

Table of Contents

Synchronization Techniques in Distributed Multimedia Presentation <i>Shahab Ud Din and Dick Bulterman</i>	1
Low Complexity Multiple Candidate Motion Estimation Based on Constrained One-bit Transforms <i>Changryoul Choi and Jechang Jeong</i>	10
Popularity Based Distribution Schemes for P2P Assisted Streaming of VoD Contents <i>Sasho Gramatikov, Fernando Jaureguizar, Julian Cabrera, and Narciso Garcia</i>	14
A Domain Pool Classification Method for Better Fractal Volume Compression <i>Mihai Popescu, Mihai Pancu, and Razvan Tudor Tanasie</i>	20
Video Casting Application Oriented Key Exchange <i>Abdullah Rashed and Henrique Santos</i>	24
Multi-Connected Ontologies <i>Philip Davies, David Newell, Abigail Davies, and Damla Karagozlu</i>	29
Adaptive Virtualisation for Multi Modal Learning Objects <i>David Newell, Philip Davies, Suzy Atfield-Cutts, and Andrew Yearp</i>	37
Towards Distributing Multimedia Applications on a Virtualized Cloud Infrastructure <i>Mak Sharma, David Newell, Philip Davies, and Benjamin Todd</i>	44
Similarity Search by Earth Movers Distance using Nonmetric Ground Distances <i>Jakub Lokoc, Tomas Skopal, Christian Beecks, and Thomas Seidl</i>	50
File Size Comparisons of Modeled and Pixel-Based Video in Five Scenarios <i>Juergen Wuenschmann, Christian Feller, and Albrecht Rothermel</i>	56
A Q-Learning Approach to Decision Problems in Image Processing <i>Alexandru Gherega, Monica Radulescu, and Mihnea Udrea</i>	60
A Video Semantic Annotation System Based on User Attention Analysis <i>Jin-Young Moon, Chang-Seok Bae, and Wan-Chul Yoon</i>	67
Video Retrieval by Managing Uncertainty in Concept Detection using Dempster-Shafer Theory <i>Kimiaki Shirahama, Kenji Kumabuchi, and Kuniaki Uehara</i>	71
A Database of Artificial Urdu Text in Video Images with Semi-Automatic Text Line Labeling Scheme	75

<i>Imran Siddiqi and Ahsen Raza</i>	
Text Driven Recognition of Multiple Faces in Newspapers <i>Nicola Adami, Sergio Benini, and Riccardo Leonardi</i>	82
Optimisation of JPEG XR Quantisation Settings in Iris Recognition Systems <i>Kurt Horvath, Herbert Stogner, and Andreas Uhl</i>	88
The Design of an Adaptive Multimedia Presentation System <i>Nick Rowe</i>	94
Image rotation rectification in stereoscopic 3D on multi-core architectures <i>Ivan Velcirov, Cormac Brick, Marius Predut, and Valentin Muresan</i>	101
CrossTale: Shared Narratives as a New Interactive Medium <i>Joaquim Colas, Alan Tapscott, Ayman Moghnieh, and Josep Blat</i>	106
Silent Voice Elements for Text Input <i>Peng Teng and Yunde Jia</i>	112
Summarization of Real-Life Events Based on Community-Contributed Content <i>Manfred Del Fabro, Anita Sobe, and Laszlo Boszormenyi</i>	119
Healthcare Multimedia Application for Multi-modal Mobile Device Interaction <i>Marek Penhaker and Jan Kijonka</i>	127
Distribute the Video Frame Pixels over the Streaming Video Sequence as Sub-Frames <i>Hussein Muzahim Aziz, Markus Fiedler, Hakan Grahn, and Lars Lundberg</i>	133
A Robust and Fast Gesture Recognition Method for Wearable Sensing Garments <i>Ali Boyali and Manolya Kavakli</i>	142
Influence of culture in gesture behavior between Anglo-Celtic and Latin-Americans. <i>Karime Nasser Alvarez and Manolya Kavakli</i>	148
Automatic Discovery and Composition of Multimedia Adaptation Services <i>Jean-Claude Moissinac</i>	155