Image fusion based on flower pollination algorithm and stationary wavelet transform.

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Overview

Image fusion is combination of multisensorial images in a single. In this paper they combines remote sensing images for different purposes like agricultural, weather forecasting, mineral determination etc, for that they uses pan chromatic image data set amd multi spectral image data set. This pan chromatic image have more spatial complexity

and multi spectral has more spectral complexity. By combining these two gives more informative image. For effective fusion they used stationary wavelet transform and flower pollination algorithm optimization.

Goals

1. To fuse medical images such as MRI and PET scanning images.
2. To find best weight weight for image fusion rule such as flower pollination algorithm optimization and for stationary wavelet transform