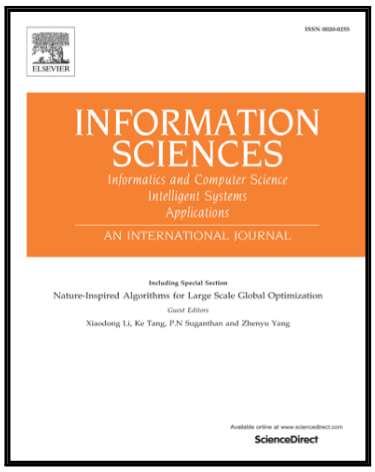

An active contour model based on local fitted images for image segmentation

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Highlights

- A novel local fitted image is proposed to approximate the square of the original image based on the LBF and LIF models.
- A novel active contour model is proposed by constructing a local hybrid image fitting energy.
- Segmentation results demonstrate that our model is better than several typical models in terms of accuracy and computational effectiveness.