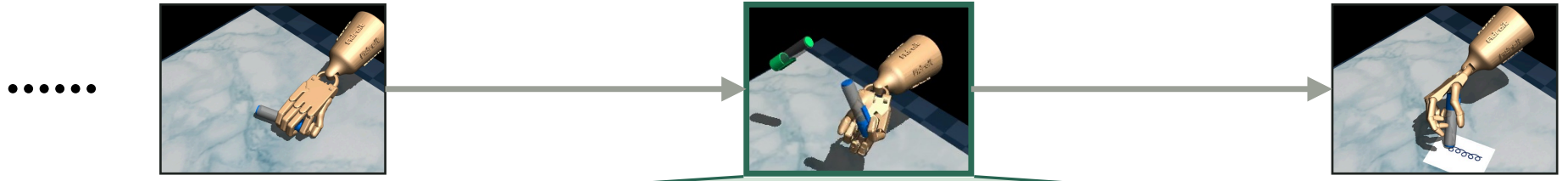
High-level Control

LONG-HORIZON TASK

"Pick up the pen and write a letter"

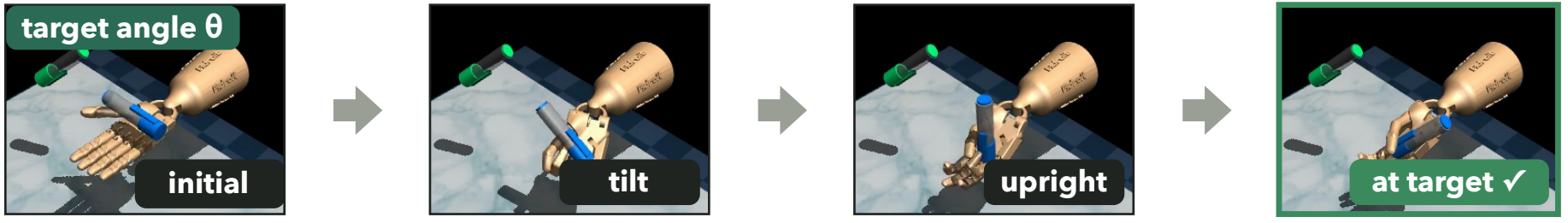
grasp(pen) → **rotate(pen, θ)** → write(text)



CONTROL PRIMITIVE

Low-level Control

"Reorient the pen to the target angle."



Code *as* Primitives

"A frontier model writes dexterous controllers."

1 Design the model designs the policy class

```
def select_action(observation):
  ...
  action = POLICY(...)
  ...
  return action
POLICIES = [POLICY_0, POLICY_1, ...]
```

roll out

refine

2 Search for the Best Policy



3 Freeze Policy

30/30

Held-out Successes