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## FOREWORD

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### Special Section on Foundations of Computer Science —New Spirits in Theory of Computation and Algorithm—

We are very happy to publish this Special Section on Foundations of Computer Science. This is the twelfth section on this title. The main goal of this series of special section is to review and promote recent progress in the field of foundations of computer science, and we believe that it has greatly contributed to advance research progress in this area with high quality papers.

This year we received seventeen submissions, which is almost as has happened in the past series. At least two reviewers to each paper and at least one reviewer to each letter were assigned. Among those submissions, through careful and strict review process, one letter and seven papers were accepted for publication. Those cover a variety of topics in foundations of computer science.

We deeply appreciate all the authors for their distinguished contribution. We also thank the anonymous reviewers for their voluntary work. Finally but not least, as the Guest Editor-in-Chief of this special section, I would like to express my hearty thanks to the Guest Associate Editors for their hard work and considerable efforts.

Guest Associate Editors:

Toru Araki (Gunma Univ.), Akio Fujiyoshi (Ibaraki Univ.), Kohei Hatano (Kyushu Univ.), Takashi Horiyama (Saitama Univ.), Katsunobu Imai (Hiroshima Univ.), Taisuke Izumi (Nagoya Inst. of Technology), Keiichirou Kusakari (Gifu Univ.), Eiji Miyano (Kyushu Inst. of Technology), Koji Nakano (Hiroshima Univ.), Yoshio Okamoto (The Univ. of Electro-Communications), Hirotaka Ono (Kyushu Univ.), Suguru Tamaki (Kyoto Univ.), Keisuke Tanaka (Tokyo Inst. of Technology), Ryuhei Uehara (Japan Advanced Inst. of Science and Technology), Shigeru Yamashita (Ritsumeikan Univ.), Koichi Yamazaki (Gunma Univ.)

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Yushi Uno, Guest Editor-in-Chief

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**Yushi Uno** (*Member*) received the B.E., M.E. and Ph.D. degrees in Engineering from Kyoto University in 1987, 1989 and 1995, respectively. Currently, he is an associate professor at Department of Mathematics and Information Sciences, Graduate School of Science, Osaka Prefecture University. His research interests include combinatorial optimization, algorithmic graph theory, design and analysis of algorithms, and discrete mathematics. He is a member of Association for Computing Machinery, Operations Research Society of Japan, and Information Processing Society of Japan.

