Haar-like Features and Adaptive Feature Extraction for Visual Tracking

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A visual tracking algorithm was developed by integrating Haar-like features with adaptive feature extraction. The experiments show that the proposed tracker solves two knotty problems of visual tracking partially: varying illumination and occlusion.



Limitations









• The combination of Haar-like features and ensemble tracking can improve the performance of a visual tracker in terms of a short occlusion and varying illumination. • More works are necessary to succeed in tracking in case of a long occlusion and to add extensions such as initialization of tracking and varying size of target.