Yao Zhang

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Born: Oct 13, 1989—Pei County, Jiangsu, China
Nationality: Chinese

Current position

PhD Candidate
University of Chinese Academy of Sciences
National Astronomical Observatories, Chinese Academy of Sciences

Areas of specialisation

- Mathematical Problems in Heliophysics.

- Numerical Linear Algebra Theory and Applications.

- Optimization Theory, Algorithms and Applications.

- Mathematical Problems in Astronomical Data Processing.

- Numerical Methods for Computational Science and Engineering.

Appointments held

2014.5-2016.5	Assistant Engineer, Wuxi Bishiden Technology Co. Ltd, Wuxi, China
2019.7-2020.8	Research Assistant, National Astronomical Observatories, Chinese Academy of Sciences, China

Education

2014.6	received the B.S. degree in Mathematics, Shenzhen University
2019.6	received the M.S. degree in Applied Mathematics, Shenzhen University

Scholarly Exchange

2018.5–2018.11	Department of Mathematics, Southern Illinois University, Carbondale.

Publications

Journal articles

2019	M. Li, Y. Zhang, M. Xiao, C, Xu and W. Zhang (2019), "On Schatten-q Quasi-Norm Induced Matrix Decomposition Model For Salient Object Detection ", *Pattern Recognition*, Volume 96, December 2019, 106975

Conference articles

2017   Y. Zhang and M. Li (2017), "Motion Segmentation Using Collaborative Low-Rank and Sparse Subspace Clustering, ", *2017 13th International Conference on Computational Intelligence and Security*, Hongkong, 2017

2019   Y. Yang, M. Li and Y. Zhang (2019), "Saliency Detection Based On Non-convex Weighted Surrogates ", *The 3rd International Symposium on Image Computing and Digital Medicine* Xi'an, 2019

Submitted articles

2020   Unsupervised Learning for Salient Object Detection via Minimization of Bilinear Factor Matrix Norm