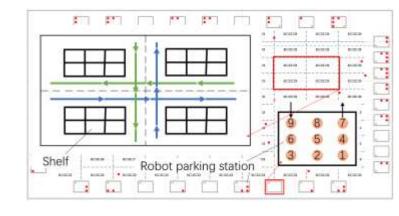
Task Allocation and Path Planning of Many Robots with Motion Uncertainty in a Warehouse Environment

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- The more robots are deployed, the higher efficiency logistics operation will be.
- The decentralized auction-bid scheme is used to allocate tasks.
- We take the robot's motion uncertainty into account and predict the robot density.
- We also design an effective scheme to sufficiently avoid the robot collision.



Examples of robot parking stations and local roads, the arrow indicates the passable direction