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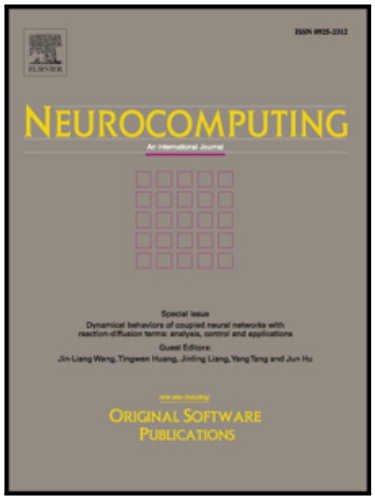

Hierarchical modeling for first-person vision activity recognition

Girmaw Abebe, Andrea Cavallaro

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Highlights

- We design a hierarchical model for the recognition of locomotive activities
- We extract a high-level feature exploiting hierarchical and temporal information
- We propose a confidence-based output smoothing approach
- We extract novel low-level features from optical flow and appearance descriptors
- We validate the proposed framework on multiple datasets

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