

Interpretable



Generalizable

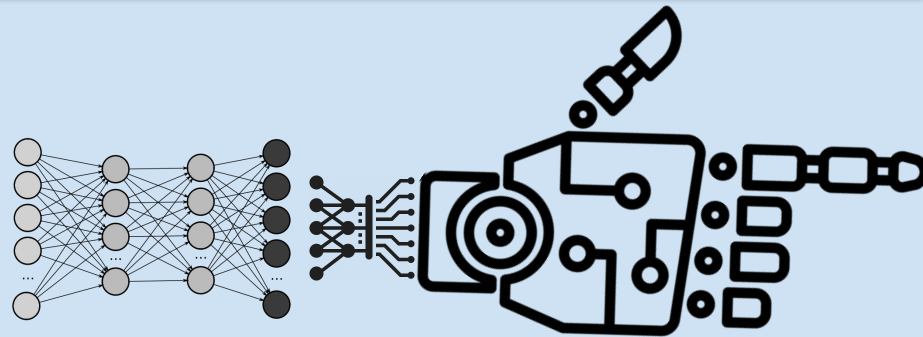


Clarify
Hardware
Requirement

Robust Grasping by Integrating Machine Learning with Physical Models

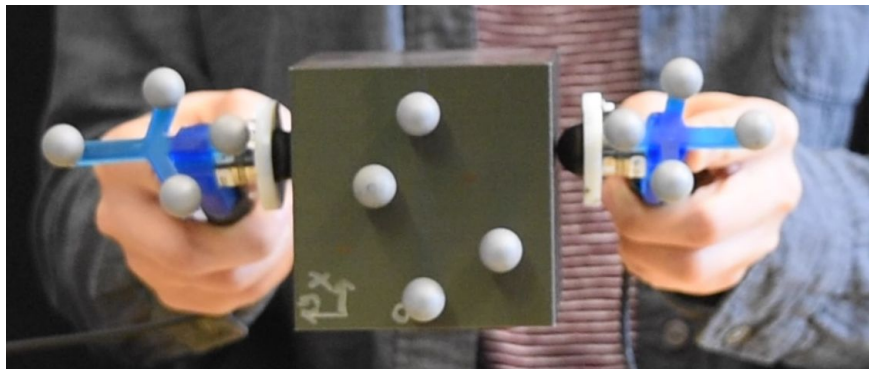
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Combine Machine Learning with Hardware

Preliminary Results



Sensor Data



Tracking Data



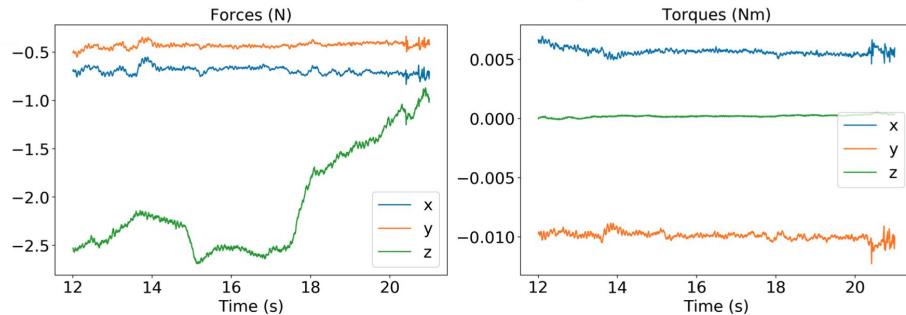
Intrinsic Tactile Sensing



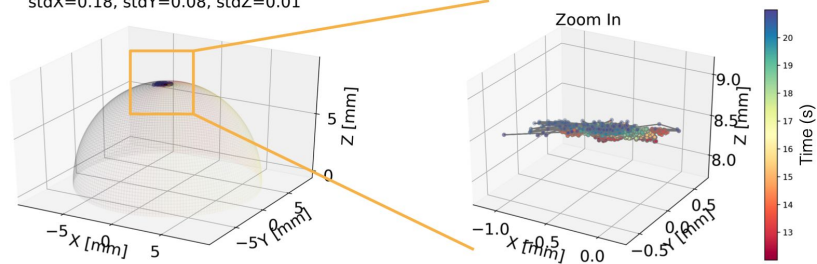
Slip Prediction

Validation

Intrinsic Tactile Sensing



meanX=-0.32, meanY=0.06, meanZ=8.49
mean radius=8.50 (expect 8.50)
stdX=0.18, stdY=0.08, stdZ=0.01



Slip Predictory Parameter

