刘朝晖

所属学院 理学院

学科领域 组合最优化

邮箱 zhliu@ecust.edu.cn

个人简介

Zhaohui Liu is a Professor of Mathematics at East China University of Science and Technology (ECUST). He received his BS degree in Operations Research from Fudan University in 1992, and PhD degree in Applied Mathematics from ECUST in 1998. His principal research interests are in combinatorial optimization and scheduling theory, and he has published a number of papers in Operations Research Letters, European Journal of Operational Research, IIE Transactions, Journal of Combinatorial Optimization, Theoretical Computer Science, and other academic journals.

研究方向

Combinatorial Optimization, Scheduling Theory

研究成果及主要发表文章

1. Z Liu, J Zhan (2020) Online fractional hierarchical scheduling on uniformly related machines, Computers and Operations Research, 113, 104778.

2. Y Yang, Z Liu (2019) Approximating the multiple-depot multiple-terminal Hamiltonian path problem, Discrete Optimization, 34, 100545.

3. W Yu, Z Liu, X Bao (2019) New approximation algorithms for the minimum cycle cover problem, Theoretical Computer Science, 793, 44-58.

4. W Yu, Z Liu (2016) Improved Approximation Algorithms for Some Min-Max and Minimum Cycle Cover Problems, Theoretical Computer Science, 654, 45-58.

5. X Lu, Z Liu (2015) Online hierarchical scheduling on two uniform machines with bounded job sizes, Asia-Pacific Journal of Operational Research, 32(5), 1550032.

6. W Yu, Z Liu, X Bao (2014) Optimal Algorithms for Some Variants of Online Quota Traveling Salesman Problem, European Journal of Operational Research, 238(3), 735-740.

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9. W Yu, Z Liu, L Wang, T Fan (2011) Routing Open Shop and Flow Shop Scheduling Problems, European Journal of Operational Research, 213(1), 24-36.

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