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3D AOA Target Tracking Using Distributed Sensors with Multi-hop Information Sharing

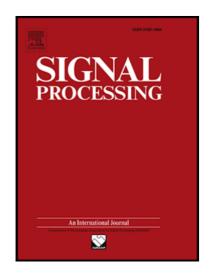
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Highlights

- A 3D AOA tracking algorithm is proposed based on multi-hop information sharing to realize out-of-sequence data transmission.
- To account for time delay of received information and to learn the network topology, a neighborhood matrix method is developed.
- The proposed algorithm incorporates the estimates of out-of-sequence data employing packet-delay classification and performs close to the centralized method.

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