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Robust object tracking via multi-cue fusion

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**Highlights**

- A long-term object tracking method based on calibrated binocular cameras by fusing information of the two channels and binocular geometry constraints is proposed.
- The stereo filter which is built based on the epipolar geometry of the binocular cameras is effective to filter out false detection proposed by pre-trained object detector on both of the two channels.
- Experimental results demonstrate that the proposed method can deal with occlusion, scale variation and out-of-view situation well.

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