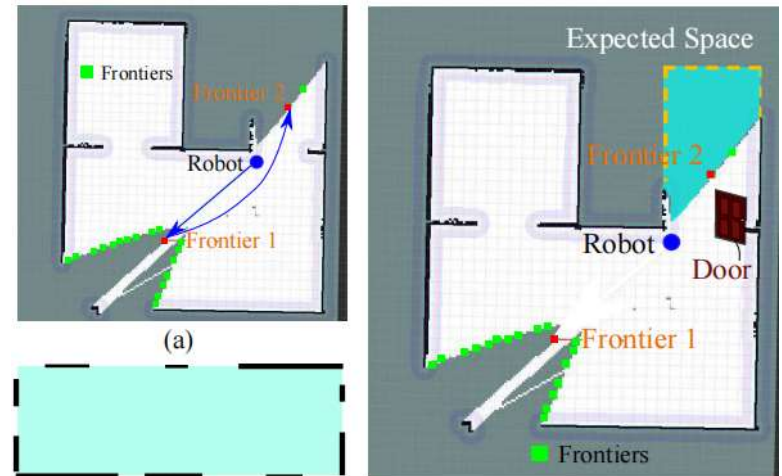


A Prior Information Heuristic based Robot Exploration Method in Indoor Environment

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- A new exploration strategy is proposed on the basis of the prior information heuristic.
- A lightweight network model is proposed for the recognition of the heuristic objects.
- Experimental studies demonstrate the effectiveness of the proposed method.



The influence of prior information heuristic on the selection of frontiers.