Abstract

The present invention discloses a data association method in distributed sensor system. First, the local sensor which is nearest to the other local sensors is chosen as the fusion center. The fusion center calculates the geometry center of the resolution cell. Then local sensors relate the center to their own resolution cell and find out the corresponding resolution cell. Afterwards, local sensors transmit their data of the resolution cell to the fusion center. Fusion center combines data from local sensors as input to make a global decision. The invention raises a more simple and reliable method to improve the system accuracy, which can be widely used in intelligent transportation system.

Fig.2 is accompanied.

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