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Multi-sensor data fusion based on the belief divergence measure of evidences and the belief entropy

Fuyuan Xiao

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#### ACCEPTED MANUSCRIPT

### Highlights

- A new Belief Jensen-Shannon (BJS) divergence is devised in this paper.
- BJS is proposed to measure the discrepancy and conflict degree between evidences.
- A new method is proposed for multi-sensor data fusion.
- The method is based on belief divergence measure of evidences and belief entropy.
- The method outperforms the related works with better effectiveness.

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