【Curriculum Vitae】

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・Teaching Courses: Signal and System、Digital Signal Processing

・The Highest Education Degree: PhD: Department of Electrical Engineering, National Taiwan University

・Research Area: Signal Processing、Computer Vision

・Recent Publications

Journal:
1. Ting, Yu-Liang, Yaming Tai, and Jun-Horng Chen (2016, Jan). Transformed telepresence and its association with learning in computer-supported collaborative learning: a case study in English learning and its evaluation, Interactive Learning Environments, 1-15(SCI)
2. Wen-Hui Chen, Jun-Horng Chen, Shih-Chun Shao (2012, Apr). Data Preprocessing Using Hybrid General Regression Neural Networks and Particle Swarm Optimization for Remote Terminal Units.International Journal of Control, Automation, and Systems, 10(2), 407-414. (SCI).

3. Jun-Horng Chen (2008, Aug). Robustness Analysis of M-ary Quantization Based Watermarking. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, E91-A, P.2248-2251. (SCI). NSC 95-2221-E-161-003.
4. Soo-Chang, Pei, Jun-Horng, Chen (2006, Dec). Robustness Enhancement for Noncentric Quantization-Based Image Watermarking. IEEE Transactions on Circuits and Systems for Video Technology, Vol.16, P.1507-P.1518. (SCI).
5. Soo-Chang, Pei Jun-Horng, Chen (2004, Apr). A Robust Blind Image Watermarking Scheme Based on Vector Quantization. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, Vol. E87-A, No. 4, pp. 912 – 919. (SCI).

Conference Proceedings:

1. Jun-Horng Chen, I-Lin Tang, Chun-Hsuan Chang (2015, Aug). Enhancing the Detection Rate of Inclined Faces. The 9th IEEE International Conference on Big Data Science and Engineering , Helsinki, Finland.
2. Jun-Horng Chen (2014, Oct). Improving The Accuracy Of Face Detection For Damaged Video And Distant Targets. The 6th International Conference on Neural Computation Theory and Applications, Rome, Italy.
3. Chin-Lun Lai, Jun-Horng Chen, Jing-Ying Hsu and Chih-Hong Chu (2013, Oct). Spoofing face detection based on spatial and temporal features analysis. 2013 IEEE 2nd Global Conference on Consumer Electronics, Japan.
4. Jun-Horng Chen, Chin-Lun Lai, Chih-Hong Chu, and Jing-Ying Hsu (2013, Oct). Improving accuracy of facial recognition systems for distant targets. 2013 IEEE 2nd Global Conference on Consumer Electronics, Japan.
5. Jun-Horng Chen (2013, Jul). AN IMPROVED SPATIAL ERROR CONCEALMENT BY MATRIX COMPLETION. The 15th IASTED International Conference on Signal and Image Processing (SIP 2013), Canada.
6. Jun-Horng Chen, Teng-Hui Tseng, Chin-Lun Lai, Sheng-Ta Hsieh (2012, Sep). An Intelligent Virtual Fence Security System for the Detection of People Invading. The 9th International Conference on Ubiquitous Intelligence Computing, Fukuoka Japan. NSC 101-2221-E-161-009.
7. Sheng-Ta Hsieh, Chih-Dao Chen, Jun-Horng Chen, Chin-Lun Lai, Yu-Long Syu (2012, Sep). An Expert System Application for Respiratory Infection Diagnostic. The 9th International Conference on Ubiquitous Intelligence Computing, Fukuoka Japan.
8. Teng-Hui Tseng, Chin-Lun Lai, Sheng-Ta Hsieh, Jun-Horng Chen (2012, Sep). An Intelligent Accessing Control System Based on Human Intention Analysis. The 9th International Conference on Ubiquitous Intelligence Computing, Fukuoka Japan.
9. Yi-Ping Wu, Jun-Horng Chen (2012, Sep). A Surveillance System Designed for the Correction of Sitting Posture in Writing. The 9th International

Conference on Ubiquitous Intelligence Computing, Fukuoka Japan. NSC 101-2221-E-161-009.

10. Shih-Chun Shao, Jun-Horng Chen (2011, Apr). A novel error concealment approach based on general regression neural network. Proceedings of 2011 International Conference on Consumer Electronics, Communications and Networks (CECNet 2011), China.

11. Soo-Chang Pei, Hsin-Hua Liu, and Jun-Horng Chen (2009, Nov). Color Quantization by 3D Spherical Fibonacci Lattices. Proceedings of The 16th IEEE International Conference on Image Processing (ICIP2009).

12. Jun-Horng, Chen (2009, Apr). An Improved Intra-Frame Error Concealment for H.264/AVC Using Digital Watermarking. Proceedings of The 13th IEEE International Symposium on Consumer Electronics (ISCE2009).

13. Jun-Horng Chen (2008, Aug). Robustness Enhancement of Quantization-Based Image Watermarking by Preserving Local Spatial Characteristics. Proceedings of International Wireless Communications and Mobile Computing Conference (IWCMC 2008). NSC 95-2221-E-161-003.

14. Chen, Y.H., Jun-Horng Chen, Peng Chia Hsien, Dau-Chyrh Chang, Jung-Hao Huang (2008, Jun). Performance evaluation of mobile WiMAX beam forming network implemented by RF digital step attenuators. The 14th European Wireless Conference (2008 EW), Czech Republic.

15. Soo-Chang, Pei, Jun-Horng, Chen (2006, Jun). Color Image Watermarking by Fibonacci Lattice Index Modulation. Proceedings of the The 3rd European Conference on Colour in Graphics, Imaging, and Vision.

16. Soo-Chang, Pei Jun-Horng, Chen (2002, Apr). Improved watermarking scheme by reference signal mingling. Proceedings of SPIE Volume: 4675, Security and Watermarking of Multimedia Contents IV.