FOREWORD

Special Section on Mathematical Systems Science and its Applications

Mathematical systems science (MSS), the study of design, analysis, verification, and control based on mathematical models, is expected to be applied to various engineering and scientific problems. The aim of this special section is to clarify the state of art of research on MMS and to promote the future research.

The editorial committee has received 9 papers and 2 letters, and accepted 5 papers after a careful review process. In particular, this special section invites the following paper:

"Distributed Scheme for Unit Commitment Problem Using Constraint Programming and ADMM" by Yuta Inoue (Osaka University) and Toshiyuki Miyamoto (Osaka University).

This paper won the best paper award among the papers presented at the MSS technical meetings in 2020.

On behalf of the editorial committee of the Special Section on Mathematical Systems Science and its Applications, I would like to express my appreciation to all the authors for their contributions and the referees for their cooperation on the review process. I am also grateful to the following guest associate editors of the editorial committee for their kind cooperation.

Guest Associate Editors of Special Section
  Atsushi Ohta (Aichi Pref. University), Shun Kataoka (Otaru University of Commerce), Takafumi Kanazawa (Setsunan University), Yoshinobu Kawabe (Aichi Institute of Technology), Shoichi Kitamura (Mitsubishi Electric Corporation), Ichiro Toyoshima (Toshiba Energy Systems), Shingo Yamaguchi (Yamaguchi University), Tatsushi Yamasaki (Setsunan University), Jianquan Liu (NEC)

Daisuke Ishii, Guest Editor-in-Chief

Daisuke Ishii *(Member)*   is an associate professor at Japan Advanced Institute of Science and Technology. He received the B.Eng., M.Eng., and Ph.D. degrees in computer science from Waseda University in 2001, 2003, and 2010, respectively. He was a research fellow at INRIA/LINA (2010–2011), a research fellow at NII (2011–2013), an assistant professor at Tokyo Institute of Technology (2013–2015), and a lecturer/associate professor at University of Fukui (2015–2019). His research interests include interval analysis and formal methods for hybrid systems.