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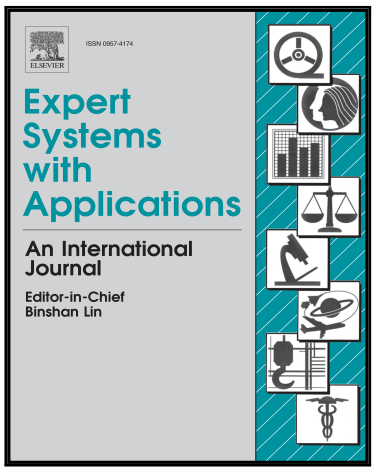

Integrated Staff Scheduling at a Medical Emergency Service: An Optimisation Approach

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Highlights

- We introduce a novel staff scheduling problem at an emergency medical service
- Two solution techniques are compared: a diving heuristic and a VNDS heuristic
- Extensive test show that the VNDS heuristic clearly outperforms the diving heuristic
- The model is successfully applied to a real-life case study

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