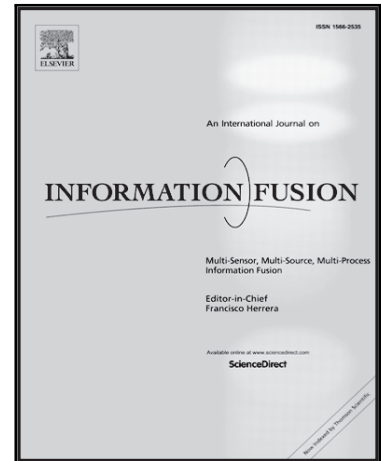


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Information Fusion for Efficient Target Detection in Large-scale Surveillance Wireless Sensor Networks

Andrea Abrardo, Marco Martalò, Gianluigi Ferrari

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Highlights

- Duality between cognitive wireless networking and WSN-based target detection systems.
- Novel analytical performance evaluation framework.
- Clustered and unclustered topologies are encompassed.
- CD/FA probabilities and energy consumption are evaluated.
- Existing trade-offs are quantified and design guidelines are provided.

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