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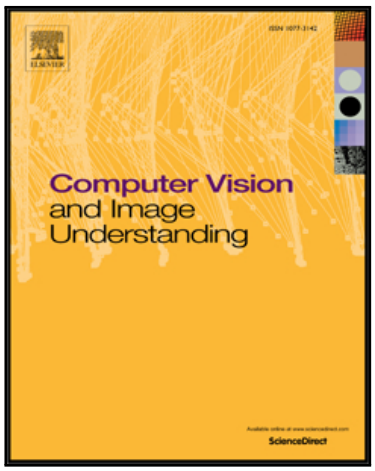

Boosting Hankel Matrices for Face Emotion Recognition and Pain Detection

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Highligths

- Dynamics of face expression descriptors are modeled for emotion recognition
- A set of Hankel matrices is built upon several multi-scale face representations
- Boosting and random subspace projection are used for dynamics selection
- Dynamics of Haar-like features and Gabor Energies are compared
- Fine-grained dynamics of subtle expressions can be modeled at small spatial scales

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