
FOREWORD

Special Section on Information Theory and Its Applications

The special section on Information Theory and Its Applications of the IEICE Transaction on Fundamentals is devoted to new theoretical developments and techniques in information theory and its applications to real-world problems. This special section has been published annually since 1991.

We received 19 submissions: 15 papers and 4 letters. Some of the submitted papers were originally presented at the 44th Symposium on Information Theory and its Applications (SITA2021) held at Kwansai Gakuin Kaikan, Nishinomiya, Hyogo, Japan during December 8–10, 2021. After a careful review process, the Editorial Committee selected 9 papers and 3 letters, which are classified into the following categories: i) Coding Theory and Techniques, ii) Shannon Theory, iii) Cryptography and Information Security, iv) Communication Theory and Signals, v) Learning, vi) Fundamentals of Information Theory, vii) Spread Spectrum Technologies and Applications, and viii) Sequences.

As the Guest Editor-in-Chief, I would like to thank all authors for submitting their contributions and the anonymous reviewers for their voluntary work to keep the quality of papers high. I am especially grateful to Dr. Takahiro Yoshida and Dr. Gou Hosoya, the Guest Editors, for their considerable voluntary efforts and to the other members of the Guest Editorial Committee for their collaboration and support.

Special Section Editorial Committee Members:

Guest Editors:

Takahiro Yoshida (Nihon Univ.), Gou Hosoya (Waseda Univ.)

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Hiroki Koga, Guest Editor-in-Chief

Hiroki Koga (*Senior Member*) received the B.E., M.E., and D.E. degrees from University of Tokyo in 1990, 1992, and 1995, respectively. He is currently with University of Tsukuba, Ibaraki, Japan.

