



Preface to the special issue dedicated to the International Conference “Mathematical optimization theory and Operations Research” (MOTOR 2020) held online from July 6 to July 10, 2020

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1 Preface

This special issue contains 11 papers submitted by the participants of the International Conference “Mathematical Optimization Theory and Operations Research” (MOTOR 2020) which was held online from July 6 to July 10, 2020. Like previous MOTOR conferences, this event was intended to bring together researchers and practitioners working in the field of optimization theory, methods, software and related fields.

The conference was organized by Sobolev Institute of Mathematics, Siberian Branch of the Russian Academy of Sciences, Laboratory of Algorithms and Technologies for Networks Analysis, Higher School of Economics, Nizhny Novgorod, N.N. Krasovski Institute of Mathematics and Mechanics, Ekaterinburg, Novosibirsk State University, Melentiev Energy Systems Institute, Irkutsk, and Mathematical Center in Akademgorodok, Novosibirsk.

The papers included to this issue can be partitioned into the following topics:

- theory and methods of continuous optimization,
- optimal control and game theory,
- discrete optimization.

As the guest editors, we would like to cordially thank all authors for their submissions and all the reviewers for their fruitful comments, which helped us to make this

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issue better. We sincerely thank Springer, the Association of European Operational Research Societies, International Foundation of Operational Research Societies, and Russian Operational Research Society for their assistance in holding the conference. Also, we would like to express our appreciation to Sobolev Institute of Mathematics, Prof. V. Beresnev, Prof. Yu. A. Kochetov, and all the Novosibirsk colleagues for organization of the conference. Our special gratitude to the Co-Editors-in-Chief of Optimization Letters, Prof. Oleg A. Prokopyev and Prof. Pavlo Krokhmal for their kind support. We hope that the reader will find the papers of this special issue helpful and enjoyable.

Guest Editors: Panos M. Pardalos, Alexander Kononov, and Vladimir Mazalov

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