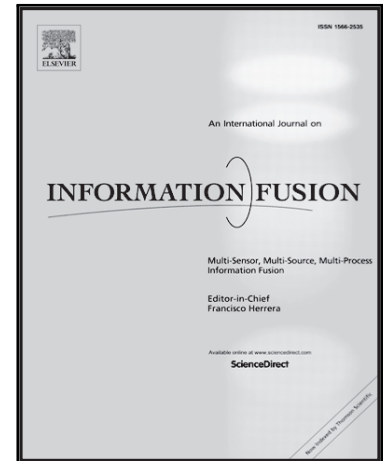


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Trust-Based Distributed Kalman Filtering for Target Tracking under Malicious Cyber Attacks

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Highlights

- A new distributed Kalman filtering for information fusion is proposed.
- K-means clustering technique is adapted to obtain the trusted nodes.
- Information from the trusted nodes are used for fusion.
- The proposed approach is robust to the SNR variation among the nodes.
- It is robust to malicious cyber-attacks.
- Compromised nodes detection and localization are byproducts.

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