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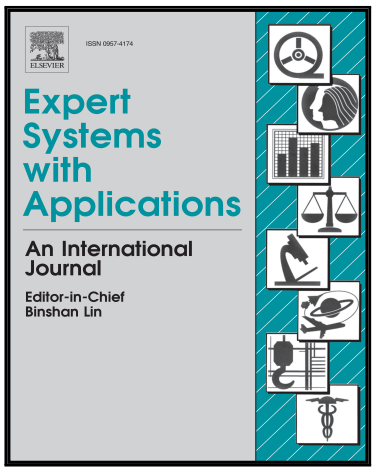

An online spatio-temporal tensor learning model for visual tracking and its applications to facial expression recognition

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Highlights

- Visual tracking in videos is an essential component in human computer interaction.
- An online tensor based learning strategy is proposed for visual tracking.
- The tracking method show superior tracking performance in challenging conditions.
- The proposed tracker delivers the scale and orientation information of the target.
- Real time facial expression recognition system is presented using proposed tracker.

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