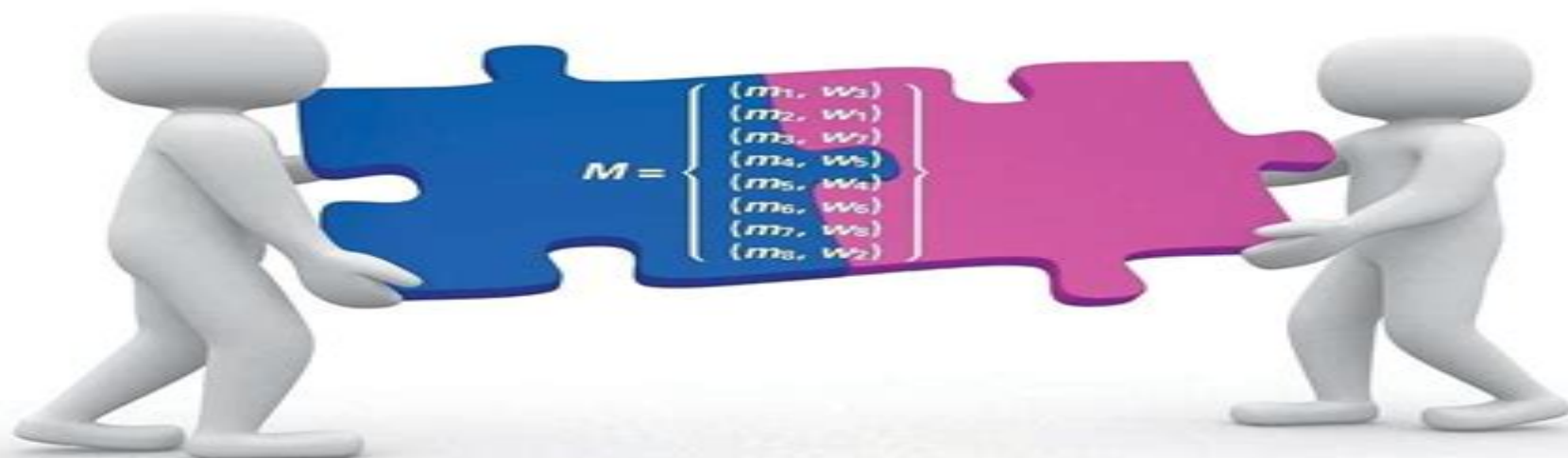


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ALGORITHMICS OF MATCHING UNDER PREFERENCES



David F. Manlove

With a foreword by Kurt Mehlhorn

Algorithmics Of Matching Under Preferences Series On Theoretical Computer Science

Tobias Harks, Max Klimm



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in Augsburg Germany in September 2020 The 21 full papers presented together with 3 abstract papers were carefully reviewed and selected from 53 submissions The papers are organized in topical sections named auctions and mechanism design congestion games and flows over time markets and matchings scheduling and games on graphs and social choice and cooperative games The conference was held virtually due to the COVID 19 pandemic **Algorithms and Complexity** Pinar Heggernes,2019-05-20 This book constitutes the refereed conference proceedings of the 11th International Conference on Algorithms and Complexity CIAC 2019 held in Rome Italy in May 2019 The 30 full papers were carefully reviewed and selected from 95 submissions The International Conference on Algorithms and Complexity is intended to provide a forum for researchers working in all aspects of computational complexity and the use design analysis and experimentation of efficient algorithms and data structures The papers present original research in the theory and applications of algorithms and computational complexity WALCOM: Algorithms and Computation Shin-ichi Nakano,Mingyu Xiao,2025-02-20 This book LNCS 15411 constitutes the refereed proceedings of the 19th International Conference and Workshops on Algorithms and Computation WALCOM 2025 held in Chengdu China during February 28 March 2 2025 The 26 full papers were carefully reviewed and selected from 68 submissions WALCOM 2025 covered a wide range of topics including approximation algorithms algorithmic graph theory and combinatorics algorithmic and combinatorial aspects of logic combinatorial algorithms combinatorial optimization combinatorial reconfiguration computational biology computational complexity computational geometry discrete geometry data structures experimental algorithm methodologies graph algorithms graph drawing parallel and distributed algorithms parameterized algorithms and complexity network optimization online algorithms randomized algorithms and string algorithms Algorithmic Game Theory Ron Lavi,Jie Zhang,2025-10-02 This volume constitutes the refereed proceedings of 18th International Symposium on Algorithmic Game Theory SAGT 2025 held in Bath UK during September 2 5 2025 The 26 full papers included in this book were carefully reviewed and selected from 68 submissions They were organized in topical sections as follows Computational and Algorithmic Aspects of Games Facility Location Fair Division and Resource Allocation Markets and Matching Bayesian Decision Making Mechanism Design and Algorithmic Contracts and Computational Social Choice Graph-Theoretic Concepts in Computer Science Łukasz Kowalik,Michał Pilipczuk,Paweł Rzażewski,2021-09-20 This book constitutes the proceedings of the 47th International Workshop on Graph Theoretic Concepts in Computer Science which was held during June 23 25 2021 The conference was planned to take place in Warsaw Poland but changed to an online event due to the COVID 19 pandemic The 30 full papers included in this volume were carefully reviewed and selected from 73 submissions The conference aims to merge theory and practice by demonstrating how concepts from graph theory can be applied to various areas in computer science or by extracting new graph theoretic problems from applications Chapter Bears with Hats and Independence Polynomials is available open access under a Creative Commons Attribution 4 0 International License via link [springer.com](https://www.springer.com) Chapters 1 6

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