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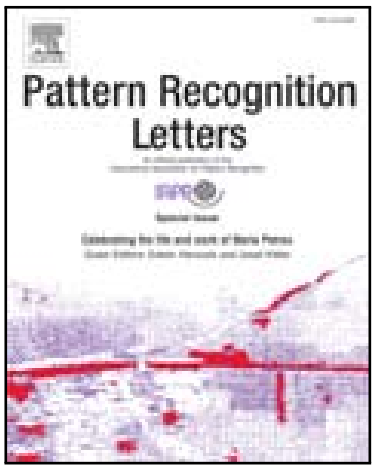

Object Recognition Under Severe Occlusions with a Hidden Markov Model Approach

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Highlights

The main contributions of this paper are:

- A new method for recognition of non-deformable severe occluded objects.
- Local shape descriptor from the wavelet coefficients of the tangent angle signature.
- Most likely object retrieval based on an ensemble of Hidden Markov Models.
- Two new area restrictions for consistency checking between hypotheses and occlusion.

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