

Roya Choupani

Publications

1. R. Choupani, S. Wong, M. Tolun, "A syntactic learning method for hand gesture recognition" Proceedings of the 5th WSEAS Int. Conf. on Signal, Speech and Image Processing, Corfu, Greece, August 17-19, pp231-235, 2005
2. R Choupani, S Wong, MR Tolun, "Main Issues in Scalable Video Coding: A Review", IPCV, 497-505, 2007.
3. R Choupani, S Wong, MR Tolun, "Weighted Embedded Zero Tree for Scalable Video Compression", IPCV, 681-684, 2008.
4. R. Choupani, S. Wong, M. Tolun, "Multiple Description Scalable Coding for Video Transmission over Unreliable Networks", LNCS, SAMOS 2009, Greece
5. R. Choupani, S. Wong, M. Tolun, "A Drift-Reduced Hierarchical Wavelet Coding Scheme for Scalable Video Transmissions", MMEDIA 2009, France
6. R. Choupani, S. Wong, M. Tolun, "Scalable Video Transmission Over Unreliable Networks using Multiple Description Wavelet Coding", 7th International Conference on Digital Content, Multimedia Technology and its Applications, 2011, South Korea
7. R. Choupani, S. Wong, M. Tolun, "Adaptive Embedded Zero Tree for Scalable Video Coding", The World Congress on Engineering London, 2011, UK
8. R. Choupani, S. Wong, M. Tolun, "Multiple Description Coding for SNR Scalable Video Transmission Over Unreliable Networks", Journal of Multimedia Tools and Applications, Springer, 2012
9. R. Choupani, S. Wong, M. Tolun, "Unbalanced Multiple Description Wavelet Coding for Scalable Video Transmission", Journal of Electronics Imaging, SPIE, 2012
10. R. Choupani, S. Wong, M. Tolun, "Optimized Multiple Description Coding for Temporal Video Scalability", Advances in Computational Science, Engineering and Information Technology, Springer International Publishing, 167-176, 2013.
11. R. Choupani, S. Wong, M. Tolun, "Spatial multiple description coding for scalable video streams", International Journal of Digital Multimedia Broadcasting 2014
12. R Choupani, S. Wong, M. R. Tolun, "Hierarchical SNR Scalable Video Coding with Adaptive Quantization for Reduced Drift Error", VISAPP (1), 117-123, 2015.
13. R. Choupani, S. Wong, M. Tolun, "Drift-free video coding for privacy protected video scrambling", 10th International Conference on Information, Communications and Signal Processing (ICICS), 2015
14. R. Choupani, S. Wong, M. Tolun, "Using wavelet transform self-similarity for effective multiple description video coding", 10th International Conference on Information, Communications and Signal Processing (ICICS), 2015