

عنوان مقاله:

Real-time Target Tracking Using Pan and Tilt Platform: A Kalman Filter Approach

محل انتشار:

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خلاصه مقاله:

In this paper, the Kalman filter is employed successfully for state estimation of a moving target using the pan and tilt platform and a video camera as the visual servoing system. The proposed method is implemented experimentally to a laboratory-size pan and tilt platform. Experimental results show good target tracking by the Kalman filter to track object with constant acceleration movements.

کلمات کلیدی:

real-time target tracking; Kalman filter; pan and tilt platform

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