User Guide

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Based on our research paper "Transformer-driven inverse problem transform for fast blind hyperspectral image dehazing (T^2HyDHZ)", we prepare a demo file for researchers to investigate our theory and algorithm.

Requirements

- MATLAB: R2021b
- torch: 1.9.0+cu111
- torchvision: 0.10.0+cu111
- scipy: 1.5.2
- einops: 0.4.1
- timm: 0.6.12

Run the code

Open MATLAB in the environment that has installed Pytorch. Then, run the Matlab program "demo.m" to see the quantitative and qualitative performances of T^2HyDHZ.
If you want to run this code with your own data, just put the data in the "testing_code" folder or modify the data path in "test_haze.txt" for "test.py."

Citation

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

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