

عنوان مقاله:

High Accuracy Target Tracking In Infra-red Images

محل انتشار:

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خلاصه مقاله:

This paper presents different high accuracy automatic tracking algorithms .It is based on iteratively tracking window center towards the target . The target from the FLIR sensor is modeled as a bivariate Gaussian function ; whose position should be estimated Different algorithms are presented which are based on the centroid measurement, up sampling and filtering .The simulation results presented validate the performance predictions of the proposed algorithms.

کلمات کلیدی:

Infra-red Focal Plane Array (IR FPA); centroid; up sampling ; FLIR; $\alpha\beta$ filter ; kalman filter

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