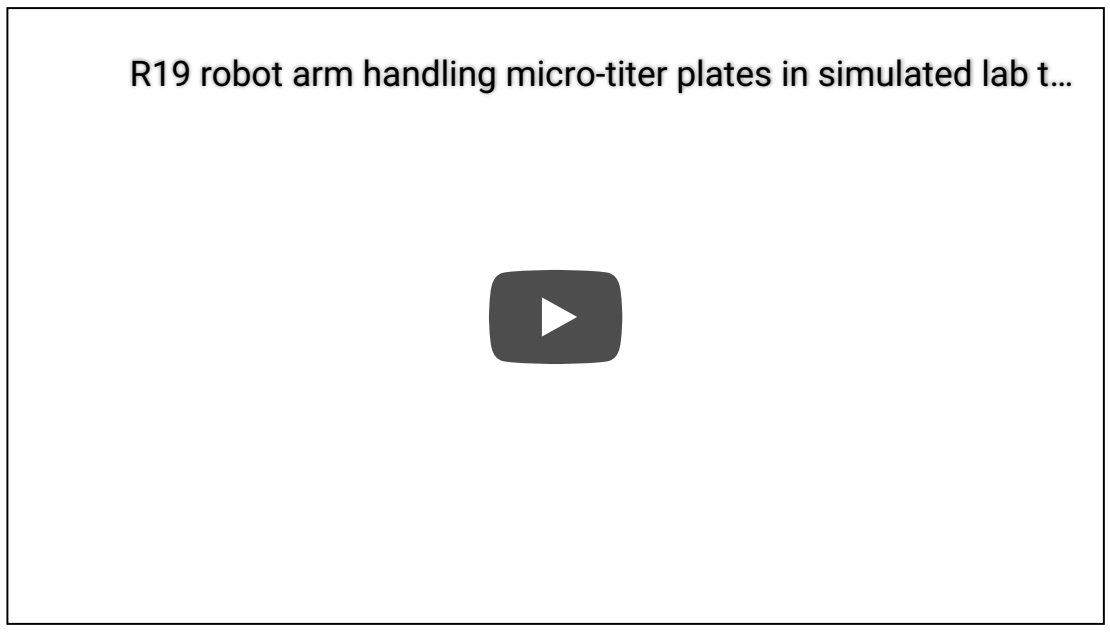
HW1.2. Find the number of degrees of freedom of a robot (part II)

In the following video, you can see the R19 robot from ST Robotics.



How many degrees of freedom does the robot have?

Number of degrees of freedom =	4	100%

What type(s) of joints can you identify?

Number of revolute joints =	2	100%
Number of prismatic joints =	2	100%
Number of spherical joints =	0	100%
Number of universal joints =	0	100%
Number of helical joints =	0	100%
Number of cylindrical joints =	0	100%

Save & Grade *Unlimited attempts* | Save only

Submitted answer

correct: 100%

Submitted at 2021-09-25 15:00:37 (EDT)

hide

How many degrees of freedom does the robot have?

Number of degrees of freedom = 4 100%

What type(s) of joints can you identify?

Homework 1

Assessment overview

Total points: 30/30

Score: 100%

Question

Value: 1

History: 1

Awarded points: 1/1

Report an error in this question

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Attached files

No attached files

Attach a file

Attach text

Number of revolute joints = 2 100% Number of prismatic joints = 2 100% Number of spherical joints = 0 100% Number of universal joints = 0 100% Number of helical joints = 0 100% Number of cylindrical joints = 0 100%