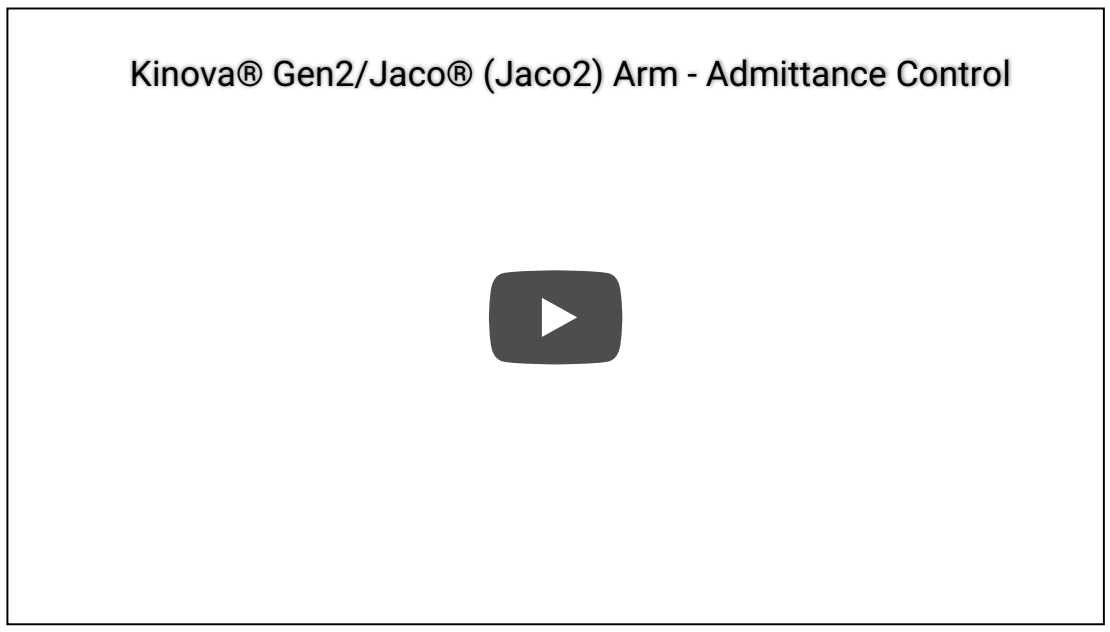
HW1.1. Find the number of degrees of freedom of a robot

In the following video, you can see the Kinova Gen2 robot manipulator in "admittance control" mode.



Ignoring the fingers, how many degrees of freedom does the robot have?

Number of degrees of freedom =	6	100%

What type(s) of joints can you identify?

- [ ] (a) Cylindrical
- [ ] (b) Universal
- [ ] (c) Spherical
- [x] (d) Revolute
- [ ] (e) Helical
- [ ] (f) Prismatic

Select all possible options that apply.

100%

Save & Grade *Unlimited attempts* | Save only

Submitted answer 4

correct: 100%

Submitted at 2021-10-31 15:17:04 (EDT)

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Ignoring the fingers, how many degrees of freedom does the robot have?

Homework 1

Assessment overview

Total points: 30/30

Score: 100%

Question

Value: 1

History: 1 1 1

Awarded points: 1/1

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Number of degrees of freedom = 6 100%

What type(s) of joints can you identify?

(d) Revolute ☐

100%

Submitted answer 3 correct: 100%

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Submitted answer 2 correct: 100%

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