

Table of Contents

Super-resolving a Single Blurry Image Through Blind Deblurring Using ADMM <i>Xiangrong Zeng, Yan Liu, Jun Fan, Qizi Huangpeng, Jing Feng, Jinlun Zhou, and Maojun Zhang</i>	1
Tongue Recognition From Images <i>Ryszard S. Choras</i>	6
Impact of Redundancy and Gaussian Filtering on Contourlet-Based Texture Retrieval <i>Nadia Baaziz and Momar Diop</i>	11
FPGA-aware Transformations of LLVM-IR <i>Franz Richter-Gottfried, Sebastian Hain, and Dietmar Fey</i>	15
Automatic Elimination of High Amplitude Artifacts in EEG Signals <i>Ana Rita Teixeira, Ana Maria Tome, and Isabel Maria Santos</i>	21
Analysis of Emotions in Vowels: a Recurrence Approach <i>Angela Lombardi and Pietro Guccione</i>	27
Efficient Clustering and on-board ROI-based Compression for Hyperspectral Radar <i>Rossella Giordano, Angela Lombardi, and Pietro Guccione</i>	33
Uncompressed Full HD Video Transmission using Uncoded OFDM over Multipath Fading Channels at 60 GHz <i>Rodolfo Gomes, Rafael Caldeirinha, and Akram Hammoudeh</i>	39
A Method to Separate Musical Percussive Sounds Using Chroma Spectral Flatness <i>Francisco Jesus Canadas-Quesada, Pedro Vera-Candeas, Nicolas Ruiz-Reyes, Antonio Munoz-Montoro, and Francisco Javier Bris-Penalver</i>	44
Time to Digital Converter Transfer Function Improvement Using Poisson Process Events <i>Thimothe Turko, Anastasia Skilitsi, Wilfried Uhring, Jean-Pierre Le Normand, Norbert Dumas, Foudil Dadouche, and Jeremie Leonard</i>	50
On the Singular Steady-state Output in Discrete-time Linear Systems <i>Manuel Ortigueira</i>	54
An Improved Empirical Mode Decomposition for Long Signals <i>Jose Luis Sanchez, Manuel Ortigueira, Raul Rato, and Juan Trujillo</i>	58