

Editorial

Modern Compression

MODERN computation and networking environments are struggling to store, communicate and process data in unprecedented volumes. These data, which come in new and evolving structures and formats, necessitate compression, lossless and lossy. Recent years have witnessed the emergence of new techniques, approaches, architectures and modes for data compression. This special issue is dedicated to cutting-edge research geared toward providing information theoretic insight into this space.

We have been impressed by the quality and quantity of the submitted papers. We accepted a total of 19 papers, covering a diverse set of topics. We have clustered the papers and ordered them according to the following themes: Lossless compression, Quantization, Rate-distortion theory, Successive refinement and distributed compression, Neural networks, Control, Security/Privacy, and Computation.

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