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Consistent Sensor, Relay, and Link Selection in Wireless Sensor Networks

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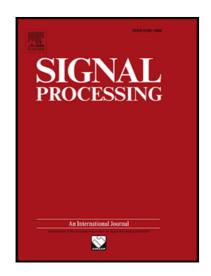
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HIGHLIGHTS

- We formulate optimization problems for sensor, link, and relay selection.
- The formulations guarantee connectivity of the resulting selected subset.
- To solve the problems, we propose two sparsity-aware algorithms based on a convex relaxation.

• We also extend the work to a special case where only link selection is considered.

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