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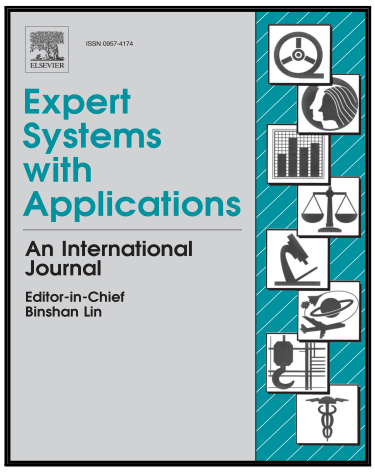

Multi-objective multi-robot path planning in continuous environment using an enhanced Genetic Algorithm

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Highlights

Dear Editor,

The highlights of our manuscript are as follows:

- A novel algorithm was introduced for path planning in continuous environment
- A deterministic algorithm was introduced to determine all feasible initial paths
- A Genetic Algorithm with five new crossover and mutation operators was developed
- Path length, smoothness, and safety were combined to form the objective function
- The proposed algorithm was extended to handle the multi-robot problem

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