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An algorithm for multi-robot collision-free navigation based on shortest distance

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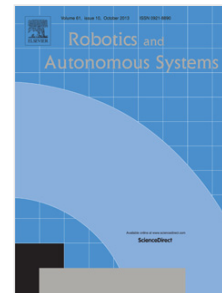
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- A new algorithm for collision-free multi-robot navigation is introduced.
- The new algorithm is based on shortest distance algorithm. It is particularly efficient and easy to implement.
- Comparison with previously discussed algorithms on different standard scenarios is presented

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