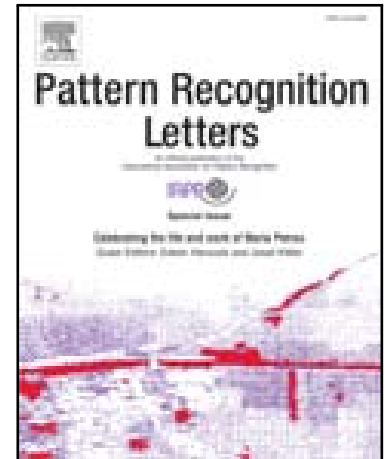


Improving detection speed in Video by exploiting Frame correlation

Rakesh Mehta, Jaume Amores

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Highlights

- We formulate the person detection problem as “detection from videos” which can be used for large scale detection systems.
- We apply the video-encoding concept of “inter-intra” frames to speed-up detection in videos.
- Proposed approach is generic which can be applied to a broad family of algorithms.
- We introduce a fast classification algorithm by adapting cascading threshold.

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