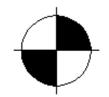
Real-time Pose Estimation of Deformable Objects Using a Volumetric Approach

Yinxiao Li, Yan Wang, Michael Case, Shih-Fu Chang, Peter K. Allen

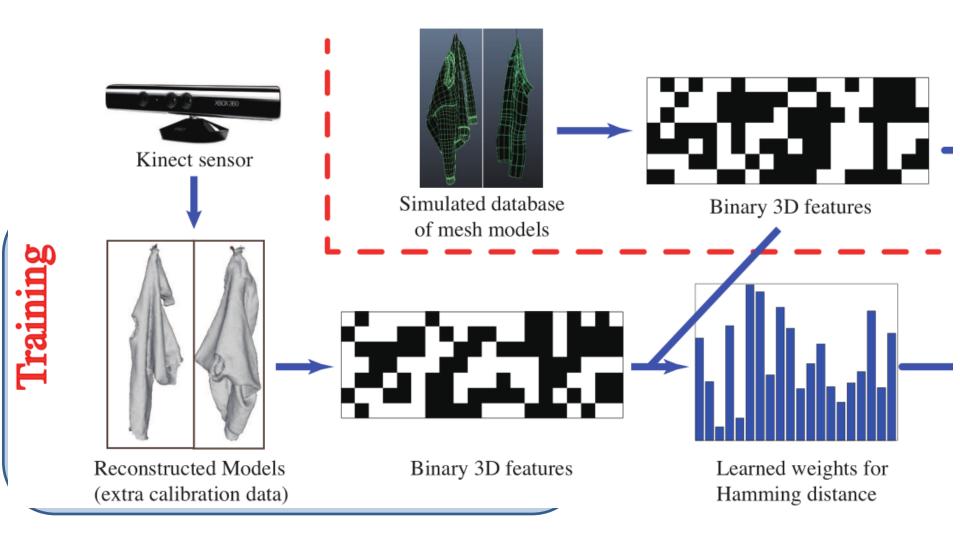


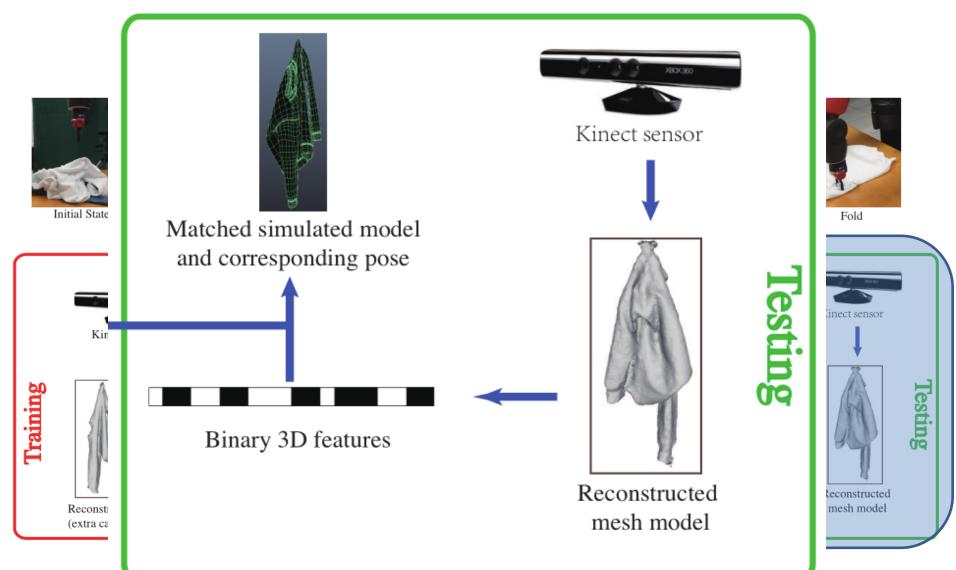
Columbia University Robotics Group

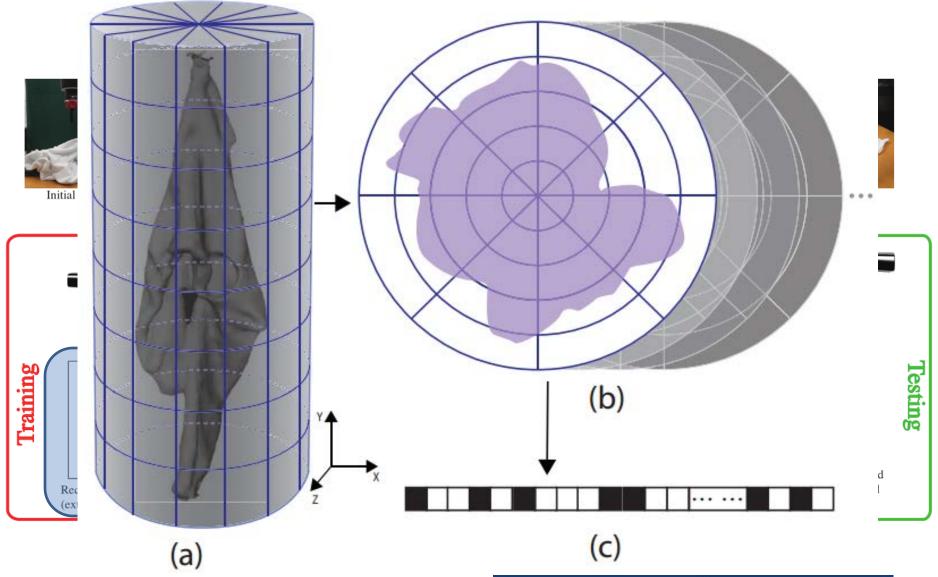




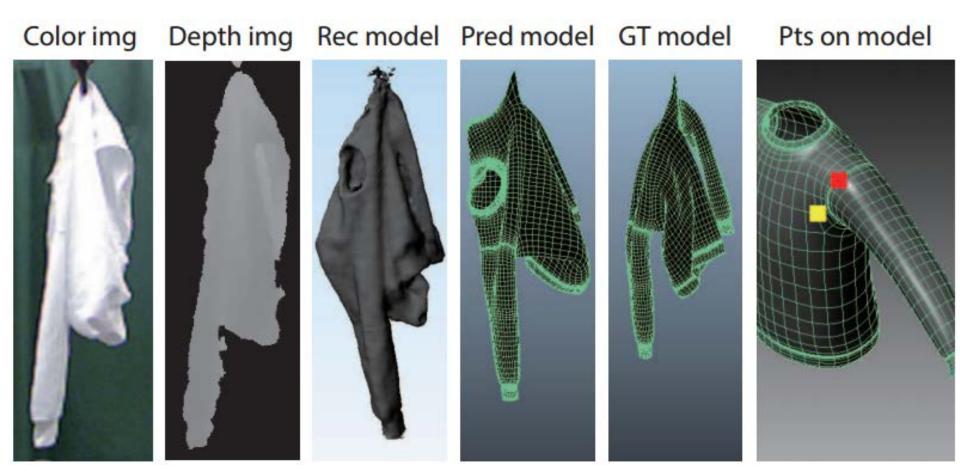








Experimental Results



• Average Distance Error: **13.6 cm** (28 tests)

Implement on a robot -- Video



The Baxter robot is picking up a sweater...