



Salman Khodayifar

Associate Professor

IASBS, Department of Mathematics

Publications

Journals

- Raayatpanah, Mohammad Ali and Khodayifar, Salman and Weise, Thomas and Pardalos, Panos, "A novel approach to subgraph selection with multiple weights on arcs", Journal of Combinatorial Optimization, Vol. 44, NO. 1, 2022
- Khodayifar, Salman, "Minimum cost multicommodity network flow problem in time-varying networks: by decomposition principle", Optimization Letters, Vol. 15, NO. 3, 2021
- Mirsadeghi, Emad and Khodayifar, Salman, "Hybridizing particle swarm optimization with simulated annealing and differential evolution", Cluster Computing, Vol. 24, NO. 2, 2021
- Khanjani-Shiraz, Rashed and Khodayifar, Salman and Pardalos, Panos M, "Copula theory approach to stochastic geometric programming", Journal of Global Optimization, Vol. 81, NO. 2, 2021
- Sadeghi Bigham, Bahram and Noorizadeh, Fariba and Khodayifar, Salman, "A polynomial time algorithm for big data in a special case of minimum constraint removal problem", Evolutionary Intelligence, Vol. 13, NO. 2, 2020
- Hosseini Nodeh, Zohreh and Babapour Azar, Ali and Khanjani Shiraz, Rashed and Khodayifar, Salman and Pardalos, Panos M, "Joint chance constrained shortest path problem with Copula



theory", Journal of Combinatorial Optimization, Vol. 15, NO. 3, 2020

- Khodayifar, S and Babaloo, D, "Accelerating Benders' Approach for the Scheduling of Charging and Discharging of Electric Vehicles in Smart Grids", Journal of Operational Research In Its Applications (Applied Mathematics)-Lahijan Azad University, Vol. 17, NO. 2, 2020
- Mahmoudi, Mojtaba and Afsharchi, Mohsen and Khodayifar, Salman, "Demand response management in smart homes using robust optimization", Electric Power Components and Systems, Vol. 48, NO. 8, 2020
- Khodayifar, Salman and Raayatpanah, Mohammad Ali and Pardalos, Panos M, "A polynomial time algorithm for the minimum flow problem in time-varying networks", Annals of Operations Research, Vol. 272, NO. 1, 2019
- Khodayifar, S and Raayatpanah, MA and Fouladi, A, "Optimal Coding Subgraph Selection under Survivability Constraint", Journal of Optimization Theory and Applications, Vol. 179, NO. 1, 2019
- Khodayifar, Salman, "A possibility programming approach for integrated supply chain", on Mathematics and Mathematics Education (ICMME 2019), Vol. 179, NO. 1, 2019
- Khodayifar, S and Raayatpanah, MA and Pardalos, PM, "An accelerating Benders' decomposition approach to the integrated supply chain network design with distributed generation", Energy Systems, Vol. 9, NO. 3, 2018
- Khodayifar, Salman and Raayatpanah, Mohammad A and Rabiee, Abbas and Rahimian, Hamed and Pardalos, Panos M, "Optimal long-term distributed generation planning and reconfiguration of distribution systems: An accelerating Benders' decomposition approach", Journal of Optimization Theory and Applications, Vol. 179, NO. 1, 2018



- Fathabadi, Hassan Salehi and Khezri, Somayeh and Khodayifar, Salman, "A simple algorithm for reliability evaluation in dynamic networks with stochastic transit times", Journal of Industrial and Production Engineering, Vol. 32, NO. 2, 2015
- Raayatpanah, Mohammad A and Fathabadi, H Salehi and Khalaj, Babak H and Khodayifar, Salman and Pardalos, Panos M, "Bounds on end-to-end statistical delay and jitter in multiple multicast coded packet networks", Journal of Network and Computer Applications, Vol. 41, NO. 2, 2014
- Raayatpanah, Mohammad A and Fathabadi, H Salehi and Khalaj, Babak H and Khodayifar, Salman, "Minimum cost multiple multicast network coding with quantized rates", Computer Networks, Vol. 57, NO. 5, 2013
- Fathabadi, H Salehi and Khodayifar, S and Raayatpanah, MA, "Minimum flow problem on network flows with time-varying bounds", Applied Mathematical Modelling, Vol. 36, NO. 9, 2012

Conferences

- Khodayifar, Salman, "Some results on dynamic network flows", International Conference on Mathematics and Mathematics Education, Harran University, Turkey, 2017
- Jafari, Y and Madahi, R and Khodayifar, S, "Evaluating the performance of multiple comparable queuing by using DEA", 2nd National Conference on Data Envelopment Analysis, 2010