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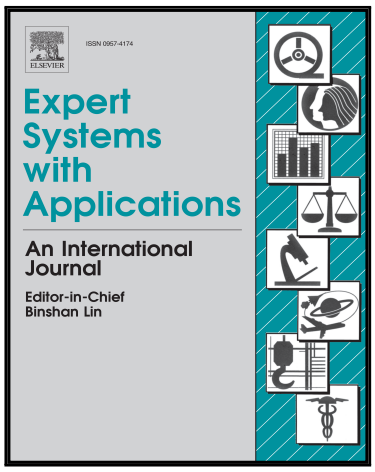

A New Method For Building Adaptive Bayesian Trees and Its Application in Color Image Segmentation

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PII: S0957-4174(17)30867-9
DOI: 10.1016/j.eswa.2017.12.045
Reference: ESWA 11746

To appear in: *Expert Systems With Applications*

Received date: 26 April 2017
Revised date: 8 December 2017
Accepted date: 24 December 2017

Please cite this article as: Guilherme Schu, Jacob Scharcanski, A New Method For Building Adaptive Bayesian Trees and Its Application in Color Image Segmentation, *Expert Systems With Applications* (2017), doi: 10.1016/j.eswa.2017.12.045

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Highlights

- A novel clustering method applied to color image segmentation is proposed.
- A Bayesian framework is used to detect modes of the image features distribution.
- Clusters are built based on a hierarchy of directed trees structures.
- The clusters are used to perform color image segmentation.
- The method potentially can be reliable based on experiments and method comparisons.

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