

User Guide

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Description

Based on our research paper “SuperRPCA: A collaborative superpixel representation prior-aided RPCA for hyperspectral anomaly detection”, we prepare a demo file for researchers to investigate our theory and algorithm.

Run the code (Tested by MATLAB R2021b Windows OS)

- Run the MATLAB program “demo.m” to see the quantitative and qualitative performances of SuperRPCA.
- If you want to run this code with your own data, just put the data in the ”dataset” folder and add a new case in ”function/select_data.m”. Then, modify line 8 in ”demo.m”.

Citation

If you find our work useful in your research or publication, please kindly cite our work:

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