

01

Privileged teacher

Object state + future reference

Labels student-visited states

02

Online learning

Mixed DAgger / PPO loss

Teacher labels + task rewards

03

Student rollout

Student executes finger actions

Contacts produce the next state

FINAL STUDENT: CLUSTER + PHASE

Cluster

Grasp family

Agent-selected intent

Phase

Execution stage + timing

Runtime coordination

Local feedback

Proprioception + fingertip force

Closed-loop sensing

Recurrent hand controller

Finger actions from local feedback / Wrist motion from the external controller