Project: Part 3

24-677 Special Topics: Modern Control - Theory and Design

Ryan Wu (ID: weihuanw)

**Due: Nov 16, 2023, 11:59 pm.**

# P3: Problems

**Exercise 1**

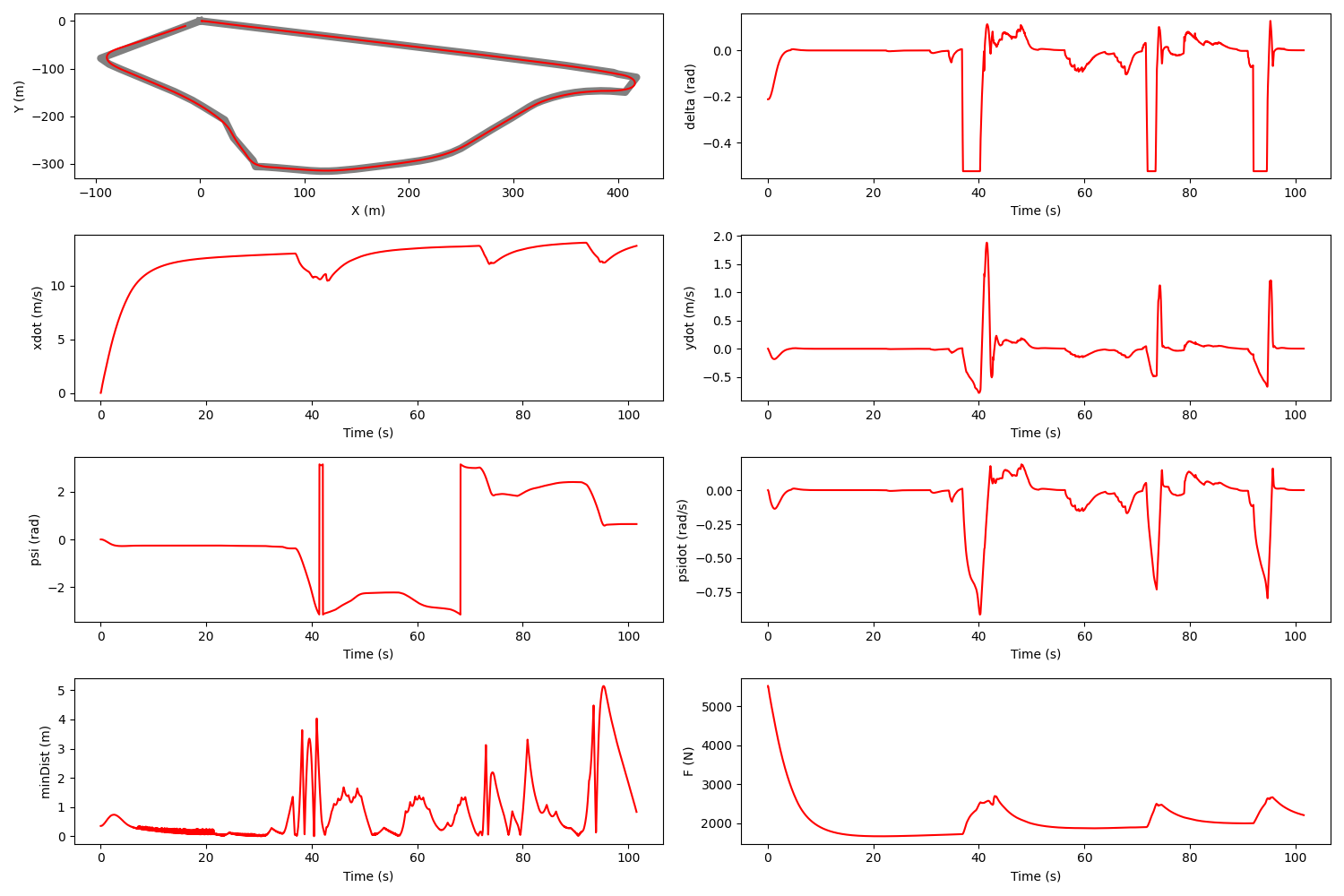
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Figure . The final completion plot using my LQR controller.

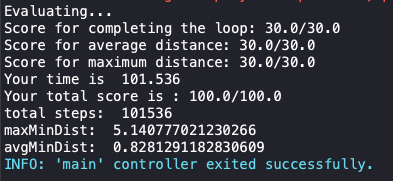
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Figure . The final score message from Webots simulation using my LQR controller.

**Exercise 2**

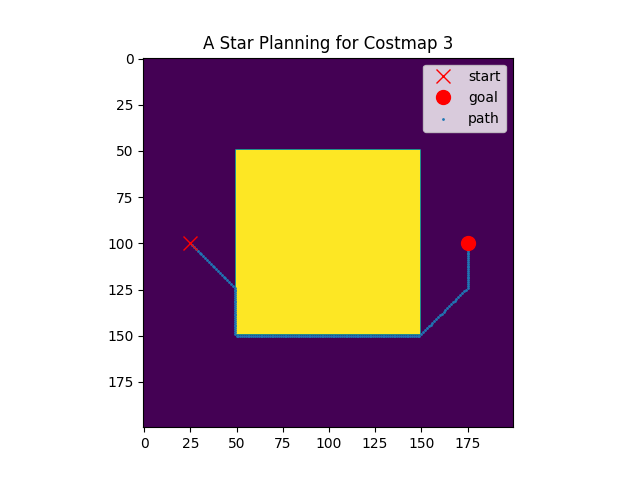
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Figure . The path planning results from my Astar\_script.py.

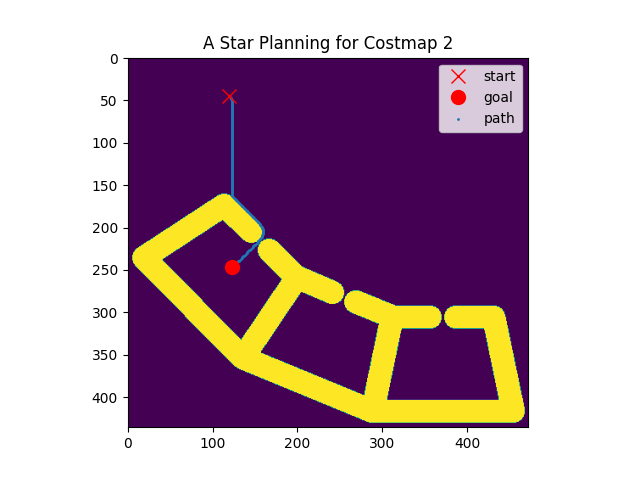
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Figure . The path planning results from my Astar\_script.py.

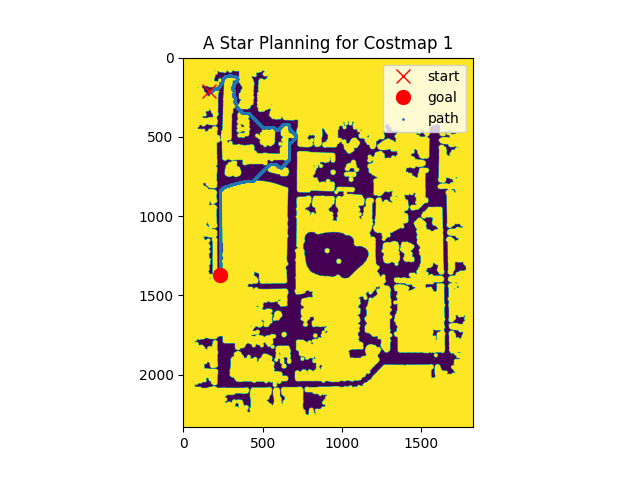
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Figure . The path planning results from my Astar\_script.py.

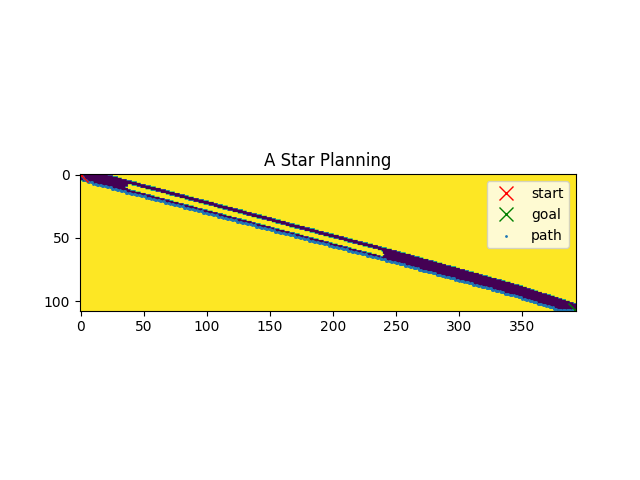
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Figure . The path planning results from my Astar.py.

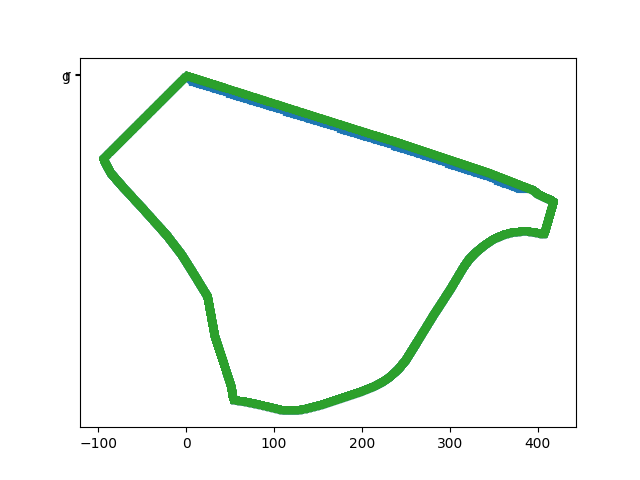
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Figure . The path planning results from my Astar.py.

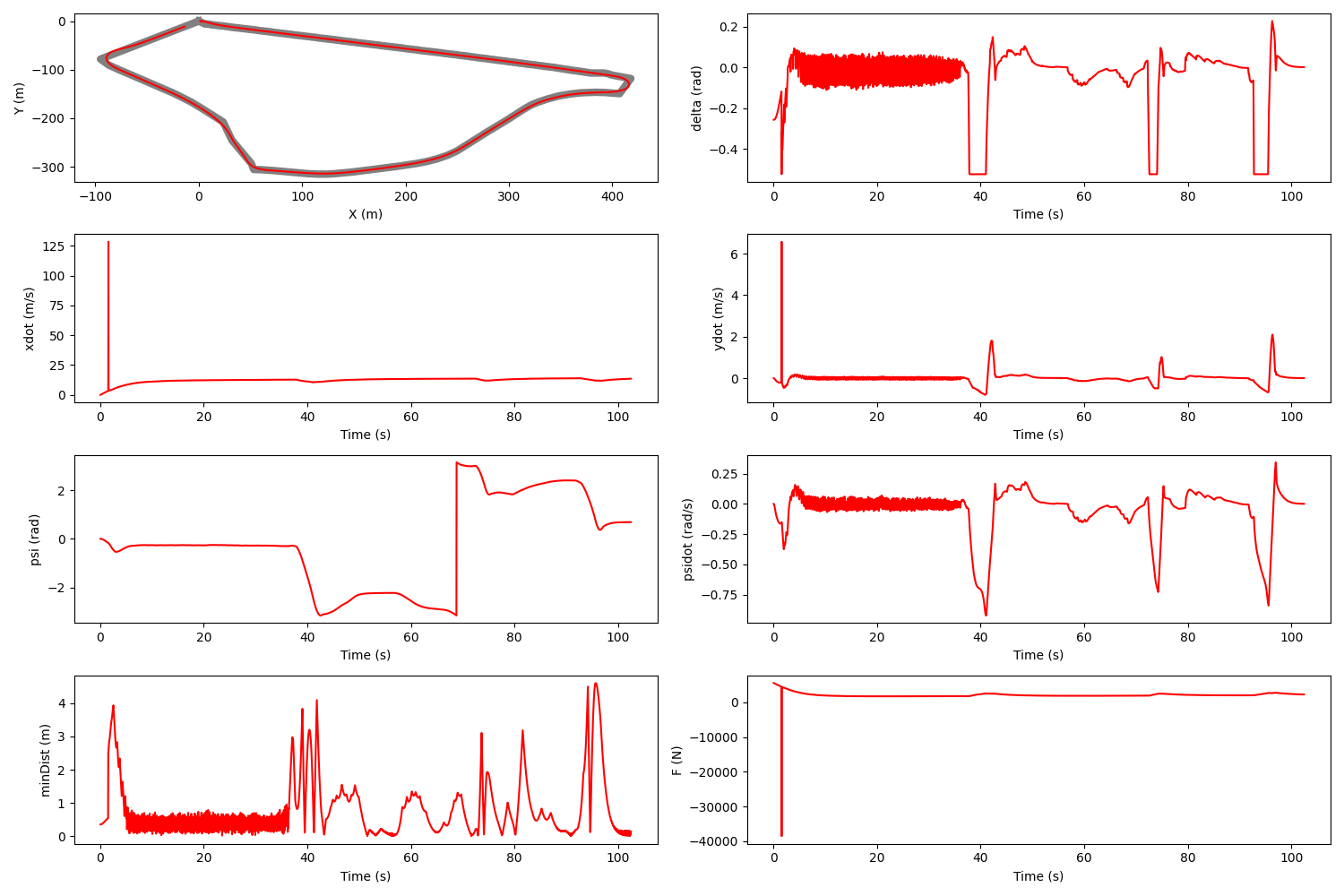
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Figure . The final completion plot using my A\* algorithm & my LQR controller.

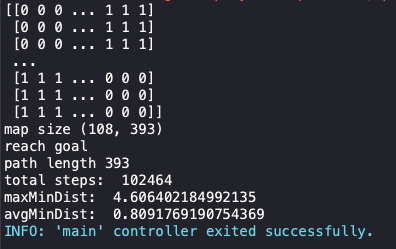
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Figure . The final score message from Webots simulation using my A\* algorithm & my LQR controller