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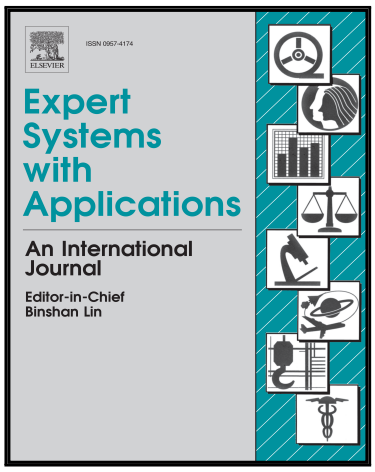

An unsupervised coarse-to-fine algorithm for blood vessel segmentation in fundus images

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Highlights

- An unsupervised method to detect blood vessels in fundus images is proposed.
- The algorithm effectively tackles image distortions such as central vessel reflex.
- The two expert vessel identification images present significant differences.
- The average observer plays an important role in defining a neutral standard.
- Balanced accuracy is an alternative for performance evaluation of segmentation.

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