



Two Days Workshop on Combinatorics and its Applications

ONLINE

SEPTEMBER 2024

September 10-11, 2024



Shahid Rajaei Teacher
Training University



2-Days Workshop on Combinatorics and Its Applications, September, 2024 (Morning Section)

10 September		11 September	
Time	Speaker	Time	Speaker
8:45-9:10	Opening Ceremony Modjtaba Ghorbani	8:30-9:10	Ami Radunska: What's next in biomathematics? Describing the dynamics ...
9:10-9:50	Wilfried Imrich: Graph products, prime factorization, unique roots, and ...	9:10-9:50	Shariefuddin Pirzada: Euler's formula in planar graphs and regular polyhedra
9:50-10:30	Tao Feng: Disjoint difference families, Banff difference families ...	9:50-10:30	Ismail Naci Cangul: Idempotent total graphs and omega invariant
10:30-11:10	Alireza Abdollahi (first part): Applications of representation theory of finite groups ...	10:30-11:10	Alireza Abdollahi (second part): Applications of representation theory of finite groups...
11:10-11:50	Frank Emmert Straib: Unveiling the Emergence of Complexity Data Science	11:10-11:50	Alain Bretto: Algebraic Invariants of hypergraphs: applications to
11:50-12:30	Matthias Dehmer: Analysis of Complex Networks: Applications and Challenges	11:50-12:30	Mohammad Javad Najafi-Arani: Application of graph theory in some modern industries ...



Two Days Workshop on Combinatorics and its Applications

ONLINE

SEPTEMBER 2024

September 10-11, 2024



Shahid Rajaei Teacher
Training University



2-Days Workshop on Combinatorics and Its Applications, September, 2024 (Afternoon Section)

10 September

Time	Speaker
14:00-14:40	Hassan Alavi: On block designs admitting transitive automorphism groups
14:40-15:20	Enide Andrade: Graph Partition in ℓ_1 -norm and Fiedler Theory
15:20-16:00	Dragan Marusic: On the Automorphism Group of a Graph
16:00-16:20	Somayeh Ashofteh: Derangement Representation of Graphs
16:20-17:00	Tomislav Doslic: Spectral distances of fullerene graphs

11 September

Time	Speaker
14:00-14:40	Saeid Alikhani: Domestic partition and domestic number in graphs
14:40-15:20	Raquel Pinto: On minimality of state-space realizations of convolutional ...
15:20-16:00	Zita Abreu: Constructions of Optimal Convolutional Codes
16:00-16:20	Liu Bowen: Comparison of Two Methods for Calculating Ranking Points ...
16:20-16:40	Closing Ceremony & Online Group Photo