

Transactions on Data Hiding and Multimedia Security

Tenth Issue

In this volume we present the tenth issue of the *LNCIS Transactions on Data Hiding and Multimedia Security*, which includes six papers.

The first paper presents a new method to reduce mutual information via embedding watermark in the key controlled wavelet domain. The second paper presents a perceptual image hashing algorithm based on wave atom transform, which can distinguish maliciously attacked images from content-preserving ones. In the third paper, specular reflection for short-wavelength-pass-filter detection is proposed to prevent rerecording screen images. The remaining three papers deal with steganography. While most steganographic research has been done in the field of non-real-time mediums, an algorithm that enables data hiding in G.711, the most commonly used voice codec for VoIP devices, is presented in the fourth paper. The fifth paper addresses adaptive steganography and steganalysis with fixed-size embedding, where a two-player zero-sum game between a steganographer and a steganalyst is analyzed. The sixth paper addresses permutation steganography in the File Allocation Table (FAT) file system.

We hope that this issue will be of great interest to the research community and will trigger new research in the field of data hiding and multimedia security.

Finally, we want to thank all the authors, reviewers, and editors who have devoted their valuable time to the success of this sixth issue. Special thanks go to Springer Verlag and Dr. Alfred Hofmann for their continuous support.

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