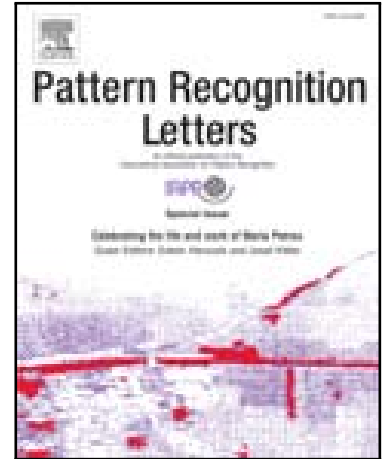


## Accepted Manuscript

A convolutional approach to reflection symmetry

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**Research Highlights (Required)**

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It should be short collection of bullet points that convey the core findings of the article. It should include 3 to 5 bullet points (maximum 85 characters, including spaces, per bullet point.)

- A symmetry detection algorithm built on products of complex-valued wavelet convolutions
- Parameter-centered, as opposed to feature-centered method
- Outperforms the state-of-the-art on public single symmetry detection database
- As a byproduct, a fast likelihood model for ellipse center detection
- New dataset released – larger than the previously available

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