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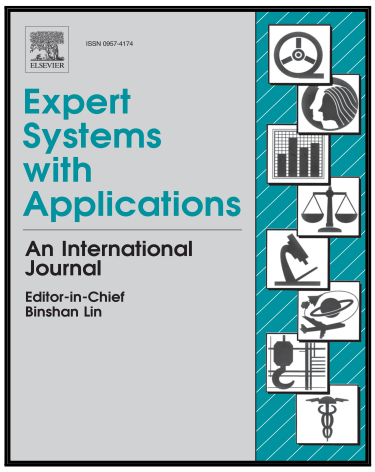

Modeling Human-like Decision-making for Inbound Smart Ships based on Fuzzy Decision Trees

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Highlights:

- A novel piloting decision recognition model for fuzziness and uncertainty problems.
- Automatic acquisition and representation of the pilot's decision-making knowledge.
- A flexible method that can mine the key factors which affect piloting decisions.
- The standardization principle of piloting decision-making factors is proposed.
- A feasibility basis for the realization of automatic smart ship piloting systems.

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