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Multilevel thresholding selection based on variational mode decomposition for image segmentation

Jiafu Li, Wenyan Tang, Jun Wang, Xiaolin Zhang

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Highlights

- An equivalent objective function of VMD is proved.
- The histogram is decomposed into several sub modes based on between-class variance function.
- Two principles of threshold selection are proposed based on histogram decomposition.
- The proposed method exhibits higher efficiency than others.

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