

Quiz: Ramp It Up

Introduction to Mobile Robotics > Anytime Activities > Ramp It Up

1. Will the robot shown here be stable on the incline in the picture? Briefly explain why or why not in terms of Center of Mass and Support Polygon.



2. Consider the stability of the following robots on small ramps.
 - a. Will this robot be stable on a small incline? Why or why not?



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b. Will this robot be stable on a small incline? Why or why not?



c. Will this robot be stable on a small incline? Why or why not?



NAME

DATE