

基本信息

教育背景

研究方向

代表论著

学术成就

基本信息

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教育背景

- ▣ 1996年-1999年，中国科学院自动化研究所，获工学博士学位
- ▣ 1993年-1996年，大连理工大学，自动化系，获工学硕士学位
- ▣ 1989年-1993年，大连理工大学，自动化系，获工学学士学位

研究方向

- 模式识别、图像与视频处理、字符识别

代表论著

- [1] Chunheng Wang, Baihua Xiao and Ruwei Dai, "Parallel compact integration in handwritten Chinese character recognition," Science in China, Ser. F: Information Sciences, Vol. 47, No. 1, pp. 89-96, 2004.
- [2] Minhua Li, Meng Bai, Chunheng Wang and Baihua Xiao, "Conditional random field for text segmentation from images with complex background," Pattern Recognition Letters, Vol. 31, No. 14, pp. 2295-2308, 2010.
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- [4] Baihua Xiao, Chunheng Wang and Ruwei Dai, "Metasynthetic approach for handwritten Chinese character recognition," International Journal of Information Technology & Decision Making, Vol. 1, No. 4, pp. 621-634, Dec. 2002.
- [5] Chunheng Wang, Baihua Xiao and Ruwei Dai, "A new integration scheme with multi-layer perceptron networks for handwritten Chinese character recognition," in Proc. 15th ICPR2000, Barcelona, pp. 965-968.
- [6] Chunheng Wang, Yoshinobu Hotta, Misako Suwa and Satoshi Naoi, "Handwritten Chinese address recognition," in Proc. 9th International Workshop on Frontiers in Handwriting Recognition (IWFHR-9), Tokyo, Oct. 2004, pp. 539-544.
- [7] Guanggang Geng, Chunheng Wang and Qiudan Li, "Improving web spam detection with re-extracted features," WWW 2008, pp. 1119-1120.
- [8] Kanghua Hui and Chunheng Wang, "Clustering-based locally linear embedding," in Proc. International Conference on Pattern Recognition, Dec. 2008, Tampa, Florida, USA.
- [9] Aiwen Jiang, Chunheng Wang and Baihua Xiao, "A new biologically inspired feature for scene image classification," in Proc. International Conference on Pattern Recognition (ICPR), Turkey, 2010, pp. 758-761 (Oral).
- [10] Rongguo Zhang, Chunheng Wang, Baihua Xiao, "Data transformation of the histogram feature in object detection," in Proc. International Conference on Pattern Recognition (ICPR), Turkey, 2010, pp. 2893-2896.

主要学术成就

- ▶ 《自动化学报》编委
- ▶ 中科院自动化所学术委员会委员
- ▶ 发明专利：一种文档图像二值化方法，申请号：200610003579.2，授权号：ZL200610003579.2
- ▶ 发明专利：一种多分辨率退化字符自适应识别系统及方法，申请号：200610112886.4，授权号：ZL200610112886.4

- ▶ 软件著作权：计算机自动阅卷开发包系统V1.0. 2007, 登记号：2007SRBJ3008
- ▶ 软件著作权：计算机自动阅卷系统V1.0.2007, 登记号：2007SRBJ2740
- ▶ 发明专利：一种基于局部近邻稀疏表示的目标识别方法, 申请号：201010143009.X
- ▶ 发明专利：一种实现场景图像分类方法, 申请号：2010101444745
- ▶ 发明专利：一种场景图像的全局结构信息特征的提取方法, 申请号：2010101444919
- ▶ 软件著作权：综合版面分析与测试系统V1.0, 证书号：2007SRBJ1771

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