaff:2019:RPL**
- [GO19b] Gillian Grindstaff and Megan Owen. Representations of partial leaf sets in phylogenetic tree space. *SIAM Journal on Applied Algebra and Geometry*, 3(4):691–720, ???? 2019. CODEN SJAABQ. ISSN 2470-6566.

- DEN SJAABQ. ISSN 2470-6566.
- Gruica:2022:CCL**
- [GR22] Anina Gruica and Alberto Ravagnani. Common complements of linear subspaces and the sparseness of MRD codes. *SIAM Journal on Applied Algebra and Geometry*, 6(2):79–110, ???? 2022. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/21M1428947>.
- Himmelmann:2024:RGM**
- [HE24] Matthias Himmelmann and Mhyfanwy E. Evans. Robust geometric modeling of 3-periodic tensegrity frameworks using Riemannian optimization. *SIAM Journal on Applied Algebra and Geometry*, 8(2):259–283, April 2024. ISSN 2470-6566.
- Hamada:2021:CNR**
- [HH21] Masaki Hamada and Hiroshi Hirai. Computing the nc-rank via discrete convex optimization on CAT(0) spaces. *SIAM Journal on Applied Algebra and Geometry*, 5(3):455–478, ???? 2021. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/20M138836X>.
- Heaton:2021:SAG**
- [HHS21] Alexander Heaton, Serkan Hosten, and Isabelle Shankar. Symmetry adapted Gram spectrahedra. *SIAM Journal on Applied Algebra and Geometry*, 5(1):140–164, ???? 2021. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/20M133796X>.
- Hirai:2019:CDD**
- [Hir19] Hiroshi Hirai. Computing the degree of determinants via discrete convex optimization on Euclidean buildings. *SIAM Journal on Applied Algebra and Geometry*, 3(3):523–557, ???? 2019. CODEN SJAABQ. ISSN 2470-6566.
- Hackbusch:2017:PHO**
- [HKU17] Wolfgang Hackbusch, Daniel Kressner, and André Uschmajew. Perturbation of higher-order singular values. *SIAM Journal on Applied Algebra and Geometry*, 1(1):374–387, ???? 2017. CODEN SJAABQ. ISSN 2470-6566.
- Hayut:2023:CSI**
- [HL23] Yair Hayut and David Lehavi. Complete $SE(3)$ invariants for a comeagre set of C^3 compact orientable surfaces in \mathbf{R}^3 . *SIAM Journal on Applied Algebra and Geometry*, 7(2):311–344, ???? 2023. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/21M1445776>.
- Han:2022:NBW**
- [HM22] Kangjin Han and Hyunsuk Moon. A new bound for the Waring rank of monomials. *SIAM Journal on Applied Algebra and Geometry*, 6(3):

- 407–431, ???? 2022. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/21M1390736>.
- Hubert:2024:OSW**
- [HMR24] Evelyne Hubert, Tobias Metzlaff, and Cordian Riener. Orbit spaces of Weyl groups acting on compact tori: A unified and explicit polynomial description. *SIAM Journal on Applied Algebra and Geometry*, 8(3):612–649, ???? 2024. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/23M158173X>.
- Helmer:2023:CLH**
- [HN23] Martin Helmer and Vidit Nanda. Complex links and Hilbert-samuel multiplicities. *SIAM Journal on Applied Algebra and Geometry*, 7(1):29–48, ???? 2023. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/22M1475533>.
- Harrington:2019:SMP**
- [HOST19] Heather A. Harrington, Nina Otter, Hal Schenck, and Ulrike Tillmann. Stratifying multi-parameter persistent homology. *SIAM Journal on Applied Algebra and Geometry*, 3(3):439–471, ???? 2019. CODEN SJAABQ. ISSN 2470-6566.
- Hauenstein:2018:ESG**
- [HSW18] Jonathan D. Hauenstein, Samantha N. Sherman, and Charles W. Wampler. Exceptional Stewart–Gough platforms, Segre embeddings, and the special Euclidean group. *SIAM Journal on Applied Algebra and Geometry*, 2(1):179–205, ???? 2018. CODEN SJAABQ. ISSN 2470-6566.
- Ito:2023:ARO**
- Masaru Ito and Bruno F. Lourenço. Automorphisms of rank-one generated hyperbolicity cones and their derivative relaxations. *SIAM Journal on Applied Algebra and Geometry*, 7(1):236–263, ???? 2023. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/22M1513964>.
- Ilten:2017:FST**
- Nathan Ilten and Alexandre Zotine. On Fano schemes of toric varieties. *SIAM Journal on Applied Algebra and Geometry*, 1(1):152–174, ???? 2017. CODEN SJAABQ. ISSN 2470-6566.
- Jany:2023:PMM**
- Benjamin Jany. The projectivization matroid of a q -matroid. *SIAM Journal on Applied Algebra and Geometry*, 7(2):386–413, ???? 2023. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/22M1494567>.
- Jeffs:2020:MNC**
- R. Amzi Jeffs. Morphisms of neural codes. *SIAM Journal on Applied Algebra and Geometry*, 4(1):99–122, ???? 2020.

- CODEN SJAABQ. ISSN 2470-6566. See erratum [Jef22].
- Jeffs:2022:EMN**
- [Jef22] R. Amzi Jeffs. Erratum for “Morphisms of Neural Codes”. *SIAM Journal on Applied Algebra and Geometry*, 6(1):77–78, ???? 2022. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/21M1450690>. See [Jef20].
- Joswig:2022:GPO**
- [JKS22] Michael Joswig, Max Klimm, and Sylvain Spitz. Generalized permutohedra and optimal auctions. *SIAM Journal on Applied Algebra and Geometry*, 6(4):711–739, ???? 2022. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/21M1441286>.
- Javaloyes:2023:GMW**
- [JPRS23] Miguel Ángel Javaloyes, Enrique Pendás-Recondo, and Miguel Sánchez. A general model for wildfire propagation with wind and slope. *SIAM Journal on Applied Algebra and Geometry*, 7(2):414–439, ???? 2023. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/22M1477866>.
- Kolbe:2022:EIC**
- [KE22] Benedikt Kolbe and Myfanwy E. Evans. Enumerating isotopy classes of tilings guided by the symmetry of triply periodic minimal surfaces. *SIAM Journal on Applied Algebra and Geometry*, 6(1):1–40, ???? 2022. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/20M1358943>.
- Kileel:2017:MPC**
- [Kil17] Joe Kileel. Minimal problems for the calibrated trifocal variety. *SIAM Journal on Applied Algebra and Geometry*, 1(1):575–598, ???? 2017. CODEN SJAABQ. ISSN 2470-6566.
- Kech:2017:OIC**
- [KK17] Michael Kech and Felix Kraemer. Optimal injectivity conditions for bilinear inverse problems with applications to identifiability of deconvolution problems. *SIAM Journal on Applied Algebra and Geometry*, 1(1):20–37, ???? 2017. CODEN SJAABQ. ISSN 2470-6566.
- Kahle:2017:GRO**
- [KKKR17] Thomas Kahle, Kaie Kubjas, Mario Kummer, and Zvi Rosen. The geometry of rank-one tensor completion. *SIAM Journal on Applied Algebra and Geometry*, 1(1):200–221, ???? 2017. CODEN SJAABQ. ISSN 2470-6566.
- Kulkarni:2021:AIG**
- [KL21] Avinash Kulkarni and Antonio Lerario. p -adic integral geometry. *SIAM Journal on Applied Algebra and Geometry*, 5(1):28–59, ???? 2021. CODEN SJAABQ. ISSN 2470-6566.

- [KL23] URL <https://pubs.siam.org/doi/10.1137/19M1284737>. **Kozhasov:2023:VSS**
- [KMZ21] Khazhgali Kozhasov and Jean B. Lasserre. Volumes of sublevel sets of nonnegative forms and complete monotonicity. *SIAM Journal on Applied Algebra and Geometry*, 7(4):768–785, November 2023. ISSN 2470-6566. **Kaveh:2019:KBH**
- [KM19] Kiumars Kaveh and Christopher Manon. Khovanskii bases, higher rank valuations, and tropical geometry. *SIAM Journal on Applied Algebra and Geometry*, 3(2):292–336, ???? 2019. CODEN SJAABQ. ISSN 2470-6566. **Kohn:2022:GLC**
- [KMMT22] Kathlén Kohn, Thomas Merkh, Guido Montúfar, and Matthew Trager. Geometry of linear convolutional networks. *SIAM Journal on Applied Algebra and Geometry*, 6(3):368–406, ???? 2022. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/21M1441183>. **Kohn:2024:FSC**
- [KOT23] Kathlén Kohn, Guido Montúfar, Vahid Shahverdi, and Matthew Trager. Function space and critical points of linear convolutional networks. *SIAM Journal on Applied Algebra and Geometry*, 8(2):333–362, May 2024. ISSN 2470-6566. **Kao:2023:FTL**
- [Kepley:2021:CLE] Shane Kepley, Konstantin Mischaikow, and Lun Zhang. Computing linear extensions for polynomial posets subject to algebraic constraints. *SIAM Journal on Applied Algebra and Geometry*, 5(2):388–416, ???? 2021. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/20M1343208>. **Kopp:2017:AGR**
- [Kop17] Gene S. Kopp. The arithmetic geometry of resonant Rossby wave triads. *SIAM Journal on Applied Algebra and Geometry*, 1(1):352–373, ???? 2017. CODEN SJAABQ. ISSN 2470-6566. **Koshelev:2022:OEE**
- [Kos22] Dmitrii Koshelev. Optimal encodings to elliptic curves of j -invariants 0, 1728. *SIAM Journal on Applied Algebra and Geometry*, 6(4):600–617, ???? 2022. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/21M1441602>.

- [Koz18] URL <https://pubs.siam.org/doi/10.1137/22M1478823>. **Kozhasov:2018:FRE**
- [Kra23] Khazhgali Kozhasov. On fully real eigenconfigurations of tensors. *SIAM Journal on Applied Algebra and Geometry*, 2(2):339–347, ???? 2018. CODEN SJAABQ. ISSN 2470-6566. **Kravaris:2023:DEP**
- [KRV20] Cosmas Kravaris. On the density of eigenvalues on periodic graphs. *SIAM Journal on Applied Algebra and Geometry*, 7(3):585–609, ???? 2023. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/22M1505268>. **Kogan:2020:DSA**
- [KSZ24] Irina A. Kogan, Michael Ruddy, and Cynthia Vinzant. Differential signatures of algebraic curves. *SIAM Journal on Applied Algebra and Geometry*, 4(1):185–226, ???? 2020. CODEN SJAABQ. ISSN 2470-6566. **Klep:2024:RCM**
- [LM17] Igor Klep, Tea Strelj, and Aljaz Zalar. A random copositive matrix is completely positive with positive probability. *SIAM Journal on Applied Algebra and Geometry*, 8(3):583–611, ???? 2024. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/23M1583491>. **LM20**
- [KW20] [KW24] URL <https://pubs.siam.org/doi/10.1137/22M1478823>. **Koutsoumpelias:2020:MIL**
- Alexandros Grosdos Koutsoumpelias and Markus Wageringel. Moment ideals of local Dirac mixtures. *SIAM Journal on Applied Algebra and Geometry*, 4(1):1–27, ???? 2020. CODEN SJAABQ. ISSN 2470-6566. **Knudsen:2024:ACC**
- Ben Knudsen and Shmuel Weinberger. Analog category and complexity. *SIAM Journal on Applied Algebra and Geometry*, 8(3):713–732, ???? 2024. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/24M1635004>. **Lasserre:2019:VSS**
- Jean B. Lasserre. Volume of sublevel sets of homogeneous polynomials. *SIAM Journal on Applied Algebra and Geometry*, 3(2):372–389, ???? 2019. CODEN SJAABQ. ISSN 2470-6566. **Landsberg:2017:GBR**
- J. M. Landsberg and Mateusz Michałek. On the geometry of border rank decompositions for matrix multiplication and other tensors with symmetry. *SIAM Journal on Applied Algebra and Geometry*, 1(1):2–19, ???? 2017. CODEN SJAABQ. ISSN 2470-6566. **Lasserre:2020:CHB**
- Jean B. Lasserre and Victor Magron. Computing the Hausdorff

- boundary measure of semialgebraic sets. *SIAM Journal on Applied Algebra and Geometry*, 4(3):441–469, ???? 2020. CODEN SJAABQ. ISSN 2470-6566.
- Laface:2023:DAT**
- [LMR23] Antonio Laface, Alex Massarenti, and Rick Rischter. Decomposition algorithms for tensors and polynomials. *SIAM Journal on Applied Algebra and Geometry*, 7(1):264–290, ???? 2023. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/21M1453712>.
- Lindberg:2023:MLD**
- [LNRW23] Julia Lindberg, Nathan Nicholson, Jose I. Rodriguez, and Zinan Wang. The maximum likelihood degree of sparse polynomial systems. *SIAM Journal on Applied Algebra and Geometry*, 7(1):159–171, ???? 2023. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/21M1422550>.
- Lim:2024:TSD**
- [LON24] Uzu Lim, Harald Oberhauser, and Vudit Nanda. Tangent space and dimension estimation with the Wasserstein distance. *SIAM Journal on Applied Algebra and Geometry*, 8(3):650–685, ???? 2024. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/22M1522711>.
- [LS18a]
- [LS18b]
- Le:2023:TCM**
- Dinh V. Le and Tim Römer. Theorems of Carathéodory, Minkowski–Weyl, and Gordan up to symmetry. *SIAM Journal on Applied Algebra and Geometry*, 7(1):291–310, ???? 2023. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/22M148865X>.
- Lesnick:2020:QGI**
- Michael Lesnick, Raúl Rabadán, and Daniel I. S. Rosenbloom. Quantifying genetic innovation: Mathematical foundations for the topological study of reticulate evolution. *SIAM Journal on Applied Algebra and Geometry*, 4(1):141–184, ???? 2020. CODEN SJAABQ. ISSN 2470-6566.
- Ladisch:2018:ELO**
- Frieder Ladisch and Achill Schürmann. Equivalence of lattice orbit polytopes. *SIAM Journal on Applied Algebra and Geometry*, 2(2):259–280, ???? 2018. CODEN SJAABQ. ISSN 2470-6566.
- Little:2018:CSS**
- John Little and Hal Schenck. Codes from surfaces with small Picard number. *SIAM Journal on Applied Algebra and Geometry*, 2(2):242–258, ???? 2018. CODEN SJAABQ. ISSN 2470-6566.

- Lairez:2019:NTM**
- [LS19] Pierre Lairez and Emre Can Sertöz. A numerical transcendental method in algebraic geometry: Computation of Picard groups and related invariants. *SIAM Journal on Applied Algebra and Geometry*, 3(4):559–584, ???? 2019. CODEN SJAABQ. ISSN 2470-6566.
- Lieblich:2020:THS**
- [LV20] Max Lieblich and Lucas Van Meeter. Two Hilbert schemes in computer vision. *SIAM Journal on Applied Algebra and Geometry*, 4(2):297–321, ???? 2020. CODEN SJAABQ. ISSN 2470-6566.
- Lesnick:2022:CMP**
- [LW22] Michael Lesnick and Matthew Wright. Computing minimal presentations and bigraded Betti numbers of 2-parameter persistent homology. *SIAM Journal on Applied Algebra and Geometry*, 6(2):267–298, ???? 2022. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/20M1388425>.
- Miolane:2018:TCT**
- [MHP18] Nina Miolane, Susan Holmes, and Xavier Pennec. Topologically constrained template estimation via Morse–Smale complexes controls its statistical consistency. *SIAM Journal on Applied Algebra and Geometry*, 2(2):348–375, ???? 2018. CO-
- DEN SJAABQ. ISSN 2470-6566.
- Muller:2019:BFE**
- [MHR19] Stefan Müller, Josef Hofbauer, and Georg Regensburger. On the bijectivity of families of exponential/generalized polynomial maps. *SIAM Journal on Applied Algebra and Geometry*, 3(3):412–438, ???? 2019. CODEN SJAABQ. ISSN 2470-6566.
- Micheli:2019:SPD**
- [Mic19] Giacomo Micheli. On the selection of polynomials for the DLP quasi-polynomial time algorithm for finite fields of small characteristic. *SIAM Journal on Applied Algebra and Geometry*, 3(2):256–265, ???? 2019. CODEN SJAABQ. ISSN 2470-6566.
- Monod:2019:TSS**
- [MKPGC19] Anthea Monod, Sara Kalisnik, Juan Ángel Patiño-Galindo, and Lorin Crawford. Tropical sufficient statistics for persistent homology. *SIAM Journal on Applied Algebra and Geometry*, 3(2):337–371, ???? 2019. CODEN SJAABQ. ISSN 2470-6566.
- Munthe-Kaas:2020:ICL**
- [MKSV20] Hans Z. Munthe-Kaas, Ari Stern, and Olivier Verdier. Invariant connections, Lie algebra actions, and foundations of numerical integration on manifolds. *SIAM Journal on Applied Algebra and Geometry*, 4

- (1):49–68, ???? 2020. CODEN SJAABQ. ISSN 2470-6566.
- Montufar:2017:DMK**
- [MM17] Guido Montúfar and Jason Morton. Dimension of marginals of Kronecker product models. *SIAM Journal on Applied Algebra and Geometry*, 1(1):126–151, ???? 2017. CODEN SJAABQ. ISSN 2470-6566.
- Michalek:2021:MLD**
- [MMW21] Mateusz Michałek, Leonid Monin, and Jarosław A. Wiśniewski. Maximum likelihood degree, complete quadrics, and \mathbf{C}^* -action. *SIAM Journal on Applied Algebra and Geometry*, 5(1):60–85, ???? 2021. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/20M1335960>.
- McCleary:2022:EDP**
- [MP22] Alexander McCleary and Amit Patel. Edit distance and persistence diagrams over lattices. *SIAM Journal on Applied Algebra and Geometry*, 6(2):134–155, ???? 2022. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/20M1373700>.
- Maxim:2020:EDD**
- [MRW20] Laurentiu G. Maxim, Jose I. Rodriguez, and Botong Wang. Euclidean distance degree of the multiview variety. *SIAM Journal on Applied Algebra and Geometry*, 4(1):28–48, ???? 2020. CODEN SJAABQ. ISSN 2470-6566.
- [MRZ22]
- Montufar:2022:SBN**
- Guido Montúfar, Yue Ren, and Leon Zhang. Sharp bounds for the number of regions of maxout networks and vertices of Minkowski sums. *SIAM Journal on Applied Algebra and Geometry*, 6(4):618–649, ???? 2022. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/21M1413699>.
- Meunier:2019:MVS**
- Frédéric Meunier and Francis Edward Su. Multilabeled versions of Sperner’s and Fan’s lemmas and applications. *SIAM Journal on Applied Algebra and Geometry*, 3(3):391–411, ???? 2019. CODEN SJAABQ. ISSN 2470-6566.
- Malic:2023:CCP**
- Goran Malić and Ileana Streinu. Computing circuit polynomials in the algebraic rigidity matroid. *SIAM Journal on Applied Algebra and Geometry*, 7(2):345–385, ???? 2023. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/21M1437986>.
- Meyer:2022:ZST**
- Kyle Meyer, Ivan Soprunov, and Jenya Soprunova. \mathbf{F}_q -zeros of sparse trivariate polynomials and toric 3-fold codes. *SIAM Journal on Applied Algebra and Geometry*, 6(3):432–467, ???? 2022. CODEN SJAABQ. ISSN 2470-6566.

- [MW23] Konstantin Mischaikow and Charles Weibel. Computing the Conley index: a cautionary tale. *SIAM Journal on Applied Algebra and Geometry*, 7(4):809–827, December 2023. ISSN 2470-6566.
- Mischaikow:2023:CCI**
- [NPSZ24]
- URL <https://pubs.siam.org/doi/10.1137/21M1436890>.
- [NFB19]
- Patrizio Neff, Andreas Fischle, and Lev Borisov. Explicit global minimization of the symmetrized Euclidean distance by a characterization of real matrices with symmetric square. *SIAM Journal on Applied Algebra and Geometry*, 3(1):31–43, ???? 2019. CODEN SJAABQ. ISSN 2470-6566.
- Neff:2019:EGM**
- [NW23]
- [Oba18]
- [OPPS22]
- Vito Napolitano, Olga Polverino, Paolo Santonastaso, and Ferdinando Zullo. Clubs and their applications. *SIAM Journal on Applied Algebra and Geometry*, 8(3):493–518, ???? 2024. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/22M1523534>.
- Napolitano:2024:CTA**
- Tom Needham and Thomas Weighill. Geometric averages of partitioned datasets. *SIAM Journal on Applied Algebra and Geometry*, 7(1):104–132, ???? 2023. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/21M1436580>.
- Needham:2023:GAP**
- Ippei Obayashi. Volume-optimal cycle: Tightest representative cycle of a generator in persistent homology. *SIAM Journal on Applied Algebra and Geometry*, 2(4):508–534, ???? 2018. CODEN SJAABQ. ISSN 2470-6566.
- Obayashi:2018:VOC**
- Alexey Ovchinnikov, Anand Pillay, Gleb Pogudin, and Thomas Scanlon. Multi-experiment parameter identifiability of ODEs and model theory. *SIAM Journal on Applied Algebra and Geometry*, 6(3):339–367, ???? 2022. CODEN SJAABQ. ISSN 2470-6566.
- Ovchinnikov:2022:MEP**

- URL <https://pubs.siam.org/doi/10.1137/21M1389845>.
- Oertel:2020:DFR**
- [OPW20] Timm Oertel, Joseph Paat, and Robert Weismantel. The distributions of functions related to parametric integer optimization. *SIAM Journal on Applied Algebra and Geometry*, 4(3):422–440, ????. 2020. CODEN SJAABQ. ISSN 2470-6566.
- Oudot:2024:SMB**
- [OS24] Steve Oudot and Luis Scoccola. On the stability of multigraded Betti numbers and Hilbert functions. *SIAM Journal on Applied Algebra and Geometry*, 8(1):54–88, January 2024. ISSN 2470-6566.
- Ozyesil:2018:SCM**
- [ÖSS18] Onur Özyesil, Nir Sharon, and Amit Singer. Synchronization over Cartan motion groups via contraction. *SIAM Journal on Applied Algebra and Geometry*, 2(2):207–241, ????. 2018. CODEN SJAABQ. ISSN 2470-6566.
- Polak:2022:SRO**
- [Pol22] Sven C. Polak. Symmetry reduction to optimize a graph-based polynomial from queueing theory. *SIAM Journal on Applied Algebra and Geometry*, 6(2):243–266, ????. 2022. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/21M1413298>.
- [PST22]
- Pryhuber:2022:ETV**
- Andrew Pryhuber, Rainer Sinn, and Rekha R. Thomas. Existence of two view chiral reconstructions. *SIAM Journal on Applied Algebra and Geometry*, 6(1):41–76, ????. 2022. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/20M1381848>.
- Plaumann:2021:KTJ**
- [PSW21]
- Daniel Plaumann, Rainer Sinn, and Stephan Weis. Kippenhahn’s theorem for joint numerical ranges and quantum states. *SIAM Journal on Applied Algebra and Geometry*, 5(1):86–113, ????. 2021. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/19M1286578>.
- Ravagnani:2022:WNC**
- [Rav22]
- Alberto Ravagnani. Whitney numbers of combinatorial geometries and higher-weight Dowling lattices. *SIAM Journal on Applied Algebra and Geometry*, 6(2):156–189, ????. 2022. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/20M1382635>.
- Robeva:2021:MTS**
- [RS21]
- Elina Robeva and Jean-Baptiste Seby. Multi-trek separation in linear structural equation models. *SIAM Journal on Applied Algebra and Geometry*, 5(2):278–303, ????. 2021. CODEN SJAABQ. ISSN 2470-6566.

- Ruiz:2024:MTP**
- [RS24] Luis Crespo Ruiz and Francisco Santos. Multitriangulations and tropical Pfaffians. *SIAM Journal on Applied Algebra and Geometry*, 8(2):302–332, April 2024. ISSN 2470-6566.
- Rodriguez:2017:MLD**
- [RW17] Jose Israel Rodriguez and Botong Wang. The maximum likelihood degree of mixtures of independence models. *SIAM Journal on Applied Algebra and Geometry*, 1(1):484–506, ???? 2017. CODEN SJAABQ. ISSN 2470-6566.
- Saunderson:2019:CPN**
- [Sau19] James Saunderson. Certifying polynomial nonnegativity via hyperbolic optimization. *SIAM Journal on Applied Algebra and Geometry*, 3(4):661–690, ???? 2019. CODEN SJAABQ. ISSN 2470-6566.
- Scheiderer:2018:SRC**
- [Sch18a] Claus Scheiderer. Semidefinite representation for convex hulls of real algebraic curves. *SIAM Journal on Applied Algebra and Geometry*, 2(1):1–25, ???? 2018. CODEN SJAABQ. ISSN 2470-6566.
- Scheiderer:2018:SS**
- [Sch18b] Claus Scheiderer. Spectrahedral shadows. *SIAM Journal on Applied Algebra and Geometry*, 2(1):26–44, ???? 2018. CODEN SJAABQ. ISSN 2470-6566.
- Scheiderer:2021:SOC**
- [Sch21] Claus Scheiderer. Second-order cone representation for convex sets in the plane. *SIAM Journal on Applied Algebra and Geometry*, 5(1):114–139, ???? 2021. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/20M133717X>.
- Shen:2017:SBR**
- [SG17] Li-Yong Shen and Ron Goldman. Strong μ -bases for rational tensor product surfaces and extraneous factors associated to bad base points and anomalies at infinity. *SIAM Journal on Applied Algebra and Geometry*, 1(1):328–351, ???? 2017. CODEN SJAABQ. ISSN 2470-6566.
- Shankar:2019:CGD**
- [Sha19] Shiva Shankar. Corrigendum: The Generic Degree of Autonomy. *SIAM Journal on Applied Algebra and Geometry*, 3(1):172–174, ???? 2019. CODEN SJAABQ. ISSN 2470-6566. See [SR18].
- Shitov:2018:CCC**
- [Shi18] Yaroslav Shitov. A counterexample to Comon’s conjecture. *SIAM Journal on Applied Algebra and Geometry*, 2(3):428–443, ???? 2018. CODEN SJAABQ. ISSN 2470-6566. See erratum [Dra24].

- | | |
|--|---|
| <div style="border: 1px solid black; padding: 5px; text-align: center;">Shitov:2021:WRX</div> <p>[Shi21] Yaroslav Shitov. The Waring rank of the 3×3 permanent. <i>SIAM Journal on Applied Algebra and Geometry</i>, 5(4):701–714, ???? 2021. CODEN SJAABQ. ISSN 2470-6566. URL https://pubs.siam.org/doi/10.1137/20M1349254.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Shitov:2022:SCS</div> <p>[Shi22] Yaroslav N. Shitov. The subrank of a complex symmetric tensor can exceed its symmetric subrank. <i>SIAM Journal on Applied Algebra and Geometry</i>, 6(4):531–535, ???? 2022. CODEN SJAABQ. ISSN 2470-6566. URL https://pubs.siam.org/doi/10.1137/21M1465494.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Shankar:2018:GDA</div> <p>[SR18] Shiva Shankar and Paula Rocha. The generic degree of autonomy. <i>SIAM Journal on Applied Algebra and Geometry</i>, 2(3):410–427, ???? 2018. CODEN SJAABQ. ISSN 2470-6566. See corrigendum [Sha19].</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Stange:2021:AAS</div> <p>[Sta21] Katherine E. Stange. Algebraic aspects of solving Ring-LWE, including ring-based improvements in the Blum-Kalai-Wasserman algorithm. <i>SIAM Journal on Applied Algebra and Geometry</i>, 5(2):366–387, ???? 2021. CODEN SJAABQ. ISSN 2470-6566. URL https://pubs.siam.org/doi/10.1137/19M1280442.</p> | <div style="border: 1px solid black; padding: 5px; text-align: center;">Sturmfels:2017:MEC</div> <p>[Stu17] Bernd Sturmfels. Message from the Editor-in-Chief. <i>SIAM Journal on Applied Algebra and Geometry</i>, 1(1):1, ???? 2017. CODEN SJAABQ. ISSN 2470-6566.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Tokcan:2021:AMT</div> <p>[TGND21] Neriman Tokcan, Jonathan Gryak, Kayvan Najarian, and Harm Derksen. Algebraic methods for tensor data. <i>SIAM Journal on Applied Algebra and Geometry</i>, 5(1):1–27, ???? 2021. CODEN SJAABQ. ISSN 2470-6566. URL https://pubs.siam.org/doi/10.1137/19M1272494.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Tran:2021:FMB</div> <p>[Tra21] Ngoc Mai Tran. The finite matroid-based valuation conjecture is false. <i>SIAM Journal on Applied Algebra and Geometry</i>, 5(3):506–525, ???? 2021. CODEN SJAABQ. ISSN 2470-6566. URL https://pubs.siam.org/doi/10.1137/19M1304295.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Turatti:2022:TDT</div> <p>[Tur22] Ettore Turatti. On tensors that are determined by their singular tuples. <i>SIAM Journal on Applied Algebra and Geometry</i>, 6(2):319–338, ???? 2022. CODEN SJAABQ. ISSN 2470-6566. URL https://pubs.siam.org/doi/10.1137/21M1412980.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Volcic:2019:SNP</div> <p>[Vol19] Jurij Volcic. Stable noncommutative polynomials and their</p> |
|--|---|

- determinantal representations. *SIAM Journal on Applied Algebra and Geometry*, 3(1):152–171, ????. 2019. CODEN SJAABQ. ISSN 2470-6566.
- | |
|---------------|
| Wang:2022:NPC |
|---------------|
- [Wan22] Jie Wang. Nonnegative polynomials and circuit polynomials. *SIAM Journal on Applied Algebra and Geometry*, 6(2):111–133, ????. 2022. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/20M1313969>.
- | |
|-------------|
| Ye:2017:CCE |
|-------------|
- [YL17] Ke Ye and Lek-Heng Lim. Cohomology of cryo-electron microscopy. *SIAM Journal on Applied Algebra and Geometry*, 1(1):507–535, ????. 2017. CODEN SJAABQ. ISSN 2470-6566.
- | |
|-------------|
| Yu:2021:OCA |
|-------------|
- [YMV21] Haizi Yu, Igor Mineyev, and Lav R. Varshney. Orbit computation for atomically generated subgroups of isometries of \mathbf{Z}^n . *SIAM Journal on Applied Algebra and Geometry*, 5(3):479–505, ????. 2021. CODEN SJAABQ. ISSN 2470-6566. URL <https://pubs.siam.org/doi/10.1137/20M1375127>.