

Yasir Ali

Associate Professor

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About

Dr. Yasir Ali is working as Associate Professor in the College of Electrical & Mechanical Engineering. Dr. Yasir Ali has a PhD in Combinatorial Optimization. Dr. Yasir Ali has published 19 research articles & conference papers having a citation count of 164, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Combinatorial Optimization NUST, Islamabad , Pakistan	2006 - 2012
MSc in Mathematics Quaid-i-Azam University , Pakistan	2002 - 2004
BSc in Maths (A&B) University of the Punjab , Pakistan	2000 - 2002

Experience

Associate Professor College of Electrical & Mechanical Engineering	2021- Present
Assistant Professor College of Electrical & Mechanical Engineering	2012 - 2021

Research Articles

Computational Analysis of Biological Control Agents for Fusarium Wilt Using M-Polynomials <i>Muhammad Imran Jabbar Ali Yasir Ali Quanita Kiran Mehar Ali Malik Muhammad Aqib</i> <i>ACS Omega</i> , Volume:10, Issue: 27, Pages:29180-29193 Impact Factor: 4.3 Quartile: 2 DOI: 10.1021/acsomega.5c01839	2025
Some fixed point results on controlled rectangular partial metric spaces with a graph structure <i>Nayab Alamgir Quanita Kiran Yasir Ali Hassen Aydi</i> <i>Carpathian Mathematical Publications</i> , Volume:17, No. 1, Pages:343-363 Impact Factor: 1.0 Quartile: 2 DOI: 10.15330/cmp.17.1.343-363	2025
On Computing the Topological Invariants of Metal–Organic Networks <i>Muhammad Aqib Mehar Ali Malik Yasir Ali Faisal Qayyum</i> <i>International journal of applied and Computational Mathematics</i> , Volume:10, Issue:1, Article number: 08, Impact Factor: 0 Citations: 1 DOI: 10.1007/s40819-023-01626-z	2023
On topological polynomials and indices for metal-organic and cuboctahedral bimetallic networks <i>Farhana Yasmeen Muhammad Imran Shehnaz Akhter Yasir Ali Kashif Ali</i> <i>Main Group Metal Chemistry</i> , Volume 45, Issue 1, Pages 136-151 Impact Factor: 1.917 Quartile: 3 Citations: 4 DOI: https://doi.org/10.1515/mgmc-2022-0012	2022
On Degree Based Topological Aspects of Some Dendrimers <i>Wang Hui Muhammad Kamran Siddiqui Shehnaz Akhter Sumaira Hafeez Yasir Ali</i> <i>Polycyclic Aromatic Compounds</i> , Pages 1-12 Impact Factor: 2.195 Quartile: 3 Citations: 6 DOI: https://doi.org/10.1080/10406638.2022.2074478	2022

Characterization of Extremal Unicyclic Graphs Using F -Coindex <i>Muhammad Imran YASIR ALI Zainab Bibi Muhammad Saad Ghafar</i> <i>Complexity</i> , Volume 2021, Article ID 8480971, 9 pages Impact Factor: 2.121 Quartile: 2 Citations: 1 DOI: 10.1155/2021/8480971	2021
Topological aspects of metal-organic structure with the help of underlying networks <i>Yasir ali Muhammad Faisal Nadeem Muhammad Imran Hafiz Muhammad Afzal Siddiqui Muhammad Azeem Adnan Khalil</i> <i>Arabian Journal of Chemistry</i> , Volume 14, Issue 6, Article Number 103157 Impact Factor: 6.212 Quartile: 2 Citations: 53 DOI: https://doi.org/10.1016/j.arabjc.2021.103157	2021
Forgotten coindex of some non-toxic dendrimers structure used in targeted drug delivery <i>Yasir ali Zainab Bibi Quanita Kiran</i> <i>Main Group Metal Chemistry</i> , Volume 44, Issue 1, Pages 22–31 Impact Factor: 1.068 Quartile: 3 Citations: 5 DOI: https://doi.org/10.1515/mgmc-2021-0004	2021
Chromatic spectrum of some classes of 2-regular bipartite colored graphs <i>Muhammad Imran Yasir Ali Mehar Ali Malik Kiran Hasnat</i> <i>Journal of Intelligent and Fuzzy Systems</i> , Volume 41, Issue 1, Pages 1125-1133 Impact Factor: 1.737 Quartile: 4 DOI: 10.3233/JIFS-210066	2021
Heat transfer and entropy analysis of Maxwell hybrid nanofluid including effects of inclined magnetic field, Joule heating and thermal radiation <i>Wasim Jamshed Yasir Ali Moniba Shams Asim Aziz</i> <i>Discrete and Continuous Dynamical Systems Series S</i> , Pages 1-24 Impact Factor: 1.233 Quartile: 2 Citations: 76 DOI: 10.3934/dcdss.2020142	2019
The Study of Lattice Structure of Bipartite Stable Matchings With Flexible Agents <i>Yasir Ali Quanita Kiran W. SHATANAWI B. Shaukat</i> <i>IEEE Access</i> , Volume 7, Pages 94666 - 94675 Impact Factor: 3.745 Quartile: 1 Citations: 1 DOI: 10.1109/ACCESS.2019.2926842	2019
EXACT SOLUTION OF MAGNETOHYDRODYNAMIC SLIP FLOW AND HEAT TRANSFER OVER AN OSCILLATING AND TRANSLATING POROUS PLATE <i>Yasir Ali Arshad Alam Khan</i> <i>Discrete and Continuous Dynamical Systems-Series S</i> , Volume 11, Number 4, Pages 1-10 Impact Factor: 0.545 Quartile: 3 Citations: 4 DOI: 10.3934/dcdss.2018034	2018
Pairwise Stability in Two Sided Market with Strictly Increasing Valuation Functions <i>Asma Javaid Yasir ali</i> <i>DISCRETE MATHEMATICS AND THEORETICAL COMPUTER SCIENCE</i> , Volume: 19, Issue: 1, Pages 1-9 Impact Factor: 0.561 Quartile: 4 DOI: 10.23638/DMTCS-19-1-10	2017
Heat Transfer Analysis for Stationary Boundary Layer Slip Flow of a Power-Law Fluid in a Darcy Porous Medium with Plate Suction/Injection <i>Asim Aziz Yasir Ali Taha Aziz J.I. Siddique</i> <i>PLoS ONE</i> , Volume:10, Issue:9, Article Number: e0138855 Impact Factor: 3.057 Quartile: 1 Citations: 10 DOI: 10.1371/journal.pone.0138855	2015
Stability in a job market with linearly increasing valuations and quota system <i>Yasir Ali</i> <i>Turkish Journal of Mathematics</i> , Volume: 39, Issue:3, Pages:427-438 Impact Factor: 0.378 Quartile: 4 DOI: 10.3906/mat-1408-41	2015
Upper and Lower Solutions Method for G-BSDEs in the Reverse Order <i>Faiz Ullah Shahzad Amin Sheikh Yasir Ali Rahmat Ullah</i>	2013

Impact Factor: N/A

DOI: 10.7537/marlsj100213.381

Existence of stable outcome for a job market with linear valuations and possibly bounded salaries

2011

Yasir Ali Rashid Farooq

Pacific Journal of Optimization, Volume: 7, Issue: 3, Pages: 531-550

Impact Factor: 0.527 | Quartile: 3

DOI: <http://www.ybook.co.jp/online2/pjov7-1.html>

Pairwise Stability in a Two-Sided Matching Market with Indivisible Goods and Money

2011

Yasir Ali Rashid Farooq

Journal of the Operations Research Society of Japan, Volume 54, Issue 1, Pages 1-1

Impact Factor: N/A | Citations: 3

DOI: <https://doi.org/10.15807/jorsj.54.1>

Conference Proceedings

Exact solutions of the modeling equations of natural convection and mass transfer of MHD fluid flow over an oscillating and translating porous plate

2018

Yasir Ali Arshad Alam Khan

13th International Symposium on Numerical Analysis of Fluid Flow, Heat and Mass Transfer Numerical Fluids 2018, res.country(88,)

Citations: N/A

DOI: 10.1063/1.5114176

Editorial Activities

Journal of the Brazilian Society of Mechanical Sciences and Engineering

2022

Reviewed Papers for Journals

Impact Factor: 2.361