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/

17 October 2023
Version 1.06

Title word cross-reference

2 [LW22]. 3 [DKPR22, MSS22]. C^2 [CGY17]. C^3 [HL23]. j [Kos22]. C^* [MMW21]. F_q [MSS22]. R^3 [HL23]. 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].

Abstract [Fri23]. **Action** [MMW21]. **Actions** [MKSV20]. **Adapted** [HHS21]. **Adic** [KL21]. **Alexander** [GK17]. **Algebra** [DLW21, MKSV20]. **Algebraic** [AP23, BKM21, CMS17, DEW20, DM22, FdW22, KMZ21, KRV20, LS19, MS23, Sch18a, Sta21, TGND21]. **Algorithm** [Mic19, Sta21]. **Algorithms** [AKRS21, CFW21, LMR23]. **Alternatives** [AM19]. **Ambiguity** [Edi19]. **Analogues** [ACLN21]. **Anomalies** [SG17]. **Application** [CGY17]. **Applications** [BDFHH20, Der18, DGHP23, KK17, MS19]. **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]. **Axiomatic** [CMS21].

Bad [SG17]. **Barrier** [ABGJ18]. **Barycenter** [CS22]. **Base** [SG17]. **Based** [BYF+19, Sta21, Tra21, Pol22]. **Bases** [KM19, SG17]. **Bayesian** [BSST23, Nic23]. **Bent** [GL22]. **Betti** [LW22]. **Bigraded** [LW22]. **Bijectivity** [MHR19]. **Bilinear** [KK17]. **Biomembrane** [CGY17]. **Birationally** [CDM18]. **Blum** [Sta21]. **Bodies** [FE18]. **Body** [GO19a]. **Border** [CGJ19, LM17]. **Bottleneck** [DEW20]. **Bound** [DV21, FE18, HM22]. **Boundary** [FdW22, LM20]. **Bounds** [MRZ22]. **Branching** [BCHP18]. **Breaking** [BCGO17]. **Buildings** [Hir19].

Calibrated [Kil17]. **Can** [BK20, Shi22]. **Carathéodory** [LR23]. **Cartan** [ÖSS18]. **Case** [BMN22]. **CAT** [HH21]. **Cauchy** [El 20]. **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]. **Clustering** [CMS21]. **Code** [CGJ+17]. **Coded** [FHGHK17]. **Codes** [ACLN21, BNRS19, CFS19, GR22, Jef20, Jef22, LS18b, MSS22]. **Cohomology** [YL17]. **Colluding** [FHGHK17]. **Colored** [CMMS23]. **Combinatorial** [Rav22]. **Comeagre** [HL23]. **Common** [GR22]. **Communications** [BDFHH20]. **Comon** [Shi18]. **Compact** [HL23]. **Compatibility** [BN20]. **Complements** [GR22]. **Complete** [HL23, MMW21]. **Completion** [KKKR17]. **Complex** [HN23, Shi22]. **Complexes** [BHS+19, MHP18]. **Complexity** [DIP20]. **Computation** [LS19, YMV21]. **Computer** [LV20]. **Computing** [CS22, HH21, Hir19, KMZ21, LM20, LW22, MS23]. **Condition** [Bür17]. **Conditions** [KK17]. **Cone** [FdW22, Sch21]. **Cones** [IL23]. **Configurations** [DH23]. **Conformal** [CS22]. **Conjecture** [Shi18, Tra21]. **Connection** [BYF+19]. **Connection-Based** [BYF+19]. **Connections** [MKSV20]. **Connectivity** [CMS17]. **Consistency** [MHP18]. **Constants** [BN20]. **Constrained** [MHP18]. **Constraints** [KMZ21]. **Containment** [FNT17]. **Contraction** [ÖSS18]. **Control** [BCGO17]. **Controls** [MHP18]. **Convergence** [BMN22]. **Convex** [BKM21, CGJ+17, El 20, FE18, HH21, Hir19, Sch18a, Sch21]. **Convexity** [CFS19]. **Convolutional** [KMMT22]. **Corrigendum** [Sha19]. **Cost** [BCGO17]. **Counterexample** [Shi18]. **Counting** [CDM18, CHHM18]. **Coupling** [CHHM18]. **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]. **Decomposing** [DKPR22]. **Decomposition** [BHS+19, CQU17, LMR23]. **Decompositions** [LM17]. **Deconvolution** [KK17]. **Degree** [BMN22, DEW20, Hir19, LNRW23, MRW20, MMW21, RW17, SR18, Sha19]. **Denoising** [Der18]. **Density** [Kra23]. **Derivative** [IL23]. **Design** [BS17]. **Determinant** [GO19a]. **Determinantal** [BFMT21, BvDD+17, Vol19]. **Determinants** [Hir19]. **Determined** [Tur22]. **Diagrams** [MP22]. **Differential** [Cra19, DGHP23, KRV20]. **Dimension** [MM17]. **Dimensional** [Edi19, FNT17]. **Dimensions** [KOT23]. **Diophantine** [ADOO17]. **Dirac** [KW20]. **Directed** [CMS21]. **Directions** [DJ23]. **Discrete** [AA19, HH21, Hir19]. **Distance** [ALR19, MRW20, MP22, NFB19].

Distinguishing [GL18]. **Distributed** [DLW21]. **Distributions** [AA19, OPW20]. **DLP** [Mic19]. **Do** [BSV17]. **Doubly** [Dym18]. **Dowling** [Rav22]. **Dream** [BSV17]. **Drone** [BK20]. **DSOS** [AM19]. **Duality** [GK17]. **Dynamical** [Cra19, DGHP23].

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]. **Equilibria** [CDM18, CHHM18]. **Equivalence** [LS18a]. **Equivariant** [CNN20]. **Erratum** [Jef22]. **Errors** [CLS17]. **Estimation** [AKRS21, DM21, MHP18]. **Euclidean** [HSW18, Hir19, MRW20, NFB19]. **Evasion** [GK17]. **Evolution** [LRR20]. **Exact** [Dym18]. **Exceed** [Shi22]. **Exceptional** [HSW18]. **Existence** [PST22]. **Expected** [Bre17]. **experiment** [OPPS22]. **Explicit** [NFB19]. **Exponential** [MHR19]. **Exponential/Generalized** [MHR19]. **Expressiveness** [GL22]. **Extension** [BdSN17]. **Extensions** [ACLN21, KMZ21]. **Extraneous** [SG17].

Facet [DJ23]. **Factorization** [CKM+17]. **Factors** [SG17]. **False** [Tra21]. **Families** [BFMT21, MHR19]. **Fan** [MS19]. **Fano** [IZ17]. **Fewnomials** [BETC19]. **Fibers** [BBCY20]. **Fields** [Mic19]. **Finite** [CMS17, FNT17, Mic19, Tra21]. **Finite-Dimensional** [FNT17]. **Finiteness** [DH23]. **Fixed** [DH23, DJ23]. **Flat** [KOT23]. **Flexible** [CGY17]. **Fold** [MSS22]. **Forced** [Ber22]. **Forms** [El 20]. **Formulas** [BFMT21]. **Foundations** [LRR20, MKSV20]. **Frames** [CMS17, CI22]. **Free** [BSV17]. **Friendly** [CCW19]. **Fully** [Koz18]. **Functions** [AA19, BDFHH20, BCGO17, DEFT22, OPW20].

Galois [ACLN21, DS20, DKPR22]. **Galois/Monodromy** [DKPR22]. **Gaussian** [AA19, Bre17, CMMS23]. **General** [CM20, Der18, JPRS23]. **Generalized** [El 20, JKS22, MHR19]. **Generated** [IL23, YMV21]. **Generator** [Oba18]. **Generic** [Ber22, SR18, Sha19]. **Genetic** [LRR20]. **Genomic** [ALR19]. **Geometric** [AC22, DIP20, NW23]. **Geometries** [Rav22]. **Geometry** [BKM21, BDLS23, Edi19, KKKR17, KM19, KMMT22, Kop17, KL21, LS19, LM17]. **Global** [NFB19]. **Gordan** [LR23]. **Gough** [CM20, HSW18]. **Graded** [BBCY20]. **Gram** [HHS21]. **Graph** [CGG+18, Pol22]. **Graph-based** [Pol22]. **Graphical** [CMMS23]. **Graphs** [AD23, Kra23]. **Group** [HSW18]. **Groups** [DKPR22, LS19, ÖSS18]. **Guided** [KE22].

Hausdorff [LM20]. **Hear** [BK20]. **Hierarchical** [CMS21]. **Higher** [BdSN17, HKU17, KM19, Rav22]. **Higher-Order** [HKU17]. **Higher-Weight** [Rav22]. **Hilbert** [HN23, LV20]. **Hilbert-Samuel** [HN23]. **Homogeneous** [Las19]. **Homology** [AC22, BK23, HOST19, LW22, MKPGC19, Oba18]. **Hulls** [Sch18a]. **Hyperbolic** [Sau19]. **Hyperbolicity** [IL23]. **Hyperplane** [GL22].

Ideals [CP17, CMMS23, KW20]. **Identifiability** [CQU17, DGHP23, KK17, OPPS22]. **Improvements** [Sta21]. **Including** [Sta21]. **Inclusion** [BN20]. **Inclusions** [Cra19]. **Independence** [RW17]. **Index** [CDM18].

Inequalities [Ave19, El 20]. **Inference** [ALR19]. **Infinitesimal** [Ber22]. **Infinity** [SG17]. **Information** [DS20, FHGHK17]. **Injectivity** [KK17]. **Innovation** [LRR20]. **Integer** [OPW20]. **Integral** [KL21]. **Integrals** [BSST23]. **Integration** [MKSV20]. **Interior** [ABGJ18]. **Interpolation** [BdSN17]. **Intersecting** [Bür17]. **Intersection** [CDM18]. **Invariant** [AKRS21, CDM18, CI22, MKSV20]. **Invariants** [HL23, Kos22, LS19]. **Inverse** [KK17]. **Irrational** [CBG+23]. **Irrationality** [CKM+17]. **Irreducibility** [CMS17]. **Isometries** [YMV21]. **Isoperimetric** [DLSS19]. **Isotopy** [KE22]. **Isotropy** [CI22]. **Iterated** [DEFT22]. **Iterated-Sums** [DEFT22].

Jewel [BN20]. **Joint** [PSW21].

Kalai [Sta21]. **Kernel** [AP23]. **Khovanskii** [KM19]. **Kippenhahn** [PSW21]. **Koszul** [BFMT21]. **Koszul-Type** [BFMT21]. **Kronecker** [MM17]. **Kuramoto** [CDM18, CHHM18].

Laman [CGG+18]. **Laplacian** [KOT23]. **Large** [KOT23]. **Lattice** [LS18a]. **Lattices** [BK18, MP22, Rav22]. **Leaf** [GO19b]. **Learning** [BYF+19, DJ23]. **Lemmas** [MS19]. **Lie** [MKSV20]. **Likelihood** [AKRS21, DM21, LNRW23, MMW21, RW17]. **Line** [BRST23]. **Linear** [ADOO17, Ave19, Bür17, GR22, KMZ21, KMMT22, RS21]. **Links** [HN23]. **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** [MKSV20]. **Many** [BSS18]. **Maps** [BBCY20, CQU17, DS20, MHR19]. **Marginals** [MM17]. **Mathematical** [LRR20]. **Matrices** [NFB19]. **Matrix** [Ave19, BN20, CI22, CKM+17, DM21, GG21, GO19a, LM17]. **Matroid** [Jan23, MS23, Tra21]. **Matroid-Based** [Tra21]. **Maximum** [AKRS21, 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]. **Modelling** [CGY17]. **Models** [CMMS23, DM21, DGHP23, MM17, RS21, RW17]. **Modules** [BdSN17]. **Moment** [DS20, KW20]. **Monodromy** [DKPR22]. **Monomials** [HM22]. **Monotone** [BDLS23]. **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]. **Multilabeled** [MS19]. **Multilinear** [BFMT21, DLW21]. **Multiparameter** [HOST19]. **Multiplication** [LM17]. **Multiplicative** [CGJ19]. **Multiplicities** [HN23]. **Multiplicity** [DIP20]. **Multiview** [BRST23, MRW20].

nc [HH21]. **nc-Rank** [HH21]. **Networks** [CMS21, CP17, Cra19, DP17, For23, GL22, GL18, KMMT22, MRZ22, Nic23]. **Neural** [CFS19, CGJ+17, GL22, Jef20, Jef22]. **Non** [Nic23]. **Non-toric** [Nic23]. **Noncommutative** [Vol19]. **Nonnegative** [CKM+17, DIdW17, Wan22]. **Nonnegativity** [Sau19]. **Norm** [CMS17]. **Normal** [DM21]. **Norms** [BK18, Nie17].

Nuclear [Nie17]. **Number** [Bre17, BETC19, CGG+18, LS18b, MRZ22]. **Numbers** [LW22, Rav22]. **Numerical** [LS19, MKSV20, PSW21].

Obstruction [CFS19]. **Obstructions** [DIP20]. **Occurrence** [DIP20]. **ODEs** [OPPS22]. **One** [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, Hir19, OPW20, Sau19]. **Optimize** [Pol22]. **Orbit** [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]. **Paulsen** [CI22]. **Perfect** [AD23]. **Periodic** [BS17, KE22, Kra23]. **Permanent** [Shi21]. **Permutahedra** [JKS22]. **Persistence** [BdSN17, CR20, MP22]. **Persistent** [AC22, BK23, HOST19, LW22, MKPGC19, Oba18]. **Perspectives** [DM22]. **Perturbation** [HKU17]. **Phase** [Edi19]. **Phaseless** [GG21]. **Phylogenetic** [DP17, For23, GO19b, GL18]. **Picard** [LS19, LS18b]. **Pivot** [BDLS23]. **Planar** [For23]. **Plane** [Sch21]. **Planning** [CFW21]. **Platform** [CM20]. **Platforms** [HSW18]. **Point** [ABGJ18]. **Points** [SG17]. **Polyhedral** [BSS18, BDLS23]. **Polynomial** [ABGJ18, Ave19, CP17, CQU17, Cra19, KMZ21, LNRW23, Mic19, MHR19, Pol22, Sau19]. **Polynomials** [DIdW17, LMR23, Las19, MS23, MSS22, Mic19, Vol19, Wan22]. **Polytopes** [BCHP18, DJ23, LS18a]. **Posets** [KMZ21]. **Positive** [BSS18, FE18, GK17]. **Positivstellensatz** [DIdW17]. **Preordered** [Fri23]. **Presentations** [LW22]. **Principles** [BS17]. **Private** [FHGHK17]. **Problem** [CLS17, CI22]. **Problems** [BCGO17, DKPR22, KK17, Kil17]. **Product** [CGJ19, MM17, SG17]. **Profiles** [DLSS19]. **Programming** [BS21]. **Projection** [BBCY20]. **Projections** [DGHP23]. **Projective** [Bür17, FJM18]. **Projectivization** [Jan23]. **Propagation** [JPRS23]. **Pursuit** [GK17].

Quadrics [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]. **Ranges** [PSW21]. **Rank** [ACLN21, BNRS19, CGJ19, CQU17, CHHM18, FE18, GG21, HH21, HM22, IL23, KKKR17, KM19, LM17, Shi21]. **Rank-Metric** [ACLN21, BNRS19]. **Rank-One** [CHHM18, IL23, KKKR17]. **Rate** [BMN22]. **Rational** [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** [Pol22]. **Reed** [ACLN21]. **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]. **Rigidity** [Ber22, MS23]. **Ring** [Sta21, Sta21]. **Ring-Based** [Sta21]. **Ring-LWE** [Sta21]. **RLWE** [CLS17]. **RNA** [BCHP18]. **Robust** [CMS21]. **Room** [BK20]. **Rossby** [Kop17]. **Rotations** [Ber22]. **Rule** [CKMW21]. **Rules** [BDLS23].

Samuel [HN23]. **Scaling** [AKRS21]. **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]. **Set** [HL23]. **Sets** [BK23, GO19b, Las19, LM20, Sch21]. **Shadows** [Sch18b]. **Shape** [BK20]. **Sharp** [MRZ22]. **Signal** [Der18]. **Signatures** [DEFT22, KRV20]. **Signomial** [DM22]. **Silhouettes** [GLSV19]. **Simplicial** [CNN20]. **Singular** [BHS+19, Der18, HKU17, Tur22]. **Singularities** [CM20, GLSV19]. **Size** [Ave19]. **Slope** [JPRS23]. **Smale** [MHP18]. **Small** [CLS17, LS18b, Mic19]. **Solutions** [ADOO17, BSS18]. **Solving** [Sta21]. **Sonc** [FdW22]. **Sonc-Cone** [FdW22]. **Space** [DP17, GO19b]. **Spaces** [CKMW21, FJM18, HH21]. **Sparse** [ADOO17, BSS18, BS21, LNRW23, MSS22]. **Sparseness** [GR22]. **Spatial** [DH23]. **Special** [HSW18]. **Species** [ALR19]. **Spectrahedra** [HHS21]. **Spectrahedral** [FNT17, Sch18b]. **Sperner** [MS19]. **Sphere** [CGY17]. **Splines** [DV21]. **Split** [For23]. **Square** [NFB19]. **Squares** [AM19, AD23, BSV17, BS21, El 20]. **Stabilization** [CR20]. **Stable** [Vol19]. **Staircodes** [CKMW21]. **Stars** [DV21]. **States** [PSW21]. **Statistical** [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** [Las19]. **Subrank** [Shi22]. **Subspace** [Bür17]. **Subspaces** [GR22]. **Sufficient** [MKPGC19]. **Sum** [AM19, AD23, El 20]. **Sums** [BSV17, BS21, DEFT22, DIdW17, MRZ22]. **Surfaces** [BBCY20, GLSV19, HL23, KE22, LS18b, SG17]. **Symmetric** [NFB19, Nie17, Shi22]. **Symmetrically** [CMMS23]. **Symmetries** [Dym18]. **Symmetrized** [NFB19]. **Symmetry** [Ber22, BCGO17, HHS21, KE22, LM17, LR23, Pol22]. **Symmetry-Forced** [Ber22]. **Synchronization** [ÖSS18]. **Systems** [BFMT21, BSS18, Cra19, For23, FNT17, LNRW23].

Template [MHP18]. **Tensor** [Bre17, BNRS19, CGJ19, KKKR17, Nie17, SG17, Shi22, TGND21]. **Tensors** [BGV21, Koz18, LMR23, LM17, Tur22]. **Ternary** [BGV21]. **Tetrahedral** [DV21]. **Their** [GLSV19, IL23, Tur22, Vol19]. **Theorem** [PSW21]. **Theorems** [LR23]. **Theoretic** [CI22]. **Theory** [AKRS21, Der18, DS20, DIP20, OPPS22, Pol22]. **Theta** [AA19, BDFHH20]. **Tight** [CMS17]. **Tightest** [Oba18]. **Tilings** [KE22]. **Time** [DEFT22, Mic19]. **Topological** [GL22, LRR20]. **Topologically** [MHP18]. **Topology** [CFW21]. **Tori** [KOT23]. **Toric** [BSST23, CMMS23, Cra19, IZ17, MSS22, Nic23]. **Total** [DLSS19]. **Tractable** [AM19].

Transcendental [LS19]. **Transformations** [FN18]. **Translations** [Ber22]. **Transport** [AAF18, BYF+19]. **Transversality** [GL22]. **Tree** [ALR19, GO19b]. **Trek** [RS21]. **Triads** [FN18, Kop17]. **Trifocal** [Kil17]. **Triply** [KE22]. **Trivariate** [MSS22]. **Tropical** [DEFT22, KM19, MKPGC19]. **Tuples** [Tur22]. **Two** [LV20, PST22]. **Type** [BFMT21].

Unfolding [BYF+19]. **Uniform** [BvDD+17]. **Unit** [CMS17]. **Using** [ALR19, CDM18].

Valuation [Tra21]. **Valuations** [KM19]. **Value** [BHS+19]. **Values** [Der18, HKU17]. **Vanishing** [CMMS23]. **Variation** [DLSS19]. **Varieties** [AP23, BSST23, BRST23, CMS17, DEW20, 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]. **Voronoi** [BK18].

Walks [CBG+23]. **Waring** [HM22, Shi21]. **Wasserman** [Sta21]. **Wave** [Kop17]. **Weight** [Rav22]. **Weyl** [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://epubs.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://epubs.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://epubs.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.

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://epubs.siam.org/doi/10.1137/20M1328932`.

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.

Ahmadi:2019:DSO

[AM19] Amir Ali Ahmadi and Anirudha Majumdar. DSOS and SDSOS optimization: More tractable alternatives to sum of squares and semidefinite optimization. *SIAM Journal on Applied Algebra and Geometry*, 3(2):193–230, ???? 2019. CODEN SJAABQ. ISSN 2470-6566.

Altschuler:2023:KAA

[AP23] Jason M. Altschuler and Pablo A. Parrilo. Kernel approximation on algebraic varieties. *SIAM Journal on Applied Algebra and Geometry*, 7(1):1–28, ???? 2023. CODEN SJAABQ. ISSN 2470-6566. URL `https://epubs.siam.org/doi/10.1137/21M1425050`.

Averkov:2019:OSL

[Ave19] Gennadiy Averkov. Optimal size of linear matrix inequalities in semidefinite approaches to polynomial optimization. *SIAM*

Journal on Applied Algebra and Geometry, 3(1):128–151, ???? 2019. CODEN SJAABQ. ISSN 2470-6566.

Botbol:2020:FMG

[BBCY20] Nicolás Botbol, Laurent Busé, Marc Chardin, and Fatmanur Yildirim. Fibers of multi-graded rational maps and orthogonal projection onto rational surfaces. *SIAM Journal on Applied Algebra and Geometry*, 4 (2):322–353, ???? 2020. CODEN SJAABQ. ISSN 2470-6566.

Bloch:2017:OCP

[BCGO17] Anthony M. Bloch, Leonardo J. Colombo, Rohit Gupta, and Tomoki Ohsawa. Optimal control problems with symmetry breaking cost functions. *SIAM Journal on Applied Algebra and Geometry*, 1(1):626–646, ???? 2017. CODEN SJAABQ. ISSN 2470-6566.

Barrera-Cruz:2018:SRB

[BCHP18] Fidel Barrera-Cruz, Christine Heitsch, and Svetlana Poznanović. On the structure 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://epubs.siam.org/doi/10.1137/22M1475910`.

Bubenik:2017:HIE

[BdSN17] Peter Bubenik, Vin de Silva, and Vidit 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://epubs.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://epubs.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://epubs.siam.org/doi/10.1137/20M1355410`.

Brake:2019:SVD

[BHS+19] Danielle A. Brake, Jonathan D. Hauenstein, Frank-Olaf Schreyer, Andrew J. Sommese, and Michael E. Stillman. Singular value decomposition of complexes. *SIAM Journal on Applied Algebra and Geometry*, 3 (3):507–522, ???? 2019. CODEN SJAABQ. ISSN 2470-6566.

Blomer:2018:VCL

[BK18] Johannes Blömer and Kathlén Kohn. Voronoi cells of lattices with respect to arbitrary norms. *SIAM Journal on Applied Algebra and Geometry*, 2(2):314–338, ???? 2018. CODEN SJAABQ. ISSN 2470-6566.

Boutin:2020:DCH

[BK20] Mireille Boutin and Gregor Kemper. A drone can hear the shape of a room. *SIAM Journal on Applied Algebra and Geometry*, 4(1):123–140, ???? 2020. CODEN SJAABQ. ISSN 2470-6566.

Basu:2023:PHS

[BK23] Saugata Basu and Negin Karisani. Persistent homology of semialgebraic sets. *SIAM Journal on Applied Algebra and Geometry*, 7(3):651–684, ???? 2023. CODEN SJAABQ. ISSN 2470-6566. URL `https://epubs.siam.org/doi/10.1137/22M1494415`.

Bettiol:2021:CAG

[BKM21] Renato G. Bettiol, Mario Kummer, and Ricardo A. E. Mendes. Convex algebraic geometry of curvature operators. *SIAM Journal on Applied Algebra and Geometry*, 5(2):200–228, ???? 2021. CODEN SJAABQ. ISSN 2470-6566. URL `https://epubs.siam.org/doi/10.1137/20M1350777`.

Basu:2022:CPS

[BMN22] Saugata Basu and Ali Mohammad-Nezhad. On the central path of

semidefinite optimization: Degree and worst-case convergence rate. *SIAM Journal on Applied Algebra and Geometry*, 6(2): 299–318, ???? 2022. CODEN SJAABQ. ISSN 2470-6566. URL `https://epubs.siam.org/doi/10.1137/21M1419933`.

Bluhm:2020:CQM

[BN20] Andreas Bluhm and Ion Nechita. Compatibility of quantum measurements and inclusion constants for the matrix jewel. *SIAM Journal on Applied Algebra and Geometry*, 4(2):255–296, ???? 2020. CODEN SJAABQ. ISSN 2470-6566.

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://epubs.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 sparse semidefinite programming. *SIAM Journal on Applied Algebra and Geometry*, 5(4): 651–674, ???? 2021. CODEN SJAABQ. ISSN 2470-6566. URL `https://epubs.siam.org/doi/10.1137/20M1376170`.

Bihan:2018:PMS

[BSS18] 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://epubs.siam.org/doi/10.1137/22M1490569.

Blekherman:2017:DSS

[BSV17] Grigoriy Blekherman, Rainer Sinn, and Mauricio Velasco. Do sums of squares dream of free resolutions? *SIAM Journal on Applied Algebra and Geometry*, 1(1):175–199, ???? 2017. CODEN SJAABQ. ISSN 2470-6566.

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):111–125, ???? 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://epubs.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.

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://epubs.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. CODEN SJAABQ. ISSN 2470-6566.

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.

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://epubs.siam.org/doi/10.1137/21M141470X`.

Chistikov:2017:NMF

[CKM+17] Dmitry Chistikov, Stefan Kiefer, Ines Marušić, Mahsa Shirmo-

hammadi, 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, Facundo 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://epubs.siam.org/doi/10.1137/20M1353605`.

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://epubs.siam.org/doi/10.1137/21M1466943`.

Cahill:2017:CIA

[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

[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://epubs.siam.org/doi/10.1137/20M1359201`.

Carbone:2020:ESR

[CNN20] Lisa Carbone, Vidit 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

[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

[CQU17] 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

[CR20] 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

[Cra19] 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

[CS22] 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://epubs.siam.org/doi/10.1137/21M1449282`.

Diehl:2022:TTS

[DEFT22] Joscha Diehl, Kurusch Ebrahimi-Fard, and Nikolas Tapia. Tropical time series, iterated-sums signatures, and quasisymmetric functions. *SIAM Journal on Applied Algebra and Geometry*, 6 (4):563–599, ???? 2022. CODEN SJAABQ. ISSN 2470-6566. URL `https://epubs.siam.org/doi/10.1137/20M1380041`.

Derksen:2018:GTS

[Der18] Harm Derksen. A general theory of singular values with applications to signal denoising. *SIAM Journal on Applied Algebra and Geometry*, 2(4):535–596, ???? 2018. CODEN SJAABQ. ISSN 2470-6566.

DiRocco:2020:BDA

[DEW20] Sandra Di Rocco, David Eklund, and Madeleine Weinstein. The bottleneck degree of algebraic varieties. *SIAM Journal on Applied Algebra and Geometry*, 4(1):227–253, ???? 2020. CODEN SJAABQ. ISSN 2470-6566.

Dong:2023:DED

[DGHP23] Ruiwen Dong, Christian Goodbrake, Heather A. Harrington, and Gleb Pogudin. Differential elimination for dynamical models via projections with applications to structural identifiability. *SIAM Journal on Applied*

Algebra and Geometry, 7(1): 194–235, ???? 2023. CODEN SJAABQ. ISSN 2470-6566. URL https://epubs.siam.org/doi/10.1137/22M1469067.

Deng:2023:FSC

[DH23] Yiyang Deng and Marshall Hampton. Finiteness of spatial central configurations with fixed subconfigurations. *SIAM Journal on Applied Algebra and Geometry*, 7(3):610–622, ???? 2023. CODEN SJAABQ. ISSN 2470-6566. URL https://epubs.siam.org/doi/10.1137/22M1490788.

Dressler:2017:PSN

[DIdW17] Mareike Dressler, Sadik Iliman, and Timo de Wolff. A Positivstellensatz for sums of nonnegative 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://epubs.siam.org/doi/10.1137/22M1481695.

Duff:2022:GMG

[DKPR22] Timothy Duff, Viktor Korotynskiy, Tomas Pajdla, and Margaret H. Regan. Galois/Monodromy groups for decomposing minimal problems in 3D reconstruction. *SIAM Journal on Applied Algebra and Geometry*, 6(4):740–772, ???? 2022. CODEN SJAABQ. ISSN 2470-6566. URL https://epubs.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://epubs.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://epubs.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://epubs.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.

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://epubs.siam.org/doi/10.1137/20M1341118`.

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://epubs.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

[FNT17] 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.

Forcey:2023:CPE

[For23] 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://epubs.siam.org/doi/10.1137/22M1473844.

Fritz:2023:AVP

[Fri23] 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://epubs.siam.org/doi/10.1137/22M1498413.

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://epubs.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. *SIAM Journal on Applied Algebra and Geometry*, 6(2):216–242, ???? 2022. CODEN SJAABQ. ISSN 2470-6566. URL `https://epubs.siam.org/doi/10.1137/20M1368902`.

Gallet:2019:RSO

[GLSV19] 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.

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://epubs.siam.org/doi/10.1137/21M1428947`.

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://epubs.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://epubs.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 R^3. *SIAM Journal on Applied Algebra and Geometry*, 7(2):311–344, ???? 2023. CODEN SJAABQ. ISSN 2470-6566. URL `https://epubs.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://epubs.siam.org/doi/10.1137/21M1390736`.

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://epubs.siam.org/doi/10.1137/22M1475533`.

Harrington:2019:SMP

[HOST19] Heather A. Harrington, Nina Otter, Hal Schenck, and Ulrike Tillmann. Stratifying multiparameter 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, Segrè 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

[IL23] 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://epubs.siam.org/doi/10.1137/22M1513964`.

Ilten:2017:FST

[IZ17] 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:PMQ

[Jan23] 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://epubs.siam.org/doi/10.1137/22M1494567`.

Jeffs:2020:MNC

[Jef20] 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 [**?**, **?**].

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://epubs.siam.org/doi/10.1137/21M1450690`. See [Jef20].

Joswig:2022:GPO

[JKS22] Michael Joswig, Max Klimm, and Sylvain Spitz. Generalized permutahedra and optimal auctions. *SIAM Journal on Applied Algebra and Geometry*, 6(4): 711–739, ???? 2022. CODEN SJAABQ. ISSN 2470-6566. URL `https://epubs.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://epubs.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://epubs.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 Krahmer. 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. URL `https://epubs.siam.org/doi/10.1137/19M1284737`.

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://epubs.siam.org/doi/10.1137/21M1441183`.

Kepley:2021:CLE

[KMZ21] 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://epubs.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://epubs.siam.org/doi/10.1137/21M1441602.

Kao:2023:FTL

[KOT23] Chiu-Yen Kao, Braxton Osting, and Jackson C. Turner. Flat tori with large Laplacian eigenvalues in dimensions up to eight. *SIAM Journal on Applied Algebra and Geometry*, 7(1):172–193, ???? 2023. CODEN SJAABQ. ISSN 2470-6566. URL https://epubs.siam.org/doi/10.1137/22M1478823.

Kozhasov:2018:FRE

[Koz18] 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

[Kra23] 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://epubs.siam.org/doi/10.1137/22M1505268.

Kogan:2020:DSA

[KRV20] 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.

Koutsoumpelias:2020:MIL

[KW20] 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.

Lasserre:2019:VSS

[Las19] 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

[LM17] 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

[LM20] 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. CO-

DEN 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://epubs.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://epubs.siam.org/doi/10.1137/21M1422550`.

Le:2023:TCM

[LR23] 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://epubs.siam.org/doi/10.1137/22M148865X`.

Lesnick:2020:QGI

[LRR20] 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

[LS18a] 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

[LS18b] 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 Meter. 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://epubs.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. CODEN 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 C^*-action. *SIAM Journal on Applied Algebra and Geometry*, 5 (1):60–85, ???? 2021. CODEN

SJAABQ. ISSN 2470-6566. URL https://epubs.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://epubs.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.

Montufar:2022:SBN

[MRZ22] 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://epubs.siam.org/doi/10.1137/21M1413699.

Meunier:2019:MVS

[MS19] 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

[MS23] Goran Mali'c 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://epubs.siam.org/doi/10.1137/21M1437986.

Meyer:2022:ZST

[MSS22] Kyle Meyer, Ivan Soprunov, and Jenya Soprunova. 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. URL https://epubs.siam.org/doi/10.1137/21M1436890.

Neff:2019:EGM

[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.

Nicklasson:2023:TNT

[Nic23] Lisa Nicklasson. Toric and non-toric Bayesian networks.

SIAM Journal on Applied Algebra and Geometry, 7(3):549–566, ???? 2023. CODEN SJAABQ. ISSN 2470-6566. URL `https://epubs.siam.org/doi/10.1137/22M1515690`.

Nie:2017:STN

[Nie17] Jiawang Nie. Symmetric tensor nuclear norms. *SIAM Journal on Applied Algebra and Geometry*, 1(1):599–625, ???? 2017. CODEN SJAABQ. ISSN 2470-6566.

Needham:2023:GAP

[NW23] 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://epubs.siam.org/doi/10.1137/21M1436580`.

Obayashi:2018:VOC

[Oba18] 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.

Ovchinnikov:2022:MEP

[OPPS22] 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. URL `https://epubs.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.

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://epubs.siam.org/doi/10.1137/21M1413298`.

Pryhuber:2022:ETV

[PST22] 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://epubs.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://epubs.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://epubs.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. URL https://epubs.siam.org/doi/10.1137/20M1316470.

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://epubs.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.

Shitov:2021:WRX

[Shi21] Yaroslav Shitov. The Waring rank of the 3 x 3 permanent. *SIAM Journal on Applied Algebra and Geometry*, 5(4):701–714, ???? 2021. CODEN SJAABQ. ISSN 2470-6566. URL `https://epubs.siam.org/doi/10.1137/20M1349254`.

Shitov:2022:SCS

[Shi22] Yaroslav N. Shitov. The subrank of a complex symmetric tensor can exceed its symmetric subrank. *SIAM Journal on Applied Algebra and Geometry*, 6(4): 531–535, ???? 2022. CODEN SJAABQ. ISSN 2470-6566. URL `https://epubs.siam.org/doi/10.1137/21M1465494`.

Shankar:2018:GDA

[SR18] Shiva Shankar and Paula Rocha. The generic degree of autonomy. *SIAM Journal on Applied Algebra and Geometry*, 2(3):410–427, ???? 2018. CODEN SJAABQ. ISSN 2470-6566. See corrigendum [Sha19].

Stange:2021:AAS

[Sta21] Katherine E. Stange. Algebraic aspects of solving Ring-LWE, including ring-based improvements in the Blum–Kalai–Wasserman algorithm. *SIAM Journal on Applied Algebra and Geometry*, 5(2):366–387, ???? 2021. CODEN SJAABQ. ISSN 2470-6566. URL `https://epubs.siam.org/doi/10.1137/19M1280442`.

Sturmfels:2017:MEC

[Stu17] Bernd Sturmfels. Message from the Editor-in-Chief. *SIAM Journal on Applied Algebra and Geometry*, 1(1):1, ???? 2017. CODEN SJAABQ. ISSN 2470-6566.

Tokcan:2021:AMT

[TGND21] Neriman Tokcan, Jonathan Gryak, Kayvan Najarian, and Harm Derksen. Algebraic methods for tensor data. *SIAM Jour-*

nal on Applied Algebra and Geometry, 5(1):1–27, ???? 2021. CODEN SJAABQ. ISSN 2470-6566. URL https://epubs.siam.org/doi/10.1137/19M1272494.

Tran:2021:FMB

[Tra21] Ngoc Mai Tran. The finite matroid-based valuation conjecture is false. *SIAM Journal on Applied Algebra and Geometry*, 5(3):506–525, ???? 2021. CODEN SJAABQ. ISSN 2470-6566. URL https://epubs.siam.org/doi/10.1137/19M1304295.

Turatti:2022:TDT

[Tur22] Ettore Turatti. On tensors that are determined by their singular tuples. *SIAM Journal on Applied Algebra and Geometry*, 6 (2):319–338, ???? 2022. CODEN SJAABQ. ISSN 2470-6566. URL https://epubs.siam.org/doi/10.1137/21M1412980.

Volcic:2019:SNP

[Vol19] Jurij Volcic. Stable noncommutative polynomials and their 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://epubs.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 Z^n. *SIAM Journal on Applied Algebra and Geometry*, 5(3): 479–505, ???? 2021. CODEN SJAABQ. ISSN 2470-6566. URL https://epubs.siam.org/doi/10.1137/20M1375127.