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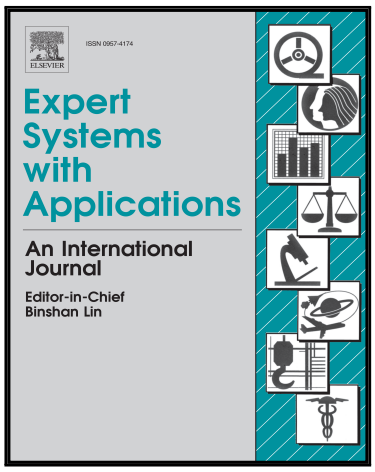

Incorporating Travel Time Uncertainty into the Design of Service Regions for Delivery/Pickup Problems with Time Windows

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Highlights

- A methodology to enhance the realism of the VRPTW by incorporating travel time uncertainty is proposed
- Experiments based on the well-known Solomon instances show positive results from the proposed methodology
- Index of intimacy degree was developed to partition a service area into multiple service regions.

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