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Visual object tracking via the local soft cosine similarity

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Highlights

- We propose a robust tracking method based on local soft cosine similarity under the Bayesian framework. We construct the motion model of the proposed tracker by the Bayesian framework.
- We propose a local soft similarity (L3SCM) and we incorporate it in the observation model of the proposed tracker.
- We integrate a simple update scheme for more robustness of the proposed tracker.
- We achieve comparable performances with other methods on challenging image sequences.

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