

Object rolling

Task:

Rolling an object between the robot's fingers

Method:

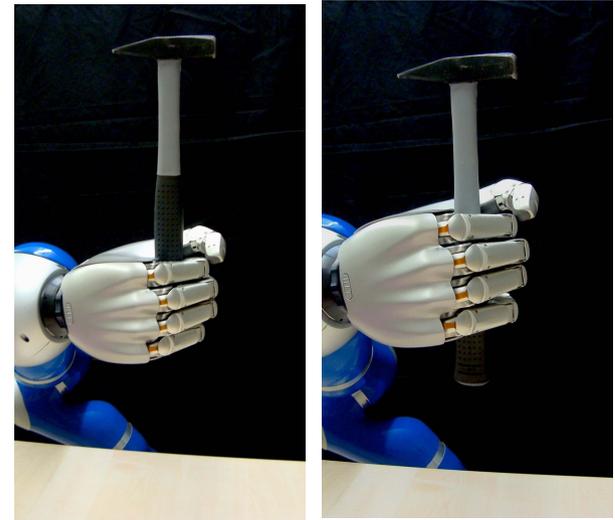
A new policy-search method.
Modeling the reward function
will make fitting policies easier.

Advisor: Herke van Hoof



Controlled slip

- Task: Letting an object slip between the robot's fingers can be helpful in manipulation
- Method: We will use a state-of-the-art policy search method introduced by Lever et al. (2015)
- Advisor: Herke van Hoof & Filipe Veiga



Finding visual kernels

- Kernel methods are helpful to deal with high-d, nonlinear data such as images
- However, a suitable kernel must be defined
- Project: Find a suitable kernel for regression task
- Advisor: Herke van Hoof

