

# Accepted Manuscript

## Path Regeneration Decisions in a Dynamic Environment

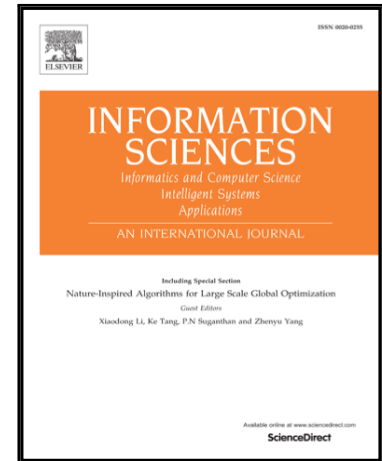
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### Highlights

- Developing a decision-making methodology for path regeneration in a dynamic environment
- Proposing an approach to identify a set of important obstacles that can affect a path
- Enabling intelligent decisions to reduce the path length or to resolve infeasibilities in the path
- Achieving efficiency in path regeneration without updating the path over every unit time interval

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