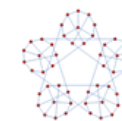




1ST Workshop on Graph Theory, Combinatorics & Applications, GTCA 2019



Day I - October 09, 2019 (E1-G0020 and E1-1027)

8:15 - 8:45	Welcome, Registration & Information			
8:45 - 9:00	Opening			
9:00 - 9:10	Speech by Dean COS			
Session & Time	Speaker	Title	Building	
Plenary Talk 9:10 - 10:10	Volkmar Welker	Orthogonal representations of graphs with a view towards Algebraic Combinatorics	E1-G0020	
10:10-10:30	Coffee Break		E1	
Session 1 10:30 - 11:45	Slamin 10:30 - 10:55	On the local antimagic (total) labelings for vertex coloring of graphs	E1	
	D. G. Thomas 10:55 - 11:20	Liar's Domination in Generalized Petersen Graphs		
	P. Venugopal 11:20 - 11:45	Crossing Number of Certain Networks		
11:45 - 12:00	Break & Workshop Group Photo		E1	
Session 2 12:00 - 1:00	Room No. E1-G0020		Room No. E1-1027	
	J. O. Sharon 12:00 - 12:20	Transmission Dimension and Centrality Measures in Nanosheets	V. Shalini 12:00 - 12:20	Domination Parameters in Recursive Circulant Graphs
	C. Vijayalakshmi 12:20 - 12:40	Implementation of Machine Learning algorithm for the analysis of CRIME data	Gomathi S. 12:20 - 12:40	Radio Antipodal Labeling of Certain Silicate Networks
	P. Natarajan 12:40 - 1:00	Embedding Parameters in Interconnection Networks	P. Sivagami 12:40 - 1:00	On T-coloring of Certain Graphs
1:00 - 2:30	Lunch & Prayer Break		G3	

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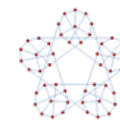


Day I - October 09, 2019 (E1-G0020 and E1-1027)

Session & Time	Speaker	Title		Building
Plenary Talk 2:30 - 3:30	Indra Rajasingh	Wirelength in Interconnection Networks and Chemical Graphs		E1-G0020
3.30 - 4.00	Coffee Break			E1
Session 3 4:00 - 5:00	Room No. E1-G0020		Room No. E1-1027	
	R. Vignesh 4:00 - 4:20	Spectral Radius Bounds for Certain Class of Divisor Function Graphs $G_D(n)$	R. Jayagopal 4:00 - 4:20	r-Locating Domination Number and r-Locating-Total Domination Number in Certain Graphs
	G. Vijayalakshmi 4:20 - 4:40	k -primel abeling of kayak paddle graphs	V. Kumar 4:20 - 4:40	Complex Network Analysis using Graph Optimization Techniques
A. Vijayalakshmi 4:40 - 5:00	On the strong metric dimension of Sierpinski graphs and Sierpinski gasket graphs	J. Anitha 4:40 - 5:00	1-Factor Domination Number in Sierpinski Graph	
6:00 - 8:00	Workshop Dinner (Optional) @ 50 AED each person.			

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Day II – October 10, 2019 (E1-G0020 and E1-1027)

Session & Time	Speaker	Title		Building	
Plenary Talk 9:00 - 10:00	Ismael Gonzalez Yero	Metric dimension in graphs: On a version using distance multisets		E1-G0020	
10:00-10:30	Coffee Break			E1	
Session 1 10:30 - 01:00	Room No. E1-G0020		Room No. E1-1027		Short Break (11:50-12:00)
	S. Pirzada (0:30 - 10:50)	On the upper bounds for the sum of Laplacian eigenvalues of graphs	Juan Carlos Valenzuela 10:30 - 10:50	Introducing the triple Roman domination on graphs	
	Thotsaporn Thanatipanonda 10:50 - 11:10	Rado Numbers of Regular Non-homogeneous Equations	I. Javaid 10:50 - 11:10	Distinguishability approaches and associated parameters in graphs	
	Fozia Farooq Choudhary 11:10 - 11:30	Topological Characterization of Nanosheet Covered by C_3 and C_6	V. Vajnovszki 11:10 - 11:30	Equipopularity of descent-equivalent patterns over descent-equivalence classes of words and permutations	
	R. SHABAN Bhat 11:30 - 11:50	Laplacian energy and Brouwer's conjecture for some graphs	K. M. M. Haque 11:30 - 11:50	On the prime cordial labeling of Mobius Ladder M_n	
	A. G. Ngurah 12:00 - 12:20	The super edge-magic deficiency of graphs	Olga Dashkova 12:00 - 12:20	Locally solvable groups of finite metaabelian rank with the minimality condition for abelian subgroups	
	S. Gayathri 12:20 - 12:40	Crossing number bounds for multiplicative circulants	C. Mohammed 12:20 - 12:40	Improvement combined with (analysis, CSP, Arithmetic analysis and Interval) of Simulations	
	N. Vijaya 12:40 - 01:00	On the crossing number of the join of a six vertex graph with a path and a cycle	J. Sujana 12:40 - 01:00	Edge Forcing in Tree like Architectures	

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01:00 - 02:30	Lunch & Prayer Break	G3
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Day II – October 10, 2019 (E1-G0020 and E1-1027)

Session & Time	Speaker	Title		Building
Plenary Talk 2:30 - 3:30	Riste Škrekovski	Some results and problems on unique-maximum colorings of plane graphs		E1-G0020
3:30 - 4:00	Coffee Break			E1
Session 2 4:00 - 4:40	Room No. E1-G0020		Room No. E1-1027	
	S. Krishnan 4:00 - 04:40	On the strong metric dimension of hex derived networks	G. Boominathan 4:00 - 4:20	On edge domination of certain convex polytopes
	A. Shukoor 4:20 - 4:40	On Structure of General Vague Graph		
				E1

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