

Présentations flash des doctorant·e·s

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Optimal path planning for agents in the agricultural setting

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Optimal path planning for agents in the agricultural setting

First thesis year

CONTEXT

A pixel cropping field has to be watered using three robots.

PROBLEMATIC

Tasks planning Which parcel should each robot water?

Paths planning Which path should each robot take to avoid collisions?

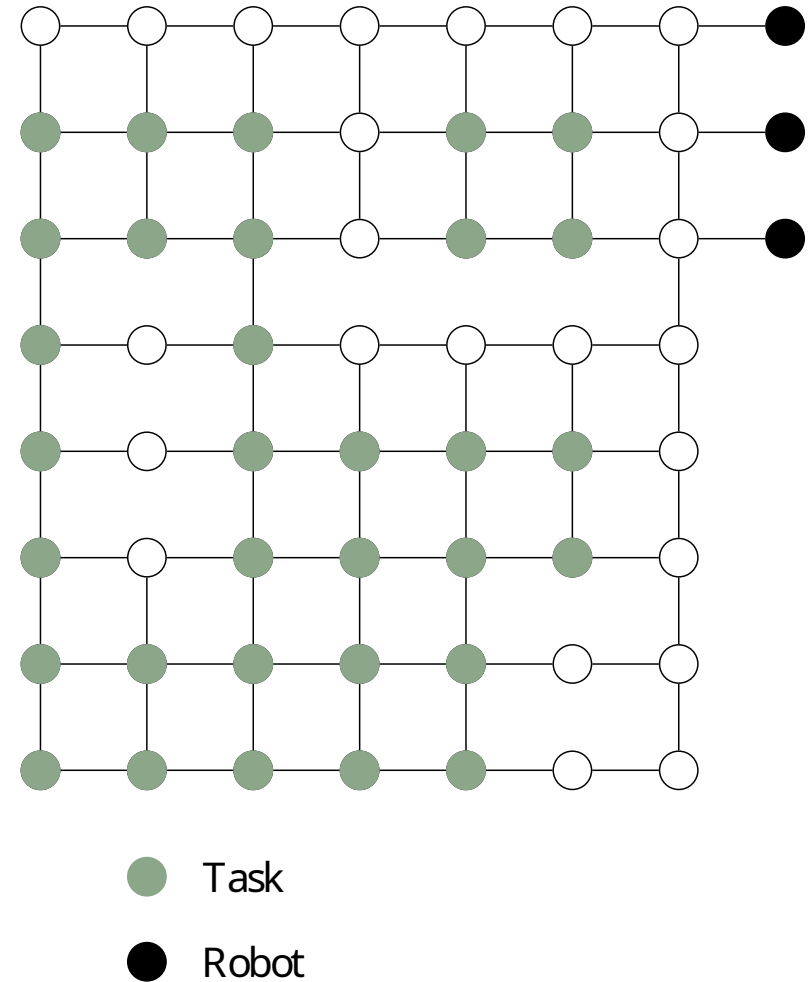


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Approach

- 1) Spatial discretization
- 2) Optimal algorithm to solve tasks and paths planning



If your are interested, fill free to come see me!