

何光辉, 博士, 教授, 硕士生导师, 重庆市工业与应用数学常务理事, 全国大学生数模竞赛专委会成员, 重庆市大学生数模竞赛专委会成员, 重庆市认知学会常务理事。

教育背景

重庆大学数学学士、计算机科学与技术硕士和博士

研究方向

研究方向为数据挖掘、模式识别、小波分析

科研项目

主研国家自然科学基金、省部级教改、科研等项目10余项

专著、译著和教材等

1. Guanghai He, Zhang Lingfeng, Shang Zhaowei, Correlation-Based Multidimensional Scaling for Unsupervised Subspace Learning, *International Journal of Wavelets, Multiresolution and Information Processing*, 2012, v10(3).
2. Guanghai He, Yuanyan Tang, Taiping Zhang, Bionic Face Recognition Using Gabor Transformation, *International Journal of Pattern Recognition and Artificial Intelligence*, 2011, 25(3).
3. Guanghai He, Yuanyan Tang, TaipingZhang, A novel approach for face recognition based on weightiness image partition, **3rd International Conference on Bioinformatics and Biomedical Engineering, iCBBE 2009.**
4. Guanghai He, Yuanyan Tang, TaipingZhang, Weightiness image partition in 3D face recognition, **2009 IEEE International Conference on Systems, Man and Cybernetics, SMC 2009.**
5. Guanghai He,, Shang Zhaowei, Hengxin Chen, Distance-ratio learning for data visualization, *International Journal of Wavelets, Multiresolution and Information Processing*. Vol. 10, No. 6 (2012) 1250055 (11 pages)..
6. Taiping Zhang, Bin Fang, Yuan Yan Tang, Guanghai He, and Jing Wen, Topology preserving non-negative matrix factorization for face recognition, *IEEE Transactions on Image Processing*, 2008, 17(4), pp. 574-584.
7. Taiping Zhang, Bin Fang, Yuan Yan Tang, Guanghai He. A Least-Squares Model to Orthogonal Linear Discriminant Analysis, *International Journal of Pattern Recognition and Artificial Intelligence*, 2010, 24(4), pp. 635-650.
8. Taiping Zhang, Bin Fang, Weining Liu, Yuan Yan Tang, Guanghai He, and Jing Wen, Total variation norm-based nonnegative matrix factorization for identifying discriminant representation of image patterns, *Neurocomputing*, 2008, 71(10-12), pp. 1824-1831.

主讲课程

《数值分析》
《高等数学》
《数据结构》

获奖情况