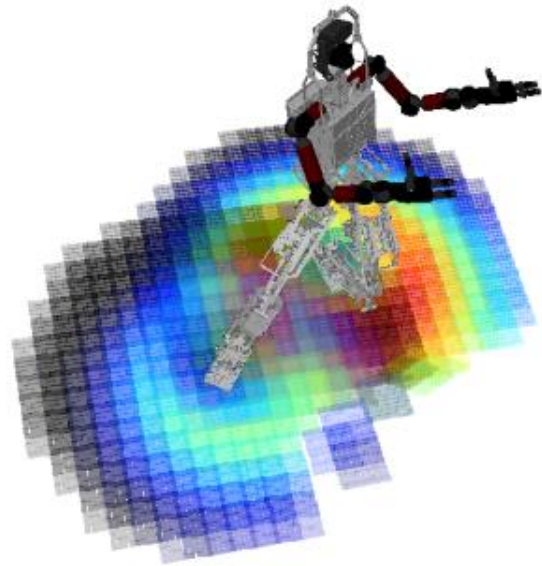
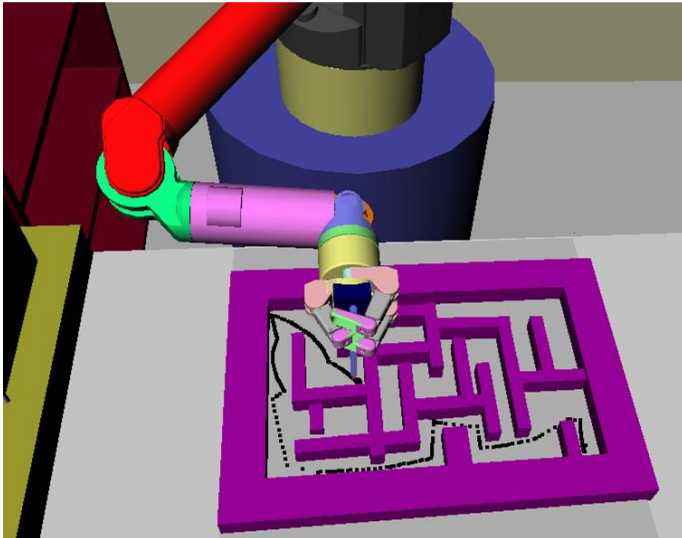


EECS 498: Introduction to Algorithmic Robotics Fall 2017



Course Description: An introduction to the algorithms that form the foundation of robot planning, state estimation, and control. Topics include optimization, motion planning, forward and inverse kinematics, position control, representations of uncertainty, Kalman filters, particle filters, and principle component analysis. Assignments focus on programming a robot to perform tasks in simulation.

Pre-requisites: Required: EECS 280. Recommended: EECS 281, Math 214.

Instructor: Prof. Dmitry Berenson

Time: MW 3:00 - 4:30pm