

Image Processing II

Watershed

Aadil Anil Kumar
Otmane Sabir

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Introduction

The second homework assignment required us to implement the watershed transform - referring to the geological watershed - while following certain guidelines which could be summarized to the following list:

1. Implement the watershed algorithm as described as pseudo code from the [textbook](#) 4-connected and 8-connected neighborhood.
2. Output a single CSV file for the transformed image in the same format and same definition and value domains as the input image 'f'.
3. Do meaningful (motivated from a real-world perspective) watersheds for 3 other images.

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