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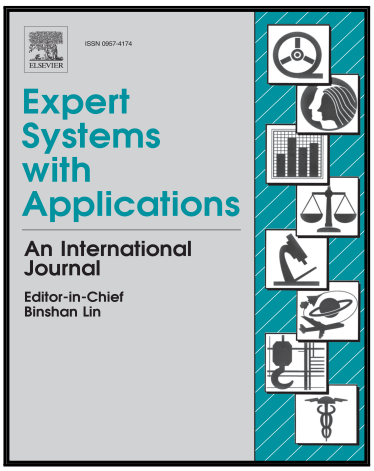

Speeding Up Single-Query Sampling-based Algorithms using Case-based Reasoning

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Highlights

- Motion planning is an essential task for an autonomous vehicle.
- Traditional motion planning algorithms ignore experience when serving new queries.
- Experience-based algorithms use multiple thread execution for serving queries.
- Motion planning belongs to P-SPACE hard problem class.
- Case-based reasoning is an AI approach for problem-solving using stored experiences.

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