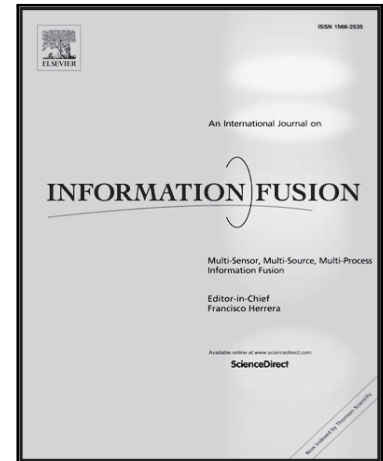


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Multimodal Image Registration using Laplacian Commutators

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**Highlights**

- A multimodal distance measure based on the commutativity of image graph Laplacians
- Assumption: eigenvectors of image graph Laplacian capture structural information
- Use relation between joint diagonalization and matrix commutativity to compare images
- Performance is tested for multimodal image registration and is compared to NMI
- Results show that approach can deal with multiple and challenging multimodal datasets

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