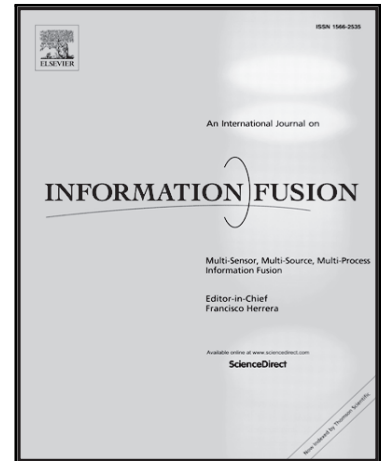


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A group decision making method with interval valued fuzzy preference relation based on the geometric consistency

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Highlights

- Define geometric consistent interval-valued fuzzy preference relation.
- An acceptable geometric consistent preference relation is obtained by a goal program.
- The interval priority weights are derived by a fuzzy logarithmic programming model.
- A parametric linear program is established to derive the collective priority weights.
- A new method is put forward for group decision making problems.

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