

Auto-Reconstruction



⋮



⋮



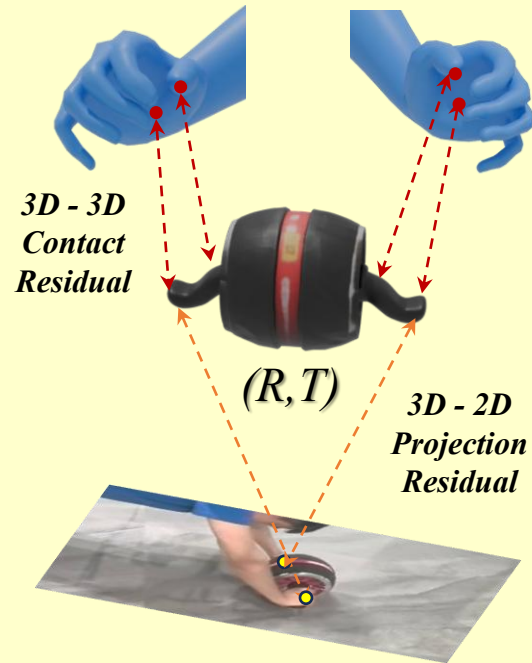
⋮



⋮



HOI-KPSolver



3D - 3D
Contact
Residual

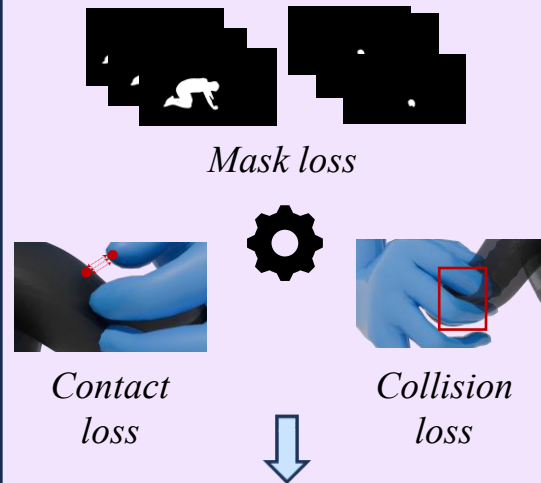
(R, T)

3D - 2D
Projection
Residual



Human
Limb-IK

HOI-Optimizer



Mask loss

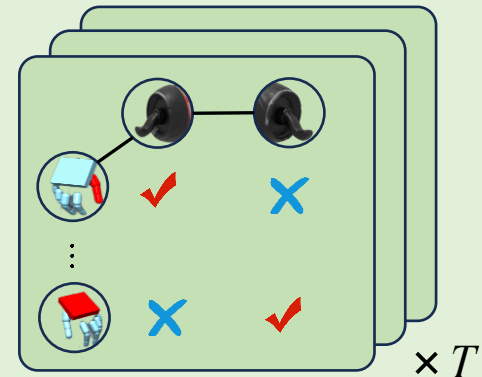
Contact
loss

Collision
loss

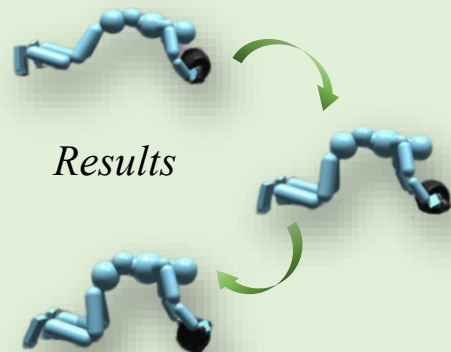
Optimization Result



HOI Simulation



KP Contact Reward



Results