



## Jian-Li Wang (王检利)

### Personal information

**Name(s):** Jian-Li Wang  
**Research interests:** Tensor modeling and computing, High-dimensional Image processing, Computer vision, Deep Learning  
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### Education and training

09/2019- Current      University of Electronic Science and Technology of China (UESTC)  
Ph. D. student in Applied Mathematics (Supervisor: Prof. Ting-Zhu Huang)  
Special postgraduate scholarship of science  
Academic Scholarship

09/2017-06/2019      University of Electronic Science and Technology of China (UESTC)  
M. S. student in Applied Mathematics (Supervisor: Prof. Ting-Zhu Huang)  
Academic Scholarship (twice)

09/2013-06/2017      Neijiang Normal University  
B. S. student in School of Mathematical Sciences  
Academic Scholarship

### Publications and submitting

1. **Jian-Li Wang**, Ting-Zhu Huang\*, Xi-Le Zhao\*, Tai-Xiang Jiang, Michael K. Ng, Multidimensional Visual Data Completion via Low-Rank Tensor Representation under Coupled Transformations, *IEEE Transactions on Image Processing*, vol. 30, pp. 3581-3596, 2021.
2. **Jian-Li Wang**, Ting-Zhu Huang\*, Xi-Le Zhao\*, Jie Huang, Tian-Hui Ma, Yu-Bang Zheng, Reweighted Block Sparsity Regularization for Remote Sensing Images Destriping, *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, vol. 12, no. 12, pp. 4951-4963, 2019.
3. **Jian-Li Wang**, Ting-Zhu Huang\*, Tian-Hui Ma, Xi-Le Zhao\*, Yong Chen, Tia, A Sheared Low-rank Model for Oblique Stripe Removal, *Applied Mathematics and Computation*, vol. 360, pp. 167-180, 2019.
4. **Jian-Li Wang**, Ting-Zhu Huang\*, Xi-Le Zhao\*, Teng-Yu Ji, Tai-Xiang Jiang, Hyperspectral



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- Denoising via Global Tensor Ring Decomposition and Local Unsupervised Deep Image Prior, *in IEEE International Geoscience and Remote Sensing Symposium (IGARSS 2021)*, 2021, pp. 11-16.
5. Yu-Chun Miao, Xi-Le Zhao\*, Xiao, Fu\*, **Jian-Li Wang**, Yu-Bang Zheng, Hyperspectral Denoising Using Unsupervised Disentangled Spatio-Spectral Deep Priors, *IEEE Transactions on Geoscience and Remote Sensing*, doi: 10.1109/TGRS.2021.3106380, 2021.
  6. Ben-Zheng Li, Xi-Le Zhao\*, **Jian-Li Wang**, Yong Chen, Tai-Xiang Jiang, Jun Liu, Tensor Completion via Collaborative Sparse and Low-Rank Transforms, *IEEE Transactions on Computational Imaging*, doi: 10.1109/TCI.2021.3126232, 2021.