

Multi-Sensor Image fusion using DWT and ML algorithm

ABSTRACT:

Multi-sensor image fusion is a synthesis technique that can fuse source images from multiple sensors into a high-quality image with comprehensive information. Signal processing-based fusion methods which we are going to use in this project are discrete wavelet transform (DWT) and machine learning algorithms such as principal component analysis (PCA) .

References:

- Mutli-sensor image fusion: <https://ieeexplore.ieee.org/document/413302>
- <https://www.mdpi.com/2079-9292/9/9/1531>
- http://sdeuoc.ac.in/sites/default/files/sde_videos/Digital%20Image%20Processing%203rd%20ed.%20-%20R.%20Gonzalez%2C%20R.%20Woods-ilovepdf-compressed.pdf