

REGULAR PAPERS ISSUE

404 Fusion of Probability Density Functions

By G. Koliander, Y. El-Laham, P. M. Djurić, and F. Hlawatsch

| CONTRIBUTED PAPER | This article provides useful insight into the problem of probability density function fusion by reviewing numerous approaches developed in different disciplines and providing a higher level perspective of the viewpoints and solutions.

454 Signal Processing Using Dictionaries, Atoms, and Deep Learning: A Common Analysis-Synthesis Framework

By C. Zhang and M. van der Baan

| CONTRIBUTED PAPER | This review article shows how sparsity-promoting methods such as basis pursuit, dictionary learning, as well as deep learning all fit within an analysis and synthesis framework.

476 Personal Voice Assistant Security and Privacy—A Survey

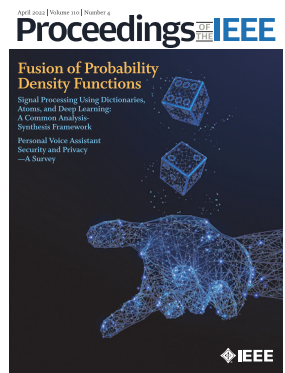
By P. Cheng and U. Roedig

| CONTRIBUTED PAPER | The article summarizes the state of the art in personal voice assistant security and privacy and introduces a taxonomy to structure existing research efforts.

DEPARTMENTS

402 SCANNING THE ISSUE

508 FUTURE SPECIAL ISSUE/SPECIAL SECTIONS



On the Cover:
Our cover image highlights the concept of probability, which is addressed in one of the articles this month.