刘光灿（教授） 37

性别：男　　　　　　　　　所在单位：自动化学院

搜 索

个人简介

学习与工作经历：

教育经历：

2000.9 至 2004.7　　　上海交通大学　　数学与应用数学　　本科

2004.9 至 2010.7　　　上海交通大学　　计算机科学与技术　　博士

工作经历：

2010.9 至 2011.12	National University of Singapore	Research Fellow
2012.2 至 2013.2	University of Illinois at Urbana-Champaign	Research Associate
2013.5 至 2014.7	Cornell University	Research Associate
2014.8 至 今	南京信息工程大学	教授

社会兼职：

担任国际SCI期刊Neurocomputing的编委、10多个国际主流会议的程序委员会委员、及20余种国际主流期刊的论文评审专家。

研究领域：

模式识别、计算机视觉、图像处理、数据挖掘、多媒体

科研成果：

主要项目：

[1] NSFC 61502238, 国家自然科学基金青年项目, 2016 - 2018, 24.4万

[2] NSFC 61622305, 国家自然科学基金优秀青年基金项目, 2017 - 2019, 150万

[3] BK20160040, 江苏省自然科学基金杰出青年基金项目, 2017 - 2019, 100万

主要论文：

[1] Guangcan Liu, Qingshan Liu, and Ping Li. Blessing of Dimensionality: Recovering Mixture Data via Dictionary Pursuit. IEEE Transactions on Pattern Analysis and Machine Intelligence (T-PAMI),2016.

[2] Guangcan Liu and Ping Li. Low-Rank Matrix Completion in the Presence of High Coherence. IEEE Transactions on Signal Processing (T-SP), 2016.

[3] Guangcan Liu, Xuan Xu, Jinhui Tang, Qingshan Liu, Shuicheng Yan. A Deterministic Analysis for LRR. IEEE Transactions on Pattern Analysis and Machine Intelligence (T-PAMI), vol. 38, no.3, pp. 417-430, 2016.

[4] Guangcan Liu, Shiyu Chang, and Yi Ma. Blind Image Deblurring Using Spectral Properties of Convolution Operators. IEEE Transactions on Image Processing (T-IP), vol. 23, no.12, pp. 5047-5056, 2014.

[5] Guangcan Liu and Ping Li, Recovery of Coherent Data via Low-Rank Dictionary Pursuit, Advances in Neural Information Processing Systems (NIPS), pp. 1206-1214, Montreal, Canada,2014.

[6] Guangcan Liu, Zhouchen Lin, Shuicheng Yan,Ju Sun, Yong Yu, and Yi Ma. Robust Recovery of Subspace Structures by Low-Rank Representation. IEEE Transactions on Pattern Analysis and Machine Intelligence (T-PAMI), vol. 35, no. 1, pp.171-184, 2013.

[7] Guangcan Liu and Shuicheng Yan. Active Subspace: Towards Scalable Low-Rank Learning. Neural Computation, vol. 24, no. 12, pp. 3371-3394, 2012.

[8] Guangcan Liu, Huan Xu, and Shuicheng Yan. Exact Subspace Segmentation and Outlier Detection by Low-Rank Representation. International conference on Artificial Intelligence and Statistics (AISTATS), vol. 22, pp. 703-711, Canary Islands, Spain, 2012.

[9] Guangcan Liu and Shuicheng Yan. Latent Low-Rank Representation for Subspace Segmentation and Feature Extraction. International Conference on Computer Vision (ICCV), pp. 1615-1622, Barcelona, Spain, 2011.

[10] Guangcan Liu, Zhouchen Lin, Yong Yu, and Xiaoou Tang , Unsupervised Object Segmentation with a Hybrid Graph Model (HGM), IEEE Transactions on Pattern Analysis and Machine Intelligence (T-PAMI), vol.32, no.5, pp.910-924, 2010.

[11] Guangcan Liu, Zhouchen Lin, and Yong Yu, Robust Subspace Segmentation by Low-Rank Representation. International Conference on Machine Learning (ICML), pp. 663-670, Haifa, Isreal, June 2010.

[12] Guangcan Liu, Zhouchen Lin, Yong Yu, Xiaoou Tang. Radon Representation Based Feature Descriptor for Texture Classification; IEEE Transactions on Image Processing (T-IP), vol. 18, no. 5, pp. 921-928, 2009.

[13] Guangcan Liu, Zhouchen Lin, Yong Yu. Multi-Output Regression on the Output Manifold. Pattern Recognition (PR), vol.42, no.11, pp. 2737-2743, 2009.

[14] Guangcan Liu, Zhouchen Lin, Xiaoou Tang, Yong Yu. A Hybrid Graph Model for Unsupervised Object Segmentation, International Conference on Computer Vision (ICCV), pp. 1-8, Rio de Janeiro, Brazil, 2007.

[15] Guangcan Liu, Yong Yu, Xing Zhu. A Learning-Based Term-weighting Approach for Information Retrieval; American Association for Artificial Intelligence (AAAI), vol. 20, no. 3, pp. 1418-1423, Pittsburgh, USA, 2005.

荣誉：

1、中华人民共和国教育部自然科学奖、二等奖 (排序2)，2016

2、上海市研究生优秀论文成果奖 (排序1)， 2015

3、微软学者，2006

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