

Association Schemes

Wed mor1	A. Vasil'ev: Closures of permutation groups and the isomorphism problem for schurian coherent configurations
Wed mor1	P.-H. Zieschang: Residually Thin Hypergroups
Wed mor1	C. French: Hypergroup rings
Thu aft1	A. Munemasa: Krein parameters of fiber-commutative coherent configurations
Thu aft1	J. Vidali: On tight 4-designs in Hamming association schemes
Thu aft1	S. Suda: Linked systems of group divisible designs
Thu aft2	S. Humphries: Schur rings over infinite groups
Thu aft2	G. Somlai: New family of CI-groups
Thu aft2	G. Ryabov: Infinite family of non-schurian separable association schemes
Fri mor2	H. Blau: Nilpotent commutative standard integral table algebras of order p^3
Fri mor2	A. Herman: Rationality for irreducible representations of association schemes of rank 6 and 7
Fri mor2	I. Ponomarenko: A characterization of some equivalenced association schemes
Fri mor2	Misha Muzychuk: Non-commutative schemes of rank six and related objects

Biomathematics and Bioinformatics

Thu aft1	R. Janssen: Navigating the space of phylogenetic networks
Thu aft1	G. Scholz: Un-folding and folding-up phylogenetic networks
Thu aft1	D. Doerr: On the Computational Hardness of Ancestral Genome Reconstructions
Thu aft2	M. Lafond: Will we ever find a forbidden subgraph characterization of leaf powers?
Thu aft2	N. Nøjgaard: Partial Homology Relations - Satisfiability in terms of Di-Cographs
Thu aft2	M. Hellmuth: Best Match Graphs
Fri mor1	L. Herbst: Trees on scales -- measures of balance for rooted binary trees
Fri mor1	C.R. Seemann: The Matroid Structure of Representative Triple Sets and Triple-Closure Computation
Fri mor2	K. Wicke: Phylogenetics meets classic graph theory -- Connections between Hamiltonicity, GSP graphs and treebase
Fri mor2	A. Fujita: Network Statistics on biological data analyses
Fri mor2	General S. Antunović: Exponential generalised network descriptors
Fri mor2	General M.C. Molinari: Colored even cycle decompositions

Chemical graph theory

Thu mor1	H. Zhang: Anti-Kekulé number of graphs
Thu mor1	S. Brezovnik: Resonance graphs of catacondensed even ring systems (CERS)
Thu mor1	Z. Che: Resonance graphs of plane elementary bipartite graphs
Thu aft1	P. Dankelmann: On the Wiener Index of Eulerian Graphs
Thu aft1	T. Došlić: Packing stars in fullerenes
Thu aft1	X. Li: The asymptotic value of graph energy for random graphs with degree-based weights
Thu aft2	X. Jin: On the existence of some strong traces of graphs
Thu aft2	M. Knor: Bounding the Graovac-Pisanski index
Thu aft2	General M. Sahin: Core partitions with d -distinct parts
Fri mor1	B. Furtula: Novel method for measuring sensitivity of topological descriptors on structural changes
Fri mor1	J. Wang: Median eigenvalues and HOMO-LUMO index of graphs
Fri mor2	H. Chen: The average Laplacian polynomial of a graph
Fri mor2	J. Sedlar: On combining Zagreb and Forgotten index to obtain better predictive power
Fri mor2	N. Tratnik: Computing Distance-Based Topological Indices from Quotient Graphs
Fri mor2	P. Žigert Pleteršek : Two topological indices applied on hydrocarbons

Configurations

Wed mor1	M. Izquierdo: Configurations and Dessins d'Enfants
Wed mor1	V. Napolitano: Configurations and some classes of finite linear spaces
Wed mor1	A. Žitnik: Chiral astral realizations of cyclic 3-configurations
Thu mor1	G. Gévay: Exotic configurations
Thu mor1	M. Raney: Trilateral matroids

Thu mor1	J. Kovič: Platonic configurations
Fri mor1	T. Pisanski: The remarkable rhombic dodecahedron graph
Fri mor1	K. Stokes: Dualities, trialities, configurations and graphs
Fri mor2	L. Berman: Eventually, 5-configurations exist for all n
Fri mor2	J. Bokowski: On the Finding of Symmetric Polyhedral Realizations without Self-Intersections of Hurwitz's Regular Maps
Fri mor2	M. Saniga: Doily - A Gem of the Quantum Universe
Fri mor2	H. Gropp: On the early history of configurations

Designs

Mon mor1	A. Pott: Homogeneous cubic bent functions
Mon mor1	J.R. Schmitt: Distinct partial sums in cyclic groups
Mon mor1	O. Olmez: Partial Geometric Designs and Their Links
Mon aft1	D. Crnković: Self-orthogonal codes from block designs and association schemes
Mon aft1	R. Egan: Complementary sequences and combinatorial structures
Mon aft1	S. Costa: Relative Heffter arrays and biembeddings
Mon aft2	A. Wassermann: On q-analogs of group divisible designs
Mon aft2	A. Pasotti: Odd sun systems of the complete graph
Mon aft2	S. Ban: New extremal Type II Z_4 -codes of length 32 obtained from Hadamard designs
Tue aft1	V. Kabanov: Deza graphs with parameters $(v,k,k-2,a)$
Tue aft1	F. Merola: Cycle systems of the complete multipartite graph
Tue aft1	A. Švob: Self-orthogonal codes from orbit matrices of Seidel and Laplacian matrices of strongly regular graphs
Tue aft2	M.O. Pavčević: Constructions of some new t-designs acted upon nonabelian automorphism groups
Tue aft2	T. Vučičić: Groups $S_n \times S_m$ in construction of flag-transitive block designs
Tue aft2	T. Traetta: Pyramidal Steiner and Kirkman triple systems

Discrete and computational geometry

Tue aft1	D. Pálvölgyi: Polychromatic coloring of geometric hypergraphs
Tue aft1	M. Saumell: Hamiltonicity for convex shape Delaunay and Gabriel graphs
Tue aft1	G. Liotta: Bend-minimum Orthogonal Drawings
Tue aft2	D. Bokal: Bounded degree conjecture holds precisely for c-crossing-critical graphs with $c \leq 12$
Tue aft2	A. Vegi Kalamar: Counting Hamiltonian cycles in 2-tiled graphs
Tue aft2	Y. Kempner: Spanoids, Greedoids and Violator Spaces
Wed mor1	H.R. Tiwary: Small polytope for Subtour Elimination in TSP
Wed mor1	P. Hliněný: On Colourability of Polygon Visibility Graphs
Wed mor2	É. Colin de Verdière: Multicuts in planar and surface-embedded graphs
Wed mor2	C. Gavoille: Shorter Implicit Representation for Planar Graphs
Wed mor2	S. Cabello: Maximum Matchings in Geometric Intersection Graphs

Distance-regular graphs

Mon mor1	R.F. Bailey: On distance-regular graphs on 486 vertices
Mon mor1	A. Neumaier: t-point counts in distance-regular graphs
Mon mor1	H. Suzuki: The universal C-cover of a completely regular clique graph
Tue mor1	B. Fernández: On the Terwilliger Algebra of Locally Pseudo-Distance-Regular Graphs
Tue mor1	S. Penjič: A combinatorial approach to the Terwilliger algebra modules of a bipartite distance-regular graph
Tue mor1	Š. Miklavčič: Irreducible T-modules with endpoint 1 of almost 1-homogeneous distance-regular graph
Wed mor1	P. Terwilliger: Leonard pairs, spin models, and distance-regular graphs
Wed mor1	S. Bockting-Conrad: Tridiagonal pairs of Racah type and the universal enveloping algebra $U(SL_2)$

Domination in graphs

Tue aft1	S. Klavžar: The Maker-Breaker domination game
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Tue aft1	T. Gologranc: On graphs with equal total domination and Grundy total domination number
Tue aft1	T. Kos: On the Grundy dominating sequences
Tue aft2	B. Brešar: Graphs with a unique maximum open packing
Tue aft2	M. Jakovac: Relating the annihilation number and two domination invariants
Tue aft2	L. Hernandez Lucas: Dominating sets in finite generalized quadrangles
Wed mor2	I. Peterin: $[1, k]$ -domination number of lexicographic product of graphs
Wed mor2	T. Kraner Šumenjak: On k -rainbow independent domination in graphs
Wed mor2	A. Tepeh: On k -rainbow total domination in graphs
Fri mor2	P. Dorbec: Reconfiguring and enumerating dominating sets.
Fri mor2	M.A. Henning: The independent domatic number and the total domatic number
Fri mor2	A. Lakshmanan S.: Double Roman Domination Number
Fri mor2	B. Martínez-Barona: Identifying codes in line digraphs

Finite Geometries

Tue mor1	S. Adriaensen: An Investigation into Small Weight Code Words of Projective Geometric Codes
Tue mor1	L. Denaux: Small weight code words arising from the incidence of points and hyperplanes in $PG(n,q)$
Tue mor1	F. Ihringer: New SDP Bounds on Subspace Codes
Thu mor1	S. Ball: Maximum Distance Separable Codes: Recent advances and applications
Thu mor1	M. Lavrauw: MDS codes, arcs and tensors
Thu mor1	G. Marino: Subspace code constructions
Thu aft1	J. D'haeseleer: Projective solids pairwise intersecting in at least a line
Thu aft1	M. De Boeck: Cameron-Liebler classes for finite geometries
Thu aft1	S. Glasby: Classical groups and transitive actions on subspaces
Thu aft2	Z. Blázquez: Balanced upper chromatic number of $PG(2,q)$
Thu aft2	V. Pepe: A construction for clique-free pseudorandom graphs
Thu aft2	S. Mattheus: Bipartite Ramsey numbers: C_4 versus the star
Fri aft 1	B. Csajbók: Generalising KM-arcs
Fri aft 1	G. Kiss: On resolving sets for the point-line incidence graph of $PG(n,q)$
Fri aft 1	T. Szőnyi: On the stability of Baer subplanes

Games on graphs

Mon aft1	J. Grytczuk: Choosability Games
Mon aft1	É. Sopena: A connected version of the graph coloring game
Mon aft1	D. Štesl: Indicated coloring game on Cartesian products of graphs
Mon aft2	S. Dantas: The Graceful Game
Mon aft2	D.B. West: The Slow-Coloring Game on a Graph
Mon aft2	G. Puleo: Online Sum-Paintability: Slow-Coloring of Trees
Tue mor1	Cs. Bujtás: Domination and transversal games: Conjectures and perfectness
Tue mor1	V. Iršič: Some results on the connected domination game
Tue mor1	T. James: Domination game on split graphs
Wed mor1	A. Pongrácz: Non-deterministic decision making on finite graphs
Wed mor1	D. Pinto: Replicator equations on graphs

General Graph Theory

Mon1	G. Rácz: Generalized Lah numbers and their graph theoretical interpretation
Mon1	G. Nyul: Various generalizations of Bell numbers
Mon1	G. Bacsó: The Equal-Sum-Free Subset problem
Mon2	S. Cichacz: Group distance magic hypercubes
Mon2	B.K. Sahoo: Vertex connectivity of the power graph of a finite cyclic group
Mon2	M. Grech: Wreath product of permutation groups as the automorphism group of a graph.
Mon3	M. Dębski: Edge colorings avoiding patterns
Mon3	H. Furmańczyk: Equitable list vertex colourability and arboricity of grids
Mon3	M. Maceková: Acyclic coloring of graphs with prescribed maximum average degree

Mon4	F. Hoersch: Highly vertex-connected orientations of regular eulerian graphs
Mon4	Y. Suzuki: Partially Broken Orientations of Eulerian Plane Graphs
Mon4	I. Fabrici: Circumference of essentially 4-connected planar graphs
Mon5	S. Pagani: Discrete tomography: a graph-theoretical formulation of local uniqueness for two directions
Mon5	B. Žak: Determination of the optimal ship trajectory in a collision situation with the use of directed graphs
Mon5	J. Garus: Underwater vehicle trajectory planning using the graph theory in dynamic environments with obstacles
Mon6	A. Vesel: Packing colorings of Sierpiński-type and H graphs
Mon6	K. Ando: Some new local conditions for k-contractible edges
Mon6	D. Labbate: Non bipartite regular 2-factor isomorphic graphs: an update
Tue1	M. Hecht: Tight Localisations of Minimal Feedback Sets in Cubic Time
Tue1	G.Y. Katona: Complexity questions for minimally t-tough graphs
Tue1	G. Kubicki: An optimal algorithm for stopping on the element closest to the center of an interval
Tue2	J. Goedgebeur: Graphs with few Hamiltonian Cycles
Tue2	J. Zerafa: Hamiltonian cycles containing a prescribed perfect matching
Tue2	D. Mattiolo: Some results regarding upper and lower bounds on the circular flow number of snarks
Wed1	J. Cooper: Finitely forcible graph limits are universal
Wed1	C. Lindorfer: Ends of graphs and the language of self-avoiding walks
Wed2	B. Patkós: On the general position problem on Kneser graphs
Wed2	S. Majstorovič: Graphs preserving total distance upon vertex removal
Wed2	M. Pizaña: Cliques, Logic and Games
Thu1	D. Osthus: Decompositions into isomorphic rainbow spanning trees
Thu1	M. Ellingham: The structure of 4-connected $K_{\{2,t\}}$ -minor-free graphs
Thu1	G. Fijavž: Forbidding prism immersions
Thu2	F. Lehner: On the cop-number of toroidal graphs
Thu2	A. Nakamoto: Vertex-face structures in quadrangulations on surfaces
Thu2	G. Mazzuocolo: Reduction of the Berge-Fulkerson Conjecture to cyclically 5-edge-connected snarks
Fri1	D. Ye: Circuit Covers of Signed Graphs
Fri1	M. Vizer: On the Turán number of edge ordered graphs
Fri1	C. Xiao: The Turán number of the square of a path
Fri2	S. Bonvicini: A variant of orthogonality for symmetric Latin squares
Fri2	M. Abreu: Orthogonal Array Configurations
Fri2	F.I. Becerra López: Integer invariants of a graph manifold using Hirzenbruch-Jung continued fractions on the linking n
Fri3	A. Tyc: Z-knotted triangulations of surfaces
Fri3	M. Pankov: Face z-monodromies in triangulations of surfaces
Fri3	M. Kwiatkowski: Tree structured z-knotted triangulations of a sphere.
Fri4	V. Pallozzi Lavorante: AG codes from the second generalization of the GK maximal curve
Fri4	D. Hawtin: s-Elusive Codes in Hamming Graphs
Fri4	S. Veldsman: Congruences and subdirect representations of graphs

Graph coloring

Tue mor1	I. Schiermeyer: Polynomial chi-binding functions and forbidden induced subgraphs - a survey
Tue mor1	J. Ferme: Graphs that are critical for the packing chromatic number
Tue mor1	D. Rall: Packing chromatic vertex-critical graphs
Tue aft1	M. Anholcer: Majority coloring of infinite digraphs
Tue aft1	B. Lužar: Homogeneous Coloring of Graphs
Tue aft1	R. Škrekovski: Some results and problems on unique-maximum colorings of plane graphs
Tue aft2	X. Li: Monochromatic disconnection of graphs
Tue aft2	E. Kubicka: Total coloring of graphs with minimum sum of colors; existence of T-strong graphs and trees.
Tue aft2	J. Przybyło: The 1-2-3 Conjecture almost holds for regular graphs
Thu mor1	J. Barát: Decomposition of cubic graphs related to Wegner's conjecture
Thu mor1	M. Śleszyńska-Nowak: Strong cliques in graphs
Thu mor1	E. Drgas-Burchardt: Consecutive colouring of oriented graphs

Metric Graph Theory

Wed mor1	I.G. Yero: Uniquely identifying the vertices of a graph by means of distance multisets
Wed mor1	V. Junnila: On the Solid-Metric Dimension of a Graph
Thu mor1	T. Laihonen: On Resolving Several Vertices in a Graph
Thu mor1	M. Mora: k -Fault-tolerant resolving sets in graphs
Thu mor1	E. Yi: The fractional k -metric dimension of graphs
Thu aft1	B. DasGupta: Computational complexities of three problems related to computing the metric anti-dimension of a graph
Thu aft1	Y. Ramírez-Cruz: Constrained incremental resolvability in dynamic graphs: a case study in active re-identification
Thu aft1	A. Kelenc: Hausdorff Distance Between Trees in Polynomial Time
Thu aft2	C.X. Kang: The connected metric dimension at a vertex of a graph
Thu aft2	M.L. Puertas: Bounding the determining number of a graph by removing twins
Thu aft2	A. Taranenko: On graphs achieving the trivial upper bound for edge metric dimension
Fri mor1	D. Kuziak: Metric and strong metric dimensions of direct product graphs
Fri mor1	R. Simanjuntak: Centroidal dimensions of product graphs

Polytopes

Tue mor1	M. Rosenfeld: Branko Grünbaum, the mathematician who beat the odds
Tue mor1	A.I. Weiss: Realizations of regular abstract polytopes in euclidean spaces
Tue mor1	D. Leemans: Rank reduction of string C-group representations
Tue aft1	I. Hubard: Geometric chiral polyhedra in 3-dimensional spaces
Tue aft1	J. Bracho: A family of finite quiral polyhedra in S^3
Tue aft1	M. Conder: Chiral polytopes of arbitrarily large rank
Wed mor2	M.E. Fernandes: Locally spherical hypertopes
Wed mor2	C.A. Piedade: Possible degrees of Toroidal Regular Maps
Wed mor2	G. Williams: Geometric realizability of simplicial 3-spheres
Thu aft1	L. Montejano: On the Geometric Banach Conjecture
Thu aft1	T. Marc: Oriented matroids as graphs
Thu aft1	E. Mochan: 2-orbit polytopes
Thu aft2	D. Pellicer: Tight chiral abstract polytopes
Thu aft2	A. Montero: Highly symmetric toroidal polytopes
Thu aft2	S. Wilson: Rotary 4-Manifolds having one facet

Spectral Graph Theory

Mon mor1	W. Imrich: The Structure of Quartic Graphs with Minimal Spectral Gap
Mon mor1	A. Gavriluk: On the multiplicities of digraph eigenvalues
Mon mor1	M. Andelic: Tridiagonal matrices and spectral properties of some graph classes
Mon aft1	A. Abiad: A characterization and an application of weight-regular partitions of graphs
Mon aft1	C. Dalfo: A new general method to obtain the spectrum and local spectra of a graph from its regular partitions
Mon aft1	I. Sciriha: On graphs with the same main eigenspace
Mon aft2	P. Wissing: The negative tetrahedron and the first infinite family of connected digraphs that are strongly determined
Mon aft2	A. Farrugia: Generating Pairs of Generalized Cospectral Graphs from Controllable Graphs
Mon aft2	T. Taniguchi: A generalization of Hoffman Graph
Tue aft1	Z. Stanič: Notes on spectra of signed graphs
Tue aft1	M. Brunetti: On Some Spectral Properties of Signed Circular Caterpillars
Tue aft1	V. Ambat: The Distance Spectra of Some Graph Classes - A Survey
Tue aft2	B. Mohar: About the smallest eigenvalue of non-bipartite graphs
Tue aft2	S. Pavlíková: Inverting non-invertible labeled trees
Tue aft2	K.L. Patra: Laplacian eigenvalues of the zero divisor graph of the ring Z_n
Thu mor1	B. Mihailović: Some examples of transformations that preserve $\text{sgn}(\lambda_{2-r})$
Thu mor1	P. Rama: Spectral and combinatorial properties of lexicographic polynomials of graphs
Thu mor1	General S.J. Pinheiro: Erdős-Gallai type results on weighted degree sequences of graphs
Fri mor1	J. Wang: On graphs whose spectral radius does not exceed the Hoffman limit value
Fri mor1	F. Belardo: On some recent results of Slobodan K. Simić (1948-2019)

Structural and algorithmic graph theory

Mon mor1	M. Krnc: On the End-Vertex Problem of Graph Searches
Mon mor1	N.L.D. Sintiari: Layered wheels
Mon mor1	M. Hecht: Topological Invariants of Elementary Cycles and a Generalization of Biggs Theorem
Mon aft1	M. Milanič: Avoidable Vertices, Avoidable Edges, and Implications for Highly Symmetric Graphs
Mon aft1	J. Beisegel: Maximum Weighted Clique in Hole-Cyclically Orientable Graphs
Mon aft1	E. Kim: Erdős–Pósa Property of Chordless Cycles and its Applications
Mon aft2	M. Pizaña: Algorithmic Aspects of the Finite Extension Problem
Mon aft2	S. Onn: Deciding and Optimizing over Degree Sequences
Mon aft2	General S. Horvát: Exact random sampling of connected graphs with a given degree sequence
Tue aft1	T. Huynh: Unavoidable minors for graphs with large ℓ_p -dimension
Tue aft1	N. Pivač: Minimal separators in graph classes dened by small forbidden induced subgraphs
Tue aft1	A. Newman: Explicit 3-colorings for exponential graphs
Tue aft2	P. Aboulker: Subgraphs of directed graphs with large dichromatic number
Tue aft2	M. Krész: Uniquely restricted (g,f) -factors
Tue aft2	W. Lochet: Immersion of transitive tournaments

Symmetries of graphs and maps

Mon mor1	L. Morgan: The distinguishing number of 2-arc-transitive graphs and permutation groups
Mon mor1	M. Pilśniak: Distinguishing colorings of maps
Mon mor1	R. Kalinowski: Symmetry breaking in claw-free graphs of small maximum degree
Mon aft1	P. Potočník: Generalised voltage graphs
Mon aft1	N. Poznanovic: Normal quotients of four-valent G -oriented graphs
Mon aft1	A. Malnič: Covers of digraphs
Mon aft2	D. Catalano: Strong map-symmetry of $SL(3,K)$ and $PSL(3,K)$ for any finite field K .
Mon aft2	D. Pinto: Duality and Chiral-Duality
Mon aft2	H.P. Luk: Tilings of the Sphere by Almost Equilateral Pentagons
Tue aft2	M. Šimac: LDPC codes constructed from cubic symmetric graphs
Tue aft2	I. Kovács: Groups all of whose Haar graphs are Cayley graphs
Tue aft2	P. Šparl: On loosely attached tetravalent half-arc-transitive graphs
Wed mor1	M. Bachraty: Skew morphisms of simple groups
Wed mor1	Y.S. Kwon: Square roots of automorphisms of cyclic groups
Thu mor1	A. Breda d'Azevedo: Regular bi-oriented maps of negative prime characteristic
Thu mor1	T. Dobson: Every 2-closed group of degree qp^2 has a semiregular element
Thu mor1	M. Toledo: Cubic graphs with long orbits
Fri mor1	R. Nedela: Reductions of maps preserving the isomorphism relation I
Fri mor1	P. Zeman: Reductions of maps preserving the isomorphism relation II
Fri mor2	M. Conder: Observations and answers to questions about edge-transitive maps
Fri mor2	G.A. Jones: Realisation of groups as automorphism groups of maps and hypermaps
Fri mor2	R.G. Möller: Infinite vertex-transitive graphs and their arc-types
Fri mor2	B. Fairbairn: Some non-Beauville groups: Why you should always pay attention to what is said at wine receptions
Fri aft1	M. Giudici: Arc-transitive bicirculants
Fri aft1	C. King: Edge-primitive 3-arc-transitive graphs
Fri aft1	A. Melekoğlu: Patterns of edge-transitive maps
Fri aft2	M. Mačaj: On external symmetries of Wilson maps
Fri aft2	T. Tucker: Surface Symmetry: Kulkarni Revisited
Fri aft2	R. Jajcay: Generalized Cayley maps