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Real time visual tracking using a spatially weighted von Mises mixture model

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Research Highlights

- Real time, kernel-based, model-free tracking algorithm.
- The target appearance is modeled by a weighted von Mises mixture.
- Circulant target histograms are intrinsically modeled.
- The target location is estimated using a gradient-based approach.
- A significant gain in computation time is reached with respect to standard tracking algorithms.

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