

Reachable Set Control based on Zonotopic Calculus

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Details

Initial Set



- What is the **main problem**?

Target Set



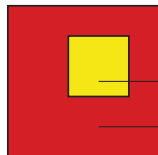
Details

Initial Set



- What is the **main problem**?

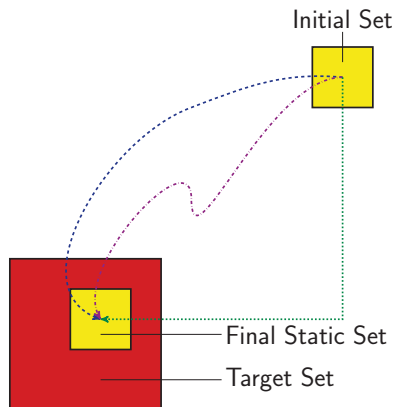
The reachable set control problem.



Final Static Set

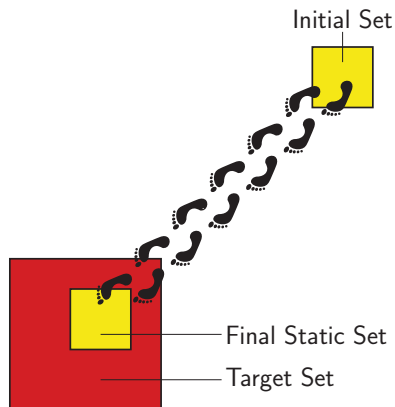
Target Set

Details



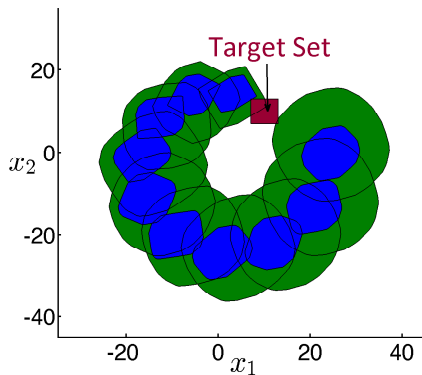
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The reachable set control problem.

Details



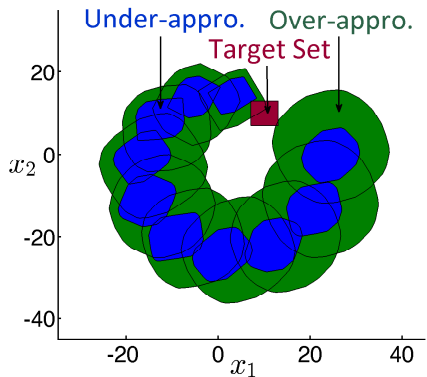
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The reachable set control problem.

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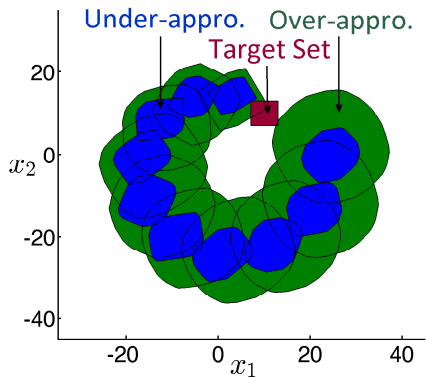
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- What **methods** shall we use?

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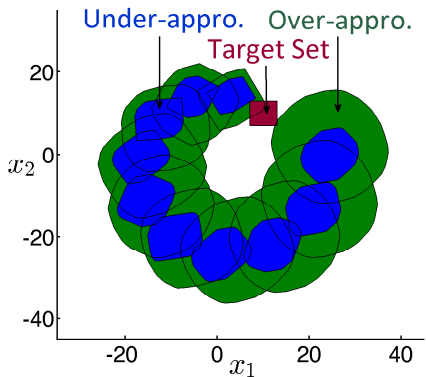
- What is the **main problem**?
- What **methods** shall we use?
Backward reachable sets +
Zonotopic technique.

Details



- What is the **main problem**?
- What **methods** shall we use?
- What are the **challenges**?

Details



- What is the **main problem**?
- What **methods** shall we use?
- What are the **challenges**?
Backward computation +
Controller design.