CALDAM 2025 - ACCEPTED PAPERS

SL No.	Authors	Title
1.	Péter Ágoston, Adrian Dumitrescu, Arsenii Sagdeev, Karamjeet Singh and Ji Zeng	Maximizing the Maximum Degree in Ordered Nearest Neighbor Graphs
2.	Kevin Mann and Henning Fernau	Extension Perfect Roman Domination
3.	Dipayan Chakraborty and Annegret Wagler	On full-separating sets in graphs
4.	Sina Ghasemi Nezhad, Maryam Moghaddas and Fahad Panolan	Fast FPT Algorithms for Grundy Number on Dense Graphs
5.	Anand Subramani, K. Subramani, Piotr Wojciechowski and Sangram Kishor Jena	The MASEMPR problem and its applications in logistics
6.	Anni Hakanen, Ville Junnila, Tero Laihonen, Havu Miikonen and Ismael G. Yero	On a Tight Bound for the Maximum Number of Vertices that Belong to Every Metric Basis
7.	Santiago Ravelo and Flavio K. Miyazawa	Packing sets of paths, stars and triangles: tractability and approximability
8.	Cyriac Antony, Jacob Antony, Laavanya D and Devi Yamini S	Graceful coloring is computationally hard
9.	M A Shalu and V K Kirubakaran	Total Domination and Open Packing in Two Subclasses of Triangle-free Graphs
10.	Sangam Balchandar Reddy and Anjeneya Swami Kare	Structural Parameterization of Minus Domination
11.	Zhidan Feng, Henning Fernau, Kevin Mann, Indhumathi Raman and Silas Cato Sacher	Generalized Lettericity of Graphs
12.	Pablo Romero	An algebraic characterization of strong graphs
13.	Pablo Romero	There are finitely many uniformly most reliable graphs of corank 5
14.	Bijo S. Anand, Arun Anil, Manoj Changat, Revathy S. Nair and Prasanth G. Narasimha-Shenoi	Helly Number, Radon Number and Rank in Δ-Convexity on Graphs

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15.	Jannatul Maowa and Robert Benkoczi	A sub-quadratic algorithm for the minsum one sink location problem on balanced binary tree networks
16.	Sheikh Shakil Akhtar, Jayakrishnan Madathil, Pranabendu Misra and Geevarghese Philip	Addressing Bias in Algorithmic Solutions: Exploring Vertex Cover and Feedback Vertex Set
17.	S. Balamoorthy and T. Kavaskar	Spectra of eccentricity matrices of product of graphs
18.	Pradeesha Ashok, Pradyun Devarakonda, Shiven Phogat, Swaroop A Ram Rayala and J A Sherin	Parameterized Complexity of Coupon Coloring of Graphs
19.	Jinghan Xu and Zhiyuan Li	Broadcast Graph Is NP-complete
20.	Sriram Bhyravarapu, Vinod Reddy and Swati Kumari	On the parameterized Complexity of Odd Coloring
21.	Bhawani Sankar Panda, Subhasmita Joshi and Dalu Jacob	Bipartite Domination in Graphs: Complexity and Algorithms
22.	Saraswati Girish Nanoti and Aakash Ghosh	Two Step Graph Protection Game
23.	Aryan Sanghi, Devsi Bantva and Sudebkumar Prasant Pal	Forbidden induced subgraphs in iterative higher order line graphs
24.	Madhura Dutta, Anil Maheshwari and Subhas C. Nandy	Partial Domination in Some Geometric Intersection Graphs
25.	Florent Foucaud, Atrayee Majumder, Tobias Mömke and Aida Roshany-Tabrizi	Polynomial-time algorithms for PATH COVER on trees and graphs of bounded treewidth
26.	Amirali Madani, Anil Maheshwari, Babak Miraftab and Bodhayan Roy	Algorithms and hardness results for the $(3,1)$-cover problem
27.	Arun Kumar Das, Sandip Das, Sk Samim Islam, Ritam M Mitra and Bodhayan Roy	Multipacking in Euclidean Plane
28.	Bhaswar Bhattacharya, Sandip Das, Sk Samim Islam and Saumya Sen	Almost Empty Monochromatic Polygons in Planar Point Sets
29.	Arun Kumar Das	Charging Station Placement for Limited Energy Robots
30.	Karthika D, Muthucumaraswamy R, Sriram Bhyravarapu and Pritesh Kumar	Polynomial time algorithms for Hop domination