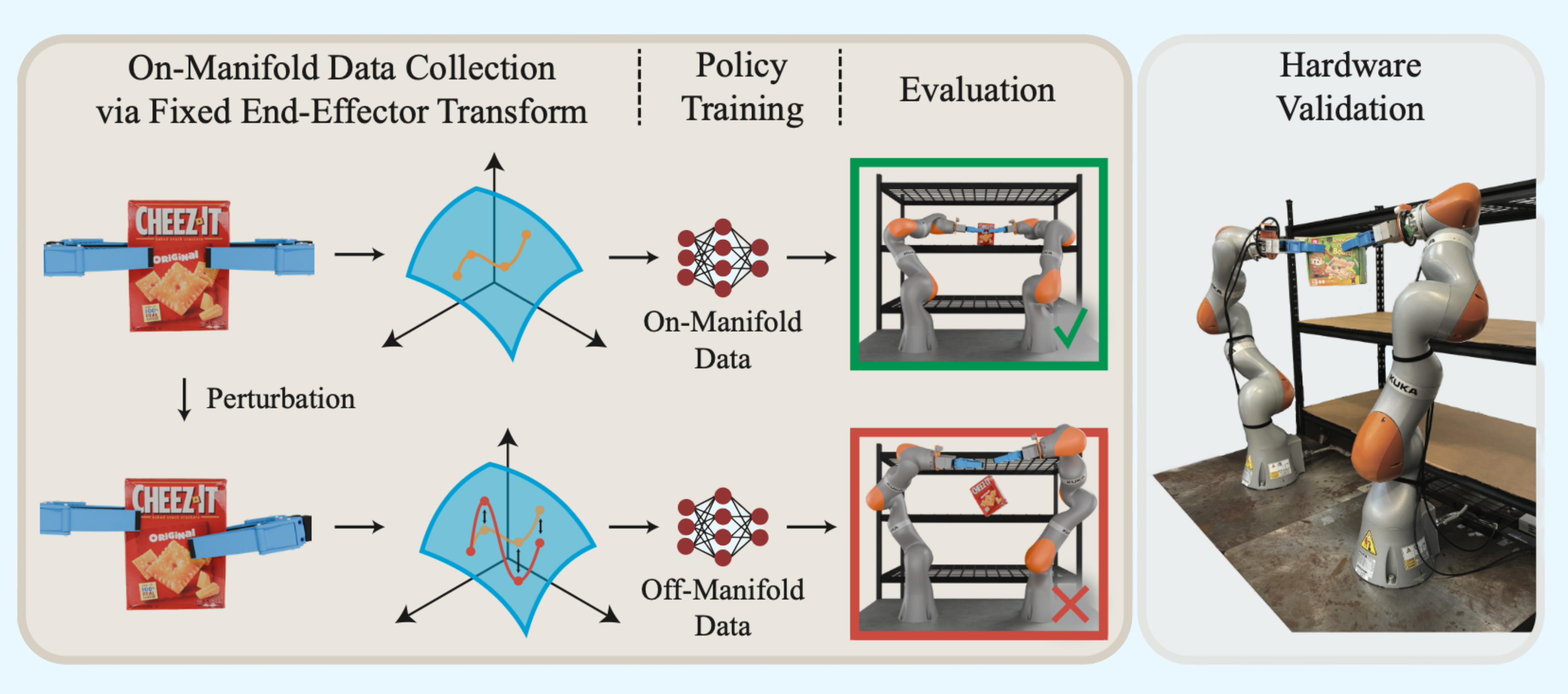
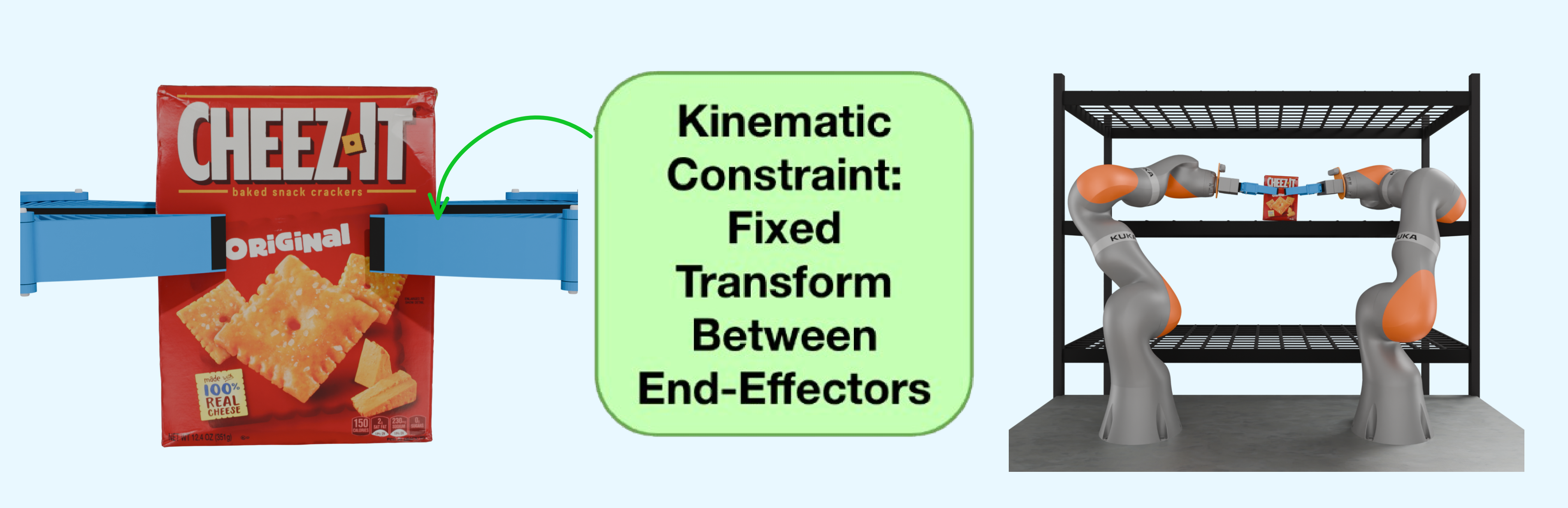


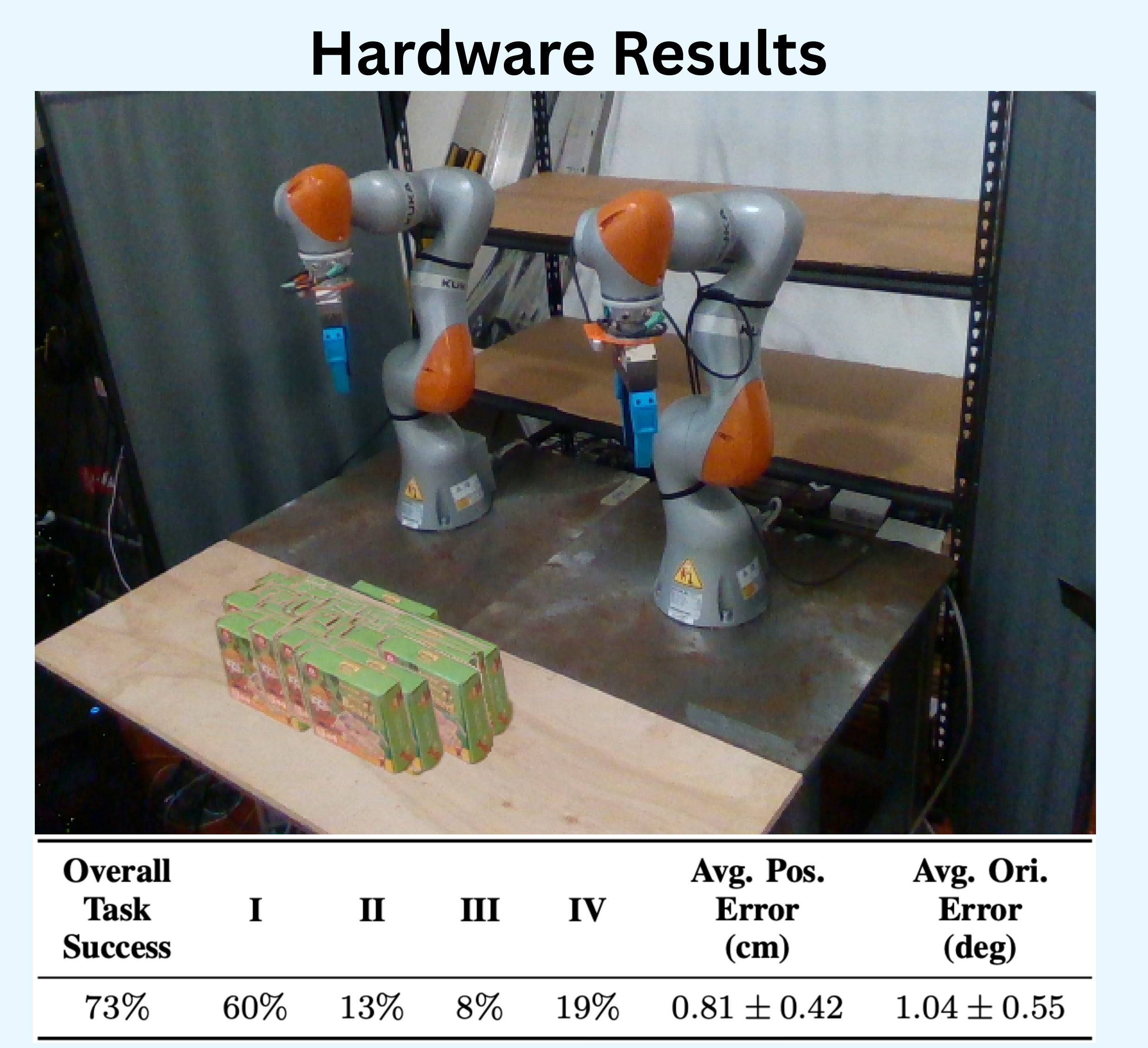
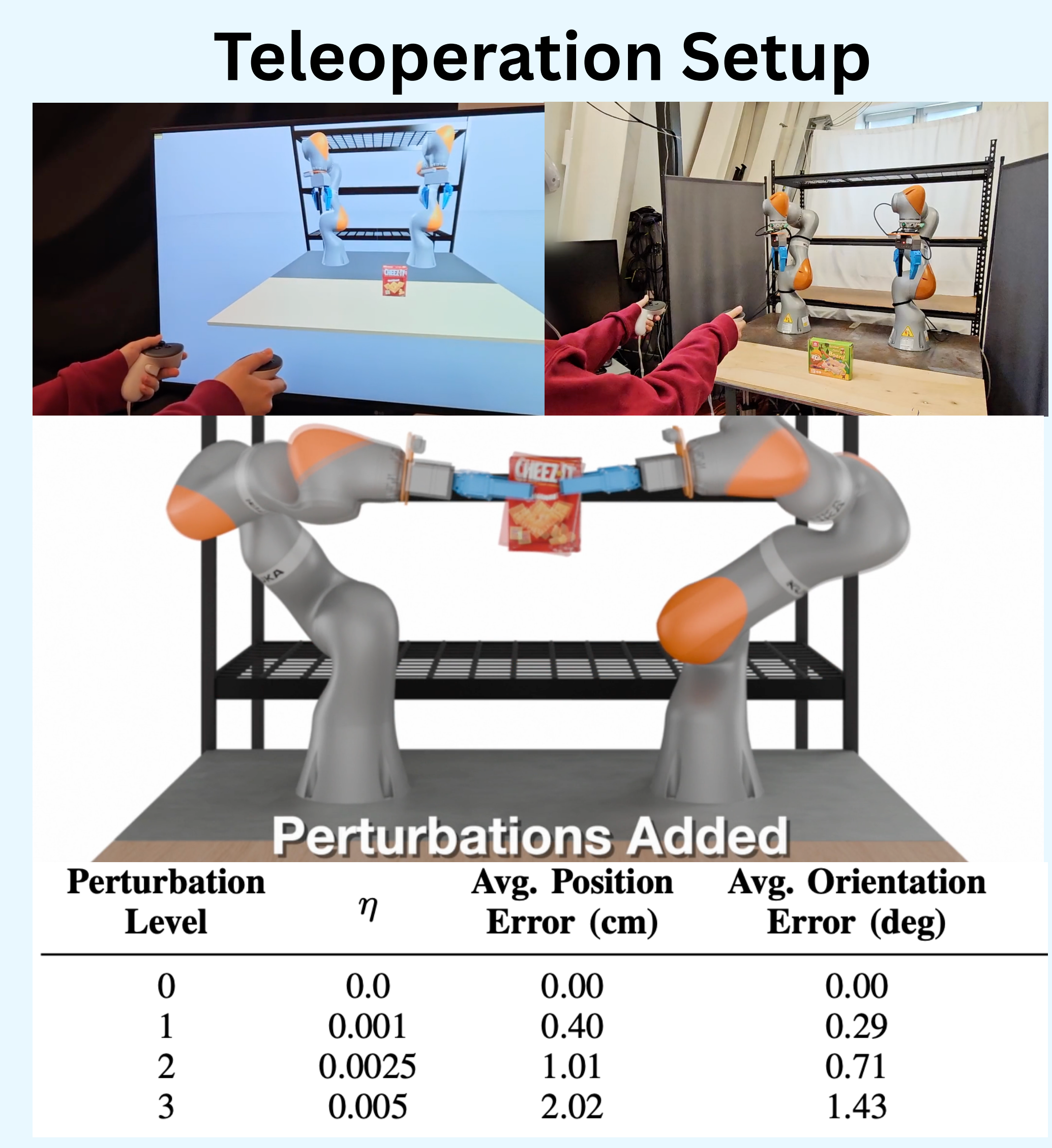
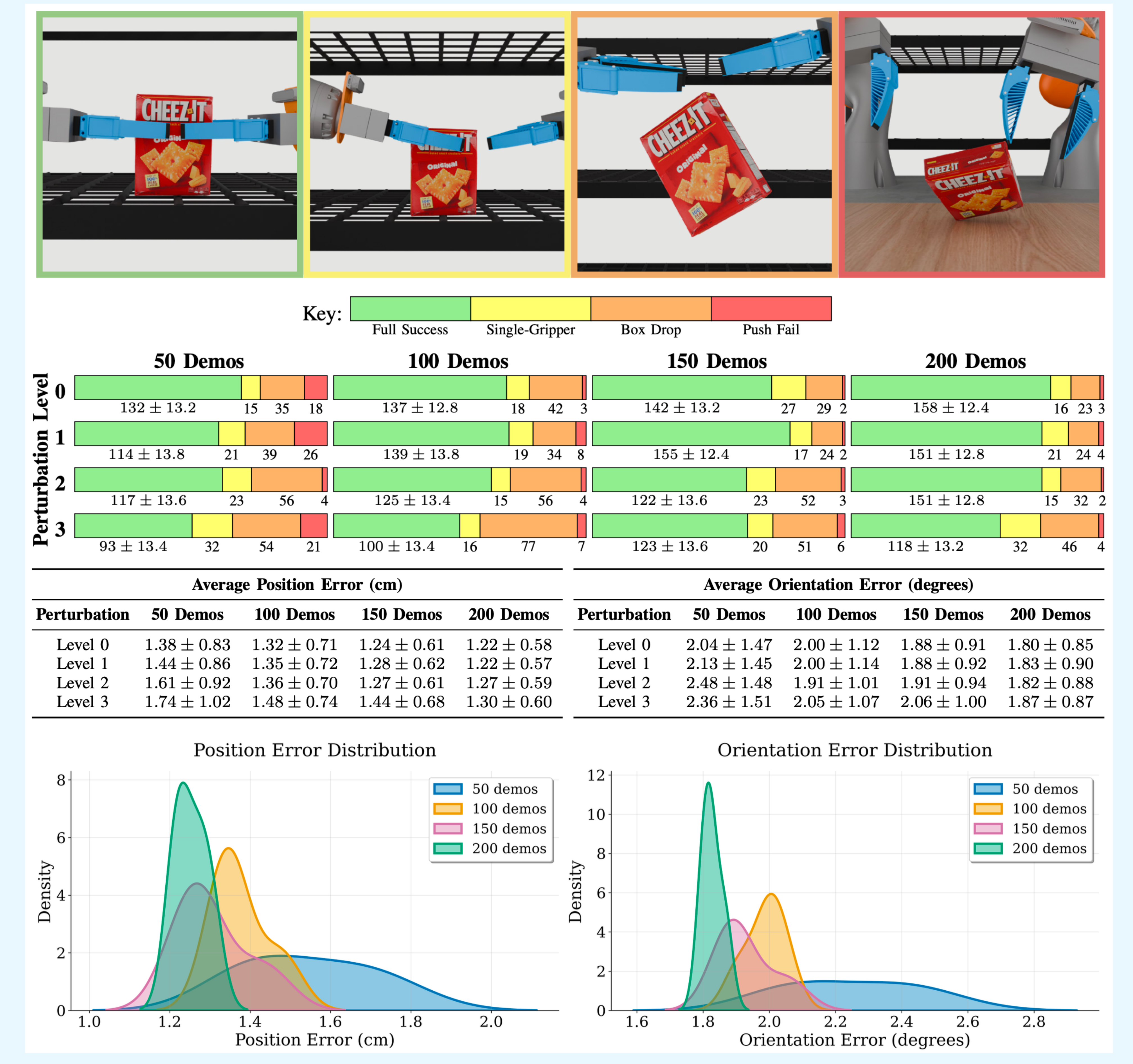


How Well Do Diffusion Policies Learn Kinematic Constraint Manifolds?

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Massachusetts Institute of Technology



Simulation Results



Key Insights

1

Diffusion policies learn a coarse approximation of kinematic constraint manifolds.

2

Data quality is a critical determinant of success when kinematic constraints are involved.