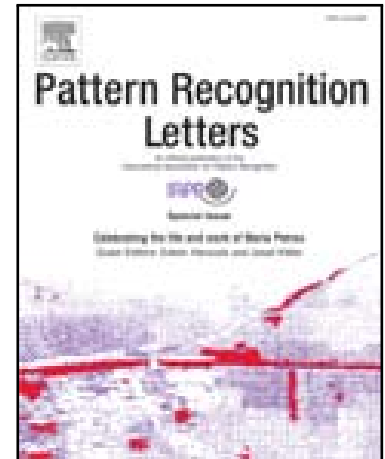


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MR Image Bias Field Harmonic Approximation with Histogram
Statistical Analysis

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Highlights

- Proposing a novel method for bias field estimation and tissue segmentation.
- We optimize the energy function which apply PS model to represent true image.
- We can obtain an approximation of the bias field via harmonic analysis.
- A statistical analysis was used to ensure the accuracy and flexibility of algorithm.
- A set of tests on synthetic and real data show the validity of the method.

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