FOREWORD

Special Section on Foundations of Computer Science —Frontiers of Theory of Computation and Algorithm—

We are happy to publish this Special Section on Foundations of Computer Science. This is the seventeenth section of this title. The main goal of this section is to review and to promote recent progress in the field of foundations of computer science.

This year we received thirteen submissions from Japan and other Asian countries. After careful and strict review process, eight papers and one letter were accepted for publication. Those cover various topics in the foundation of computer science.

We would like to thank all of the authors for submitting their research work. We deeply appreciate the anonymous reviewers for their voluntary work. Finally, as the Guest Editor-in-Chief of this special section, I would like to express my deep thanks to the Guest Editors for their hard work.

Guest Associate Editors:
    Ei Ando (Senshu Univ.), Hideo Bannai (Kyushu Univ.), Jinhee Chun (Tohoku Univ.), Akio Fujiyoshi (Ibaraki Univ.), Takehiro Ito (Tohoku Univ.), Taisuke Izumi (Nagoya Inst. of Technology) Naonori Kakimura (Keio Univ.), Akinori Kawachi (Mie Univ.), Masashi Kiyomi (Yokohama City Univ.), Ryuhei Mori (Tokyo Inst. of Technology), Atsuyoshi Nakamura (Hokkaido Univ.), Hirotaka Ono (Nagoya Univ.), Fukuhito Ooshita (Nara Inst. of Science and Technology), Takahisa Toda (The Univ. of Electro-Communications), Kei Uchizawa (Yamagata Univ.), Masaki Yamamoto (Seikei Univ.)

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Kohei Hatano *(Member)*   received Ph.D. from Tokyo Institute of Technology in 2005. Currently, he is an associate professor at Faculty of Arts and Science at Kyushu University. He is also the leader of the Computational Learning Theory team at RIKEN AIP. His research interests include machine learning, computational learning theory, online learning and their applications.