Programming Exercises 4

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Overview

Programming Exercise 4

Programming Exercise 4 Bonus

Programming Exercise 4

- Program a function to do linear interpolation in joint space
- ► The built-in types LinearInterpolator (C++) and LinearInterpolatorQ (Python) can be used to solve the exercise
- ► Give the function an initial and final joint configuration Q and a duration
- Visualize the movement with the .rwplay files

Programming Exercise 4 bonus

- ► Make a Linear interpolation function that checks if the motion is possible with the device joint velocity or accelerations limits.
- Find out how small a duration can the motion be run with