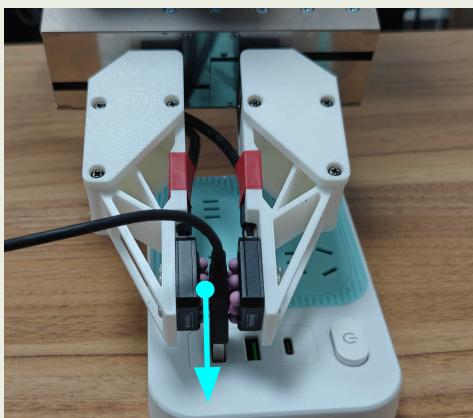
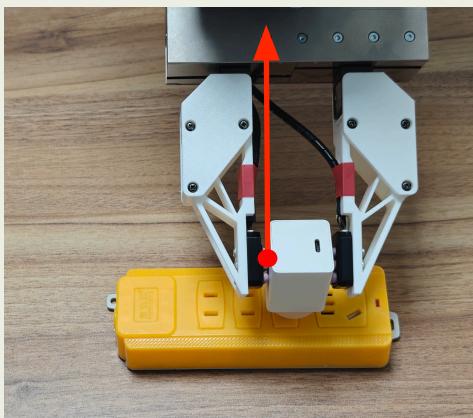


(a). Tactile-Aware Instruction Following

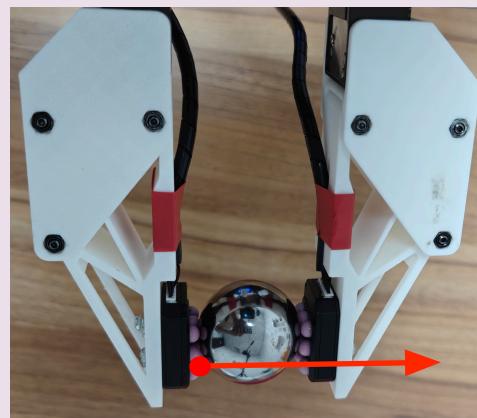


Learned Skill
Applying low force for
"insert USB gently"

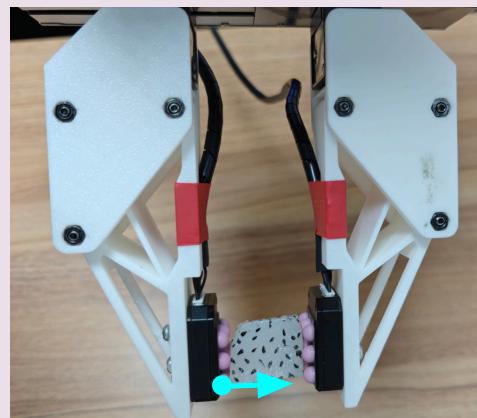


Generalized Skill
Applying high force for "pull
out charger hard"

(b). Utilizing Tactile-Relevant Common Sense

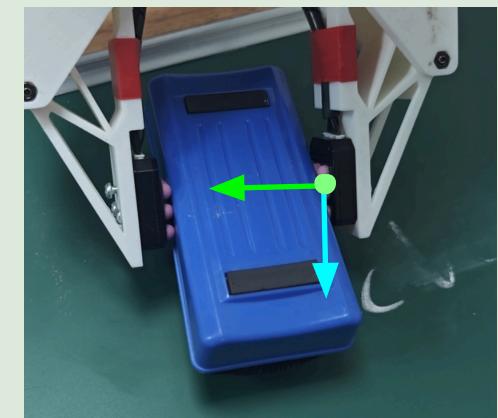


Known Object
Applying firm grip force for
a heavy iron ball.

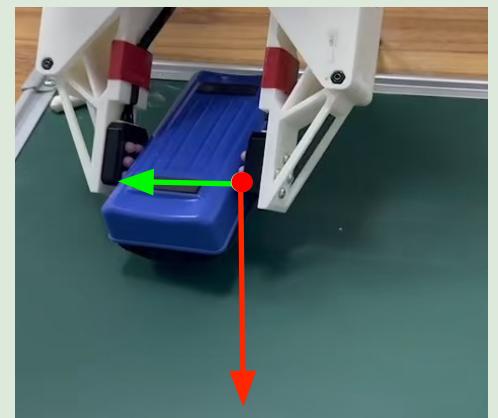


Unseen Object
Applying gentle grip force
for a fragile pitaya.

(c). Adaptive Tactile-Involved Reasoning



Initial Failure
Wipe fails due to insufficient
downward pressure in a new scenario.



Corrective Action
Increasing downward pressure based
on reasoning for a successful wipe