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Deadline: You must submit this week's assignments by **March 13, 2016, 10:59 PM PT**.

Artificial Potential Field Methods

CJ Taylor

Welcome to Week 4, the last week of the course! Another approach to motion planning involves

More

Planning with Artificial Potential Fields

4.1: Constructing Artificial Potential Fields 8 min

(/learn/robotics-motion-planning/lecture/J9sC0/4-1-constructing-artificial-potential-fields)

4.2: Issues with Local

Help Center

Minima 2 min

(/learn/robotics-motion-planning/lecture/zUfMI/4-2-issues-with-local-minima)

4.3: Generalizing Potential Fields 2 min

(/learn/robotics-motion-planning/lecture/N3UUN/4-3-generalizing-potential-fields)

Quiz: Artificial Potential Fields 3 questions

(/learn/robotics-motion-planning/exam/ezgcL/artificial-potential-fields)

Assignment: Gradient-based Planner 3h 00m

Due March 13, 10:59 PM PT

(/learn/robotics-motion-planning/programming/A9uVl/gradient-based-planner)

Conclusion

4.4: Course Summary 7 min

(/learn/robotics-motion-planning/lecture/Frfka/4-4-course-summary)