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SVAS: Surveillance Video Analysis System

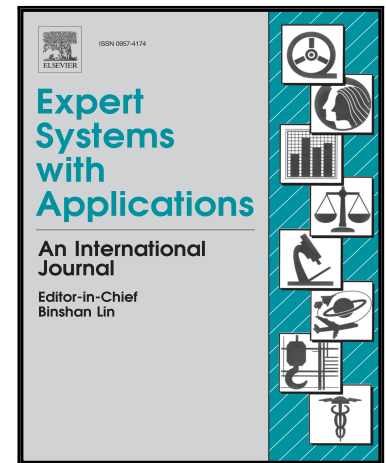
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Highlights

- A Surveillance Video Analysis System (SVAS) is proposed.
- An Interval-Based Spatio-Temporal Model (IBSTM) is introduced.
- Automatic learning, detection and inference of complex video events are provided.
- Hybrid machine learning methods are used and extended via Threshold Models.
- The empirical evaluation shows that SVAS succeeds in complex event recognition.

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