

List of Accepted Papers

- Julien Bensmail, Valentin Garnero, Nicolas Nisse, Alexandre Salch and Valentin Weber. **Recovery of disrupted airline operations using k-Maximum Matching in graphs.**
- Pavol Hell and Tomas Feder. **Correspondence Homomorphisms to Reflexive Graphs.**
- Manoel Campelo and Daniel Severin. **Facets of the polytope of legal sequences.**
- Luis Pedro Montejano, Jonathan Chappelon and Jorge Luis Ramírez Alfonsín. **Ramsey for complete graphs with a dropped edge or a triangle.**
- Tien-Nam Le. **Locally self-avoiding eulerian tours.**
- Marina Groshaus, André L. P. Guedes and Juan Pablo Puppó. **Biclique graph of bipartite permutation graphs.**
- Wiebke Bedenknecht, Guilherme Oliveira Mota, Christian Reiher and Mathias Schacht. **On the local density problem for graphs of given odd-girth.**
- Leonardo Coregliano, Roberto Parente and Cristiane Sato. **On the maximum density of fixed strongly connected subtournaments.**
- Alvaro Javier Fuentes Suárez and Evelyne Hubert. **Scaffolding skeletons using spherical Voronoi diagrams.**
- Rennan Dantas, Frédéric Havet and Rudini Sampaio. **Minimum density of identifying codes of king grids.**
- Andreas Brandstädt and Raffaele Mosca. **On Efficient Domination for Some Classes of H-Free Chordal Graphs.**
- Rafael Andrade, Tiberius Bonates, Manoel Campelo and Mardson Ferreira. **Minimum Linear Arrangements.**
- Nathann Cohen, Frédéric Havet, William Lochet and Raul Lopes. **Bispindles in strongly connected digraphs with large chromatic number.**
- Alexandre X. Martins, Christophe Duhamel and Andréa C. Santos. **A column generation approach for the strong network orientation problem.**
- Valerio Boncompagni, Irena Penev and Kristina Vuskovic. **Clique cutsets beyond chordal graphs.**
- Rubens Sucupira, Luerbio Faria, Sulamita Klein, Ignasi Sau and Uéverton Souza. **Maximum Cuts in Edge-colored Graphs.**
- Phablo Moura and Yoshiko Wakabayashi. **Strong intractability of generalized convex recoloring problems.**
- Claudson Bornstein, José Wilson Coura Pinto and Dieter Rautenbach. **Intersection Graphs of Orthodox Paths in Trees.**
- Nathan Chadder and Antoine Deza. **Computational determination of the largest lattice polytope diameter.**
- Maycon Sambinelli, Orlando Lee and Cândida Nunes Da Silva. **Advances in Aharoni-Hartman-Hoffman's Conjecture for Split digraphs.**
- Rafael Veiga Pocai. **Inapproximability Ratios for Crossing Number.**
- Simone Dantas, Rodrigo Marinho and Slobodan Tanushevski. **The Solitaire Clobber game and correducibility.**
- Isidoro Gitler and Gustavo Antonio Sandoval-Angeles. **Delta-wye Transformations and the Efficient Reduction of Almost-Planar Graphs.**
- Juan Gutiérrez, Cristina Fernandes, Paloma Lima, Renzo Gómez and Márcia Cerioli. **Transversals of Longest Paths.**
- Bruno Dias, Rosiane de Freitas, Nelson Maculan and Javier Marrenco. **Facet-inducing inequalities and a cut-and-branch algorithm for the bandwidth coloring polytope based on the orientation model.**
- Fábio Botler and Maycon Sambinelli. **Gallai's Conjecture for graphs with treewidth.**
- Matthias Koeppel and Jiawei Wang. **Structure and Interpretation of Dual-Feasible Functions.**
- Martín Matamala and José Zamora. **Graphs admitting antimagic labeling for arbitrary sets of positive integers.**
- Renata R. Del-Vecchio, Cybele T. M. Vinagre and Guilherme B. Pereira. **Hyper-Hamiltonicity in graphs: some sufficient conditions.**
- Arman Boyaci and Jerome Monnot. **Weighted upper domination number.**
- Lucas Isenmann and Timothée Pecatte. **Möbius Stanchion Systems.**

- Camile F. Bordini and André Luís Vignatti. **An Approximation Algorithm for the p -Hub Median Problem.**
- M.A. Pizaña and I.A. Robles. **On cliques and bicliques.**
- Júlio Araújo, Julien Baste and Ignasi Sau. **Ruling out FPT algorithms for Weighted Coloring on forests.**
- Márcio Félix Reis, Mário César San Felice, Orlando Lee and Fábio Luiz Usberti. **A 3-approximation algorithm for the maximum leaf k -forest problem.**
- Luana Cordeiro, Simone Dantas and Diana Sasaki. **On Type 2 Snarks and Dot Products.**
- César Hernández-Cruz and Jesús Alva-Samos. **k -quasi-transitive digraphs of large diameter.**
- Johanne Cohen, Yannis Manoussakis, Hong Phong Pham and Zsolt Tuza. **Tropical matchings in vertex-colored graphs.**
- Murilo de Lima, Mário César San Felice and Orlando Lee. **On Generalizations of the Parking Permit Problem and Network Leasing Problems.**
- Liliana Alcón, Miguel Pizaña and Gabriela Ravenna. **On the Existence of Critical Clique-Helly Graphs.**
- Guillaume Ducoffe, Ruxandra Marinescu-Ghemeci and Alexandru Popa. **On the (di)graphs with (directed) proper connection number two.**
- Daniel Paulusma, Christophe Picouleau and Bernard Ries. **Reducing the Chromatic Number by Vertex or Edge Deletions.**
- Gabriela Argiroffo, Silvia Bianchi, Yanina Lucarini and Annegret Wagler. **The identifying code number of block graphs.**
- Bsaybes Sahar, Alain Quilliot and Annegret Wagler. **Fleet management for autonomous vehicles using flows in time-expanded networks.**
- Cláudia Linhares Sales, Leonardo Sampaio and Ana Silva. **The lexicographic product of some chordal graphs and of cographs are b -continuous.**
- Henri Perret Du Cray, Mourad Baiou, Laurent Beaudou and Vincent Limouzy. **Bounds on Directed star arboricity in some digraph classes.**
- Mayara Omai, Sheila Almeida and Diana Sasaki. **AVD-edge coloring on powers of paths.**
- Alexander A. Melo, Celina H. M. Figueiredo and Uéverton S. Souza. **Simple Undirected Two-Commodity Integral Flow with a Unitary Demand.**
- Pablo De Caria. **On the recognition of neighborhood inclusion posets.**
- Stéphane Bessy, Mitre C. Dourado, Lucia D. Penso and Dieter Rautenbach. **The Geodetic Hull Number is Hard for Chordal Graphs.**
- L. Emilio Allem, Antonio Cafure, Ezequiel Dratman, Luciano N. Grippo, Martín D. Safe and Vilmar Trevisan. **On graphs with a single large Laplacian eigenvalue.**
- Olga Kuryatnikova and Juan Carlos Vera Lizcano. **Approximating the cone of copositive kernels to estimate the stability number of infinite graphs.**
- M. Braga, D. Delle Donne, M. Escalante, J. Marengo, M. E. Ugarte and M. C. Varaldo. **The minimum chromatic violation problem: a polyhedral study.**
- Ngoc Khang Le. **Detecting induced subdivision of K_4 .**