
FOREWORD

Special Section on Discrete Mathematics and Its Applications

Discrete mathematics has been applied to various areas in computer science and engineering, and proved to be important as their foundation. This special section is the twenty-ninth in a series that appears in IEICE Transactions on Fundamental of Electronics, Communications and Computer Sciences, aiming at reviewing the latest progress in discrete mathematics and its applications and contributing to the further development in the research field.

The 2019 special section includes twenty-three papers, which cover a variety of topics in discrete mathematics including graphs and networks, cryptography and information security, puzzles, optimization, classification, mechanical design, and distributed algorithms. These papers were selected from twenty-eight submissions with careful reviews by technical experts. We would like to express our sincere appreciation to all the authors for their valuable contributions. We also thank the anonymous reviewers for their voluntary work. As the Guest Editor-in-Chief of this special section, I would like to express my deep thanks to editorial committee members for their considerable efforts. Also, my sincere thanks go to both guest editors.

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Kunihiko Sadakane (*Member*) received B.S., M.S., and Ph.D. degrees from Department of Information Science, The University of Tokyo in 1995, 1997 and 2000, respectively. He was a research associate at Graduate School of Information Sciences, Tohoku University from 2000 to 2003, an associate professor at Faculty of Information Science and Electrical Engineering, Kyushu University from 2003 to 2009, an associate professor at National Institute of Informatics from 2009 to 2014. Since 2014, he has been a professor at The University of Tokyo. His research interest includes information retrieval, data structures, and data compression.

