Nanotechnology to Robotics

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Problem Set 3 Introduction to Nanotechnology

Due Week 6 March 25 2023

1. Matlab is capable of symbolic math. Let’s continue to work through the SimulateThePhysicsOfAPendulumsPeriodicSwingExample.mlx file. Create your own SimulatePendulumPeriodicSwingCopy.mlx. Note that running “playAnimation” in the live script seems to slow down Matlab slightly. Try to emulate the simulation animation shown in the original .mlx file in your copy. Change the swing period to twice as fast. Write down your code as an answer.