



coursera (/)

Like this course? Become an expert by joining the [Robotics Specialization \(/specializations/robotics\)](/specializations/robotics).

(https://accounts.coursera.org/i/zendesk/courserahelp?return_to=https://learner.coursera.help/hc)

[Upgrade](#)

Congratulations!

You have completed Week 2.

[Start Week 3](#)

(</learn/robotics-motion-planning/home/week/3>)

Configuration Space



CJ Taylor

Welcome to Week 2! In this module, we begin by introducing the concept of configuration space which is a

▼ More

Configuration Space Applications



2.1: Introduction to Configuration Space 4 min

(</learn/robotics-motion-planning/lecture/0auld/2-1-introduction-to-configuration-space>)

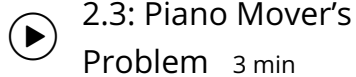


2.2: RR arm 2 min

(</learn/robotics-motion-planning/lecture/0auld/2-2-rr-arm>)

[Help Center](#)

planning/lecture/mNhWs/2-2-rr-arm)



(/learn/robotics-motion-planning/lecture/Yh5fc/2-3-piano-movers-problem)

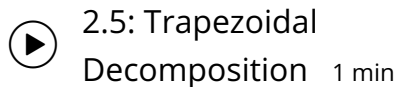


(/learn/robotics-motion-planning/supplement/E7Hk2/setting-up-your-matlab-environment)

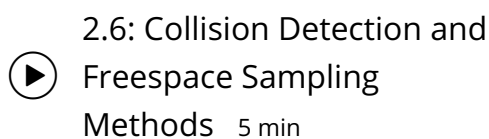
Path Planning in Configuration Space



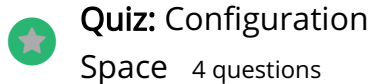
(/learn/robotics-motion-planning/lecture/e1iaQ/2-4-visibility-graph)



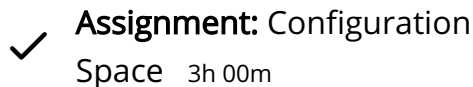
(/learn/robotics-motion-planning/lecture/KQQGu/2-5-trapezoidal-decomposition)



(/learn/robotics-motion-planning/lecture/v8M8j/2-6-collision-detection-and-freespace-sampling-methods)



(/learn/robotics-motion-planning/exam/dYQsq/configuration-space)



(/learn/robotics-motion-planning/programming/BBYLi/configuration-space)

