

IEEE TRANSACTIONS ON INFORMATION FORENSICS AND SECURITY

A PUBLICATION OF THE IEEE SIGNAL PROCESSING SOCIETY



www.ieee.org/sp/index.html

JUNE 2006

VOLUME 1

NUMBER 2

ITIFA6

(ISSN 1556-6013)

PAPERS

<i>Multimodal Biometric Systems</i>	
Biometrics: A Tool for Information Security	A. K. Jain, A. Ross, and S. Pankanti 125
<i>Iris Scanning and Recognition</i>	
EyeCerts	D. Schonberg and D. Kirovski 144
<i>Theoretical Analyses</i>	
Performance Analysis of Iris-Based Identification System at the Matching Score Level	N. A. Schmid, M. V. Ketkar, H. Singh, and B. Cukic 154
<i>Fingerprint Acquisition, Processing, and Identification</i>	
An Algorithm for Distorted Fingerprint Matching Based on Local Triangle Feature Set	X. Chen, J. Tian, X. Yang, and Y. Zhang 169
<i>Human Identification Based on Face, Hand, or Gait</i>	
Teeth Segmentation in Digitized Dental X-Ray Films Using Mathematical Morphology	E. H. Said, D. E. M. Nassar, G. Fahmy, and H. H. Ammar 178
<i>Network Security</i>	
Reducing Delay and Enhancing DoS Resistance in Multicast Authentication Through Multigrade Security	Q. Li and W. Trappe 190
<i>Validation of Forensic Evidence</i>	
Digital Camera Identification From Sensor Pattern Noise	J. Lukas, J. Fridrich, and M. Goljan 205

(Contents Continued on Back Cover)

<i>Signal and Data Authentication</i>	
Robust and Secure Image Hashing	A. Swaminathan, Y. Mao, and M. Wu 215
<i>Fingerprinting and Traitor Tracing</i>	
Joint Coding and Embedding Techniques for Multimedia Fingerprinting	S. He and M. Wu 231
The Boneh–Shaw Fingerprinting Scheme is Better Than We Thought	H. G. Schaathun 248
<i>Spread-Spectrum Methods</i>	
Efficient Spatial Image Watermarking via New Perceptual Masking and Blind Detection Schemes	I. G. Karybali and K. Berberidis 256
<i>Steganography and Steganalysis</i>	
Steganalysis for Markov Cover Data With Applications to Images	K. Sullivan, U. Madhow, S. Chandrasekaran, and B. S. Manjunath 275

EDICS—Editor’s Information Classification Scheme	288
Information for Authors	289

ANNOUNCEMENTS

Call for Papers—IEEE Signal Processing Society Special Issue on Adaptive Waveform Design for Agile Sensing and Communication	291
Call for Papers—IEEE Signal Processing Society Network-Aware Multimedia Processing and Communications	292
