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所有發表期刊論文、研討會論文及著作

Journal Papers

1. J. D. Wei, Y. J. Lin and Y. J. Wu, "A Patch Analysis Method to Detect Seam Carved Images," Pattern Recognition Letters, Vol. 36, pp.100-106, Jan., 2014
2. J. D. Wei and H. C. Tsai, "Recognition by Online Modeling - A New Approach of Recognizing Voice Signals in Linear Time," World Academy of Science, Engineering and Technology, Vol. 53, pp. 464-467, May 2011
3. H. L. Chan, C. L. Wang, S. C. Fang, P. K. Chao and J. D. Wei, "Recognition of Ventricular Extrasystoles Over the Reconstructed PhaseSpace of Electrocardiogram," Annals of Biomedical Engineering, Vol. 38, No. 3, pp. 813-823, March 2010.
4. J. D. Wei, M. H. Tsai, G. C. Lee, J. H. Huang and D. T. Lee, "GeoBuilder: A Geometric Algorithm Visualization and Debugging System for 2D and 3D Geometric Computing," IEEE Transactions on Visualization and Computer Graphics, Vol. 15, No. 2, pp. 234-248, March 2009.
5. Jyh-Da Wei and D. T. Lee, "Priority-Based Genetic Local Search and its Application to the Traveling Salesman Problem," Lecture Notes in Computer Science 4274, pp. 424-432, Oct. 2006.
6. Jyh-Da Wei and Chuen-Tsai Sun, "Simulation of Hysteresis Systems using a Piecewise Polynomial Function," IEEE Signal Proceeding Letters, vol. 9, No. 7, pp. 207-210, July 2002.
7. Jyh-Da Wei and Chuen-Tsai Sun, "Varying Appearance Speed Problem in System Modeling and a Solution via Rate Independent Memory," IEICE Transactions on Fundamentals of Electronics Communications and Computer Sciences, vol. E85-A, No. 5, pp. 1119-1128, May 2002.
8. Jyh-Da Wei and Chuen-Tsai Sun, "Constructing Hysteretic Memory in Neural Networks," IEEE Transactions on Systems, Man and Cybernetics, Part B, vol. 30, pp. 601-609, Aug. 2000.

Conference Papers

1. Cih-Yih Mao and Jyh-Da Wei, "A 2D to 3D image Conversion Method Using Delaunay Triangulation and Neural Networks," in Proc. 2014 International Conference on e-Commerce, e-Administration, e-Society, e-Education, and e-Technology (e-CASE & e-Tech 2014), Nagoya, Japan, Apr. 2-4, 2014. Poster p.38
2. Jyh-Da Wei, Che-Wen Chang and Hui-Jun Cheng, "Seam Carved Image Detection by Hopfield Networks," in Proc. 2013 International Joint Conference on Neural Networks (IJCNN 2013), Dallas, TX, Aug. 4-9, 2013. Poster p.375
3. Jyh-Da Wei, Yu-Ju Lin, Yi-Jing Wu and Li-Wei Kang, "A Patch Analysis Approach for Seam Carved Image Detection," in Proc. 40th International Conference and Exhibition on Computer Graphics and Interactive Techniques (ACM SIGGRAPH 2013), Anaheim, CA, Jul. 21-25, 2013. pp. 54:1-54:1

4. Hui-Jun Cheng and Jyh-Da Wei, "Seam Carved Image Detection Using a Patch Analysis Method," in Proc. 2013 International Conference on e-Commerce, e-Administration, e-Society, e-Education, and e-Technology (e-CASE & e-Tech 2013), Kitakyushu, Japan, Apr. 3-5, 2013. pp. 1712-1721
5. Jyh-Da Wei, Yi-Jing Wu, and Li-Wei Kang, "A Patch Analysis Approach to Detecting Seam Carved Images," in Proc. 2012 IPPR Computer Vision, Graphics, and Image Processing (CVGIP2012), Nantou, Taiwan, August 12-14, 2012.
6. Chih-Yang Lin, Li-Wei Kang, Kahlil Muchtar, *Jyh-Da Wei and Chia-Hung Yeh, "Image Copy Detection via Dictionary Learning and Sparse Coding," in Proc. 2012 International Conference on Information Security and Intelligent Control (ISIC 2012), Yunlin, Taiwan, Aug. 14-16, 2012.
7. Li-Wei Kang, Kahlil Muchtar, Jyh-Da Wei, Chih-Yang Lin, Duan-Yu Chen, and Chia-Hung Yeh, "Privacy-Preserving Multimedia Cloud Computing via Compressive Sensing and Sparse Representation," in Proc. 2012 International Conference on Information Security and Intelligent Control (ISIC 2012), Yunlin, Taiwan, Aug. 14-16, 2012.
8. L. W. Kang, C. Y. Lin, J. D. Wei, Y. S. Chen, H. C. Cheng, Y. C. Lin, M. H. Shen, and C. H. Yeh, "Secure trans-sensing for compressively sensed multimedia signals over cloud environment," in Proc. National Symposium on Telecommunications, Hualien, Taiwan, 2011 (NST2011).
9. H. C. Chen and J. D. Wei, "Using Neural Networks for Evaluation in Heuristic Search Algorithm," in Proc. 25th AAAI Conference on Artificial Intelligence (AAAI 2011), San Francisco, CA, Aug. 7-11, 2011. pp. 1768-1769.
10. J. D. Wei and H. C. Tsai, "Recognition by online modeling - a new approach of recognizing voice signals in linear time," in Proc. International Conference on Digital Signal Processing (ICDSP 2011), Paris, France, Jun. 24-26, 2011, Vol. 77, pp. 464-467.
11. J. D. Wei, T. Y. Chen, T.Y. Tung and D. T. Lee, "Integration of a Concept Map Generator and a Knowledge-Portal-Based E-Learning System," in Proc. 2009 World Congress on Computer Science and Information Engineering (CSIE 2009), Los Angeles, CA, March 31- April 2, 2009. pp. 356-360
12. J. D. Wei, T. Y. Chen, T.Y. Tung and D. T. Lee, "Concept Map Supported E-Learning Implemented on Knowledge Portal Systems," in Proc. 15th International Conference on Distributed Multimedia Systems (DMS 2009), San Francisco, CA, Sep. 10- 12, 2009. pp. 266-270.
13. Jyh-Da Wei, T. Y. Tung, T. Y. Chen and D. T. Lee, "Integration of Knowledge Management and E-Learning -- An Implementation towards Learning by Teaching," in Proc. 2007 International Conference on Information and Knowledge Engineering (IKE 2007), Las Vegas, Nevada, June 25-28, 2007. pp. 414-420.
14. Jyh-Da Wei, T. Y. Chen, T. Y. Tung and D. T. Lee, "A Visualization Tool to Construct the Reference-Based Relation Map for Group Knowledge of a Knowledge Portal," in Proc. 2007 IEEE International Conference on Information Reuse and Integration (IRI 2007), Las Vegas, Nevada, Aug. 13-15, 2007. pp. 304-310.

15. M. H. Tsai, Jyh-Da Wei, J. H. Huang and D. T. Lee, "A Portable Geometric Algorithm Visualization System with Dynamic Camera Positioning for Tracking 3D Objects," in Proc. 22nd Annual ACM Symposium on Computational Geometry (SOCG06), Sedona, Arizona, June 5-7, 2006. pp. 479-480.
16. M. Y. Chen, Jyh-Da Wei, J. H. Huang and D. T. Lee, "Design and Applications of an Algorithm Benchmark System in a Computational Problem Solving Environment," in Proc. 11th Annual Conference on Innovation and Technology in Computer Science Education (ITiCSE06), Bologna, Italy, June 26-28, 2006. pp. 123-127.
17. Y. L. Lin, Jyh-Da Wei, G. C. Lee and D. T. Lee, "A Visualization Tool for the Sitemap of a Knowledge Portal and the Concept Map of Group Knowledge," in Proc. 5th Annual Int'l Conference for Knowledge Management (I-Know'05), Graz, Austria, June 29- July 1, 2005. pp. 179-186.
18. Jyh-Da Wei and D. T. Lee, "A New Approach to the Traveling Salesman Problem using Genetic Algorithms with Priority Encoding," in Proc. 2004 IEEE Congress on Evolutionary Computation (CEC04), Portland, Oregon, June 20-23, 2004. Vol. 2, pp. 1457 - 1464.
19. C. T. Sun and Jyh-Da Wei, "A Neural Network for Modeling Systems with Hysteresis," in Proc. 1997 IEEE International Conference on System, Man, and Cybernetics, invited paper, Orlando, USA, Oct. 1997.
20. Jyh-Da Wei and C. T. Sun, "A Neural Network Model of Hysteresis," in Proc. 1996 Asian Fuzzy Systems Symposium, 1996. Soft Computing in Intelligent Systems and Information Processing, 1996. pp. 412-417.
21. 魏志達, 李政池, 李德財, 演算法問題協力解題環境之研究與開發。第三屆兩岸三院信息技術與應用交流研討會 (2005 Symposium on IT and Application Exchange) 中國內蒙古自治區海拉爾市, 2005年6月, 頁次 270-294. (Invited Speaker)

Book Chapter

Jyh-Da Wei, "Approaches to the Travelling Salesman Problem Using Evolutionary Computing Algorithms," in F. Greco edited "Traveling Salesman Problem", pp. 63-74, September 2008, IN-TECH (ISBN: 978-953-7619-10-7).