

Assignment #2

Image Enhancement

Requirements

1. Implement the **histogram equalization algorithm** and apply it to the test images show below. Show the histogram **before** and **after** the histogram equalization.

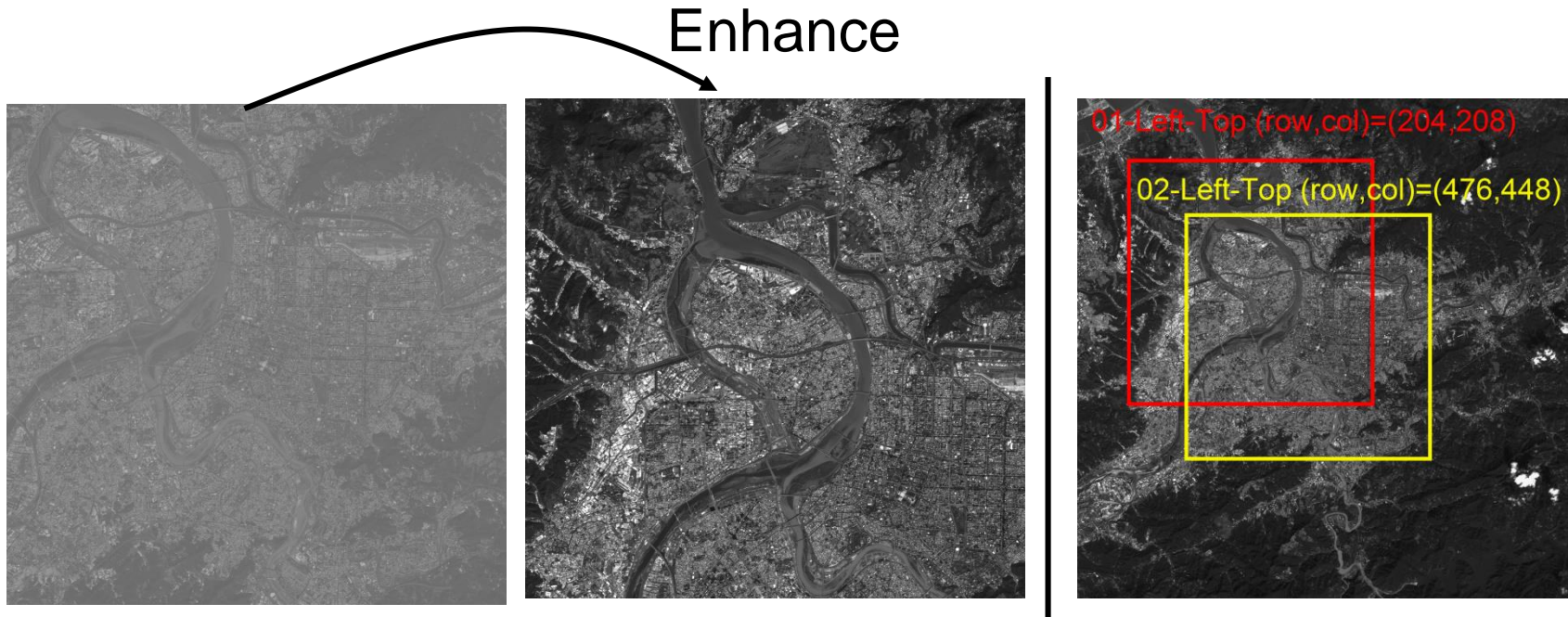


Test images

2. Explain why the discrete histogram equalization does not yield a flat histogram.

Requirements

3. Implement the **histogram matching algorithm** and use this algorithm to balancing the colors of the tested images.



4. Report your results. (Max.: 3 pages)