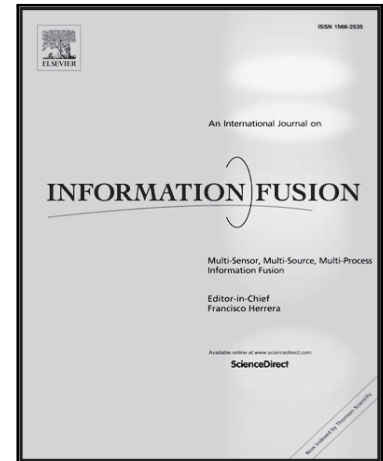


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Inertial/Magnetic Sensors based Pedestrian Dead Reckoning by Means of Multi-sensor Fusion

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Highlights

- EKF approach is applied to reduce uncertainty and produce better estimations for PDR.
- A clustering algorithm is proposed to accurately distinguish stance phases.
- Sensor installation errors and path integral errors are properly corrected.
- The multi-sensor fusion method has been proved effective by optical apparatus.

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