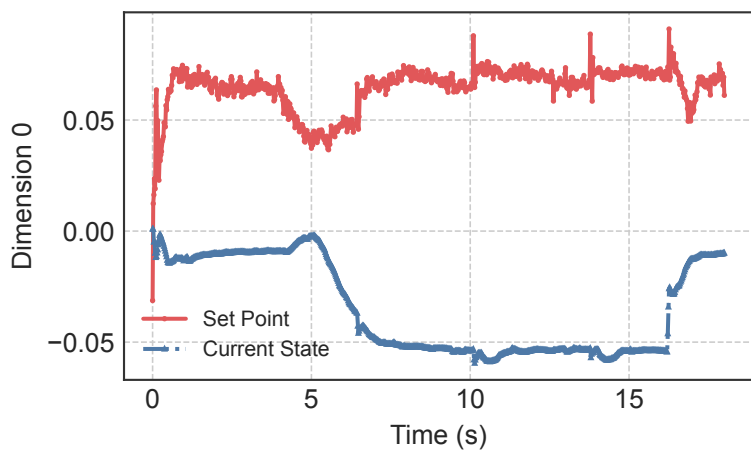# Test Report

Report generated on: 2025-03-13 20:30:37

This report provides an in-depth overview of key performance metrics, encompassing the following analyses:

- Set Points vs. Actual State

- Command vs. Actual Values
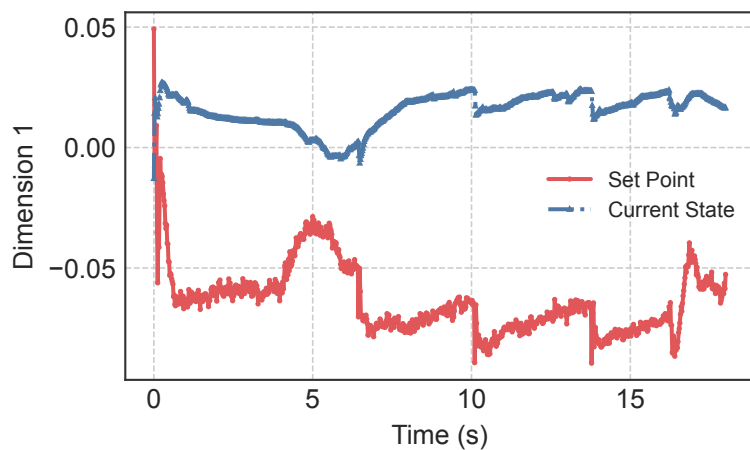
- Action oscillation
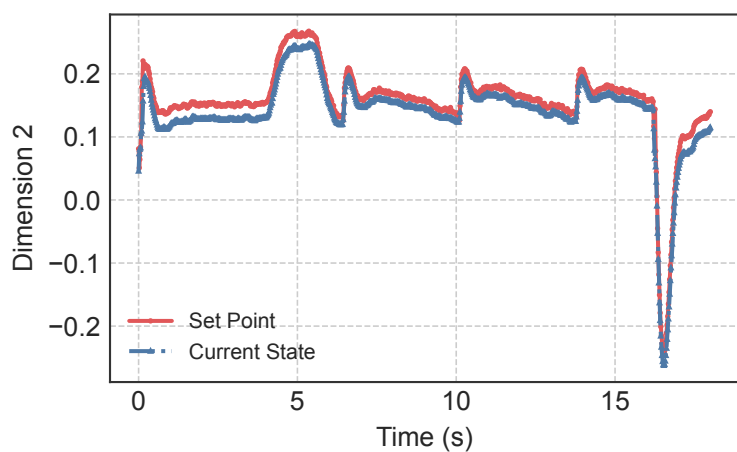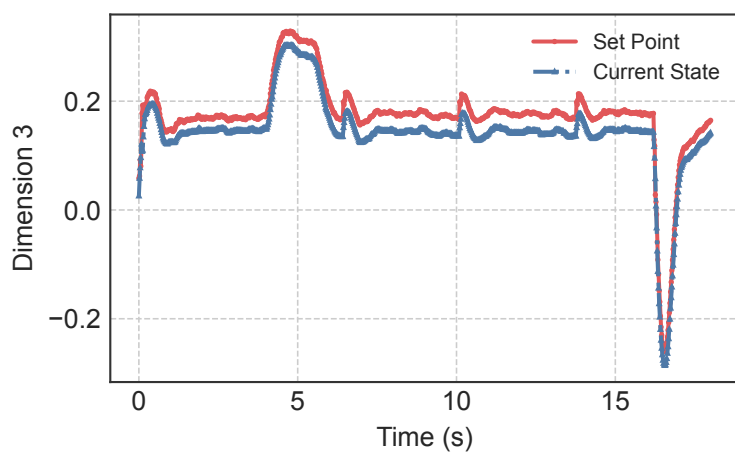
- Actual Torques

Set Points vs. Actual State

COCELO
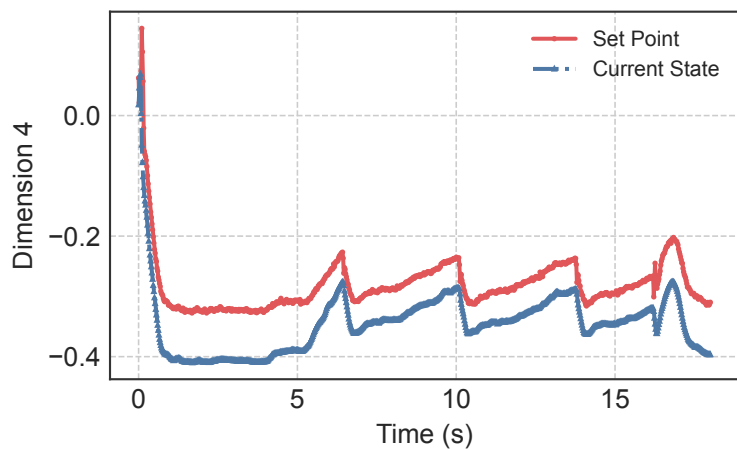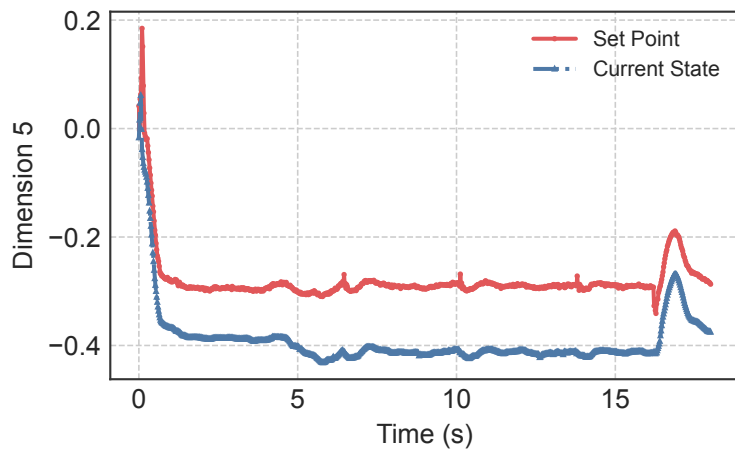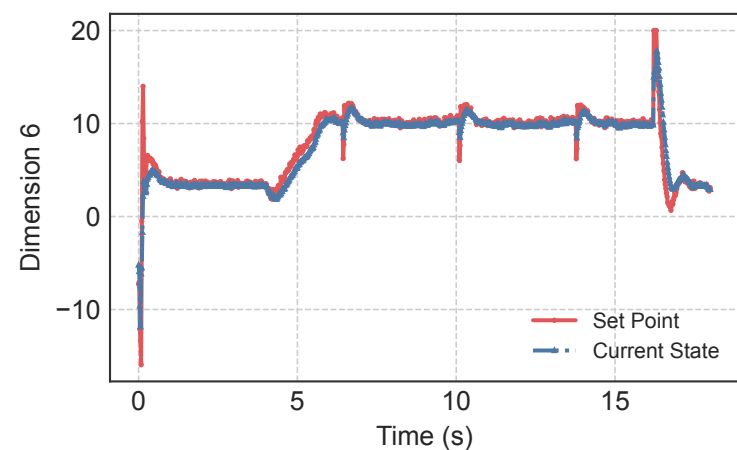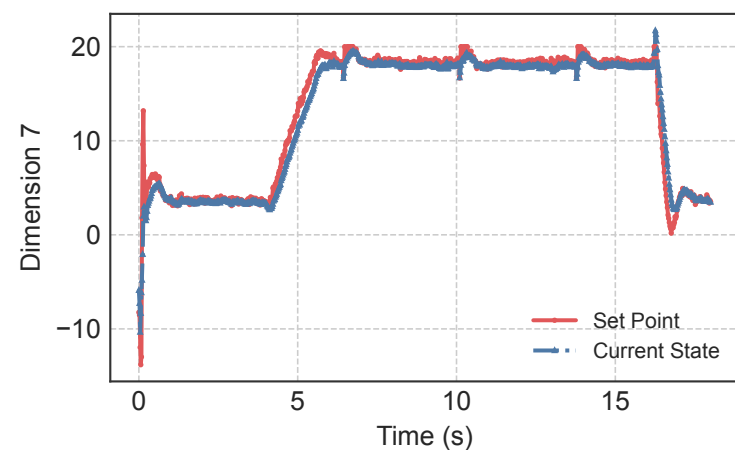
Command vs. Actual Values

Linear Velocity X

Linear Velocity Y

Angular Velocity Z

Position Z

Angular Roll

Angular Pitch

Action Difference (Oscillation) and Torques

COCELO

Action Difference (Oscillation)

Torque of Each Joint
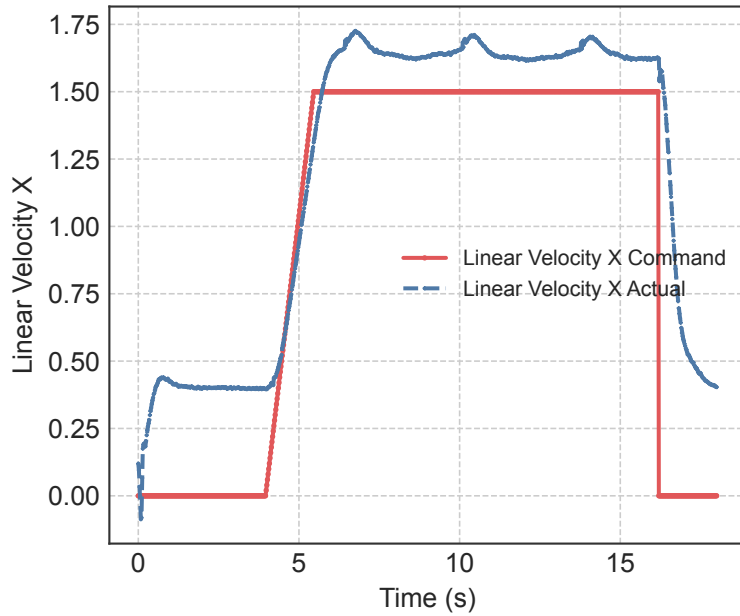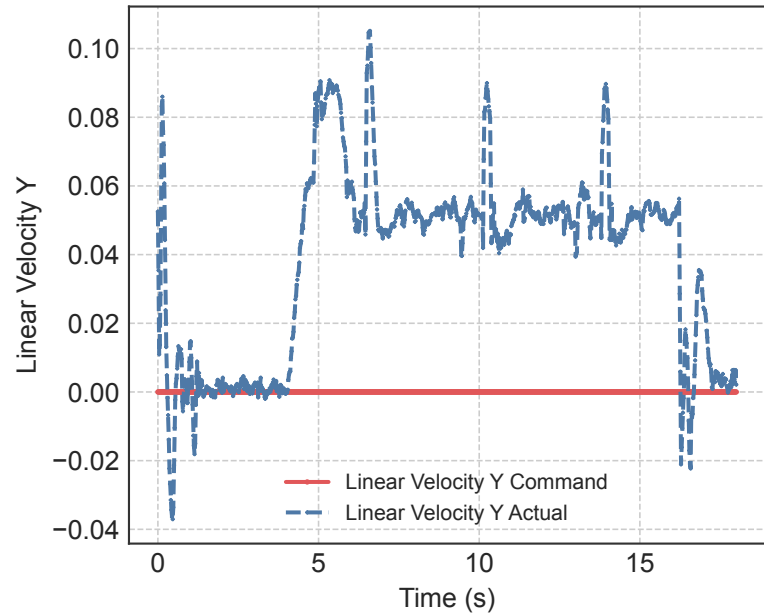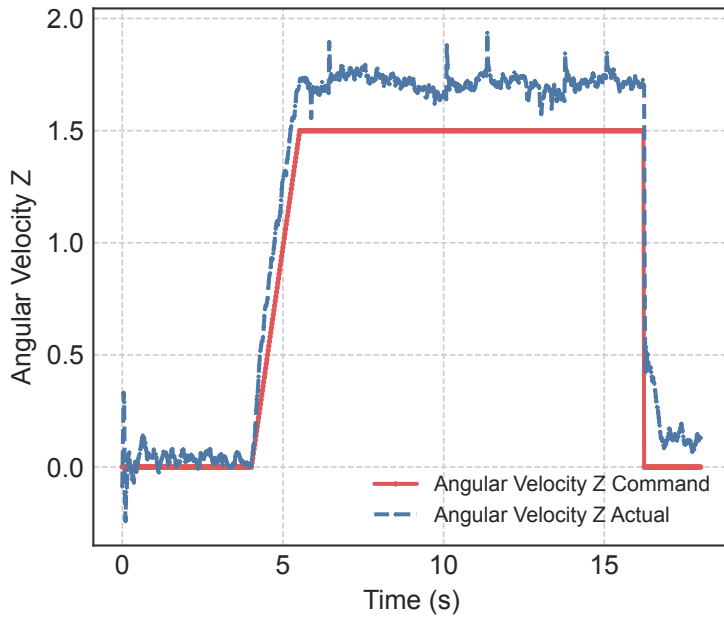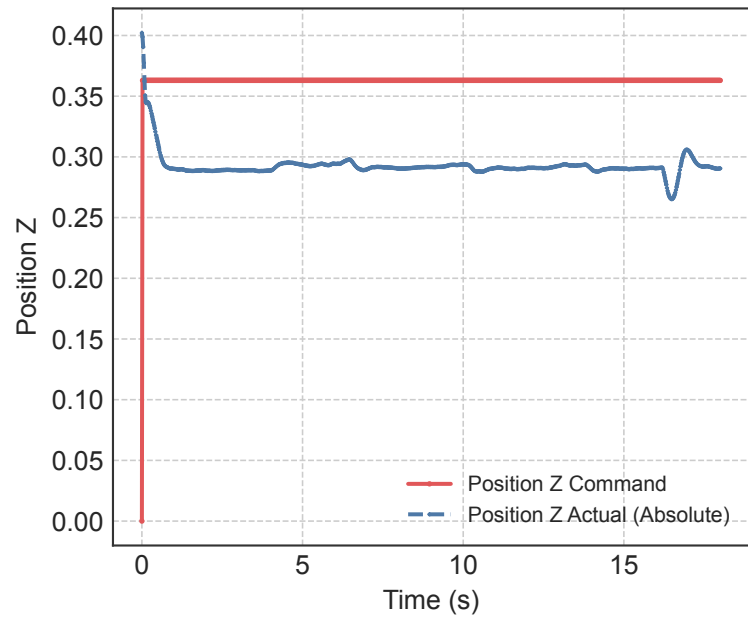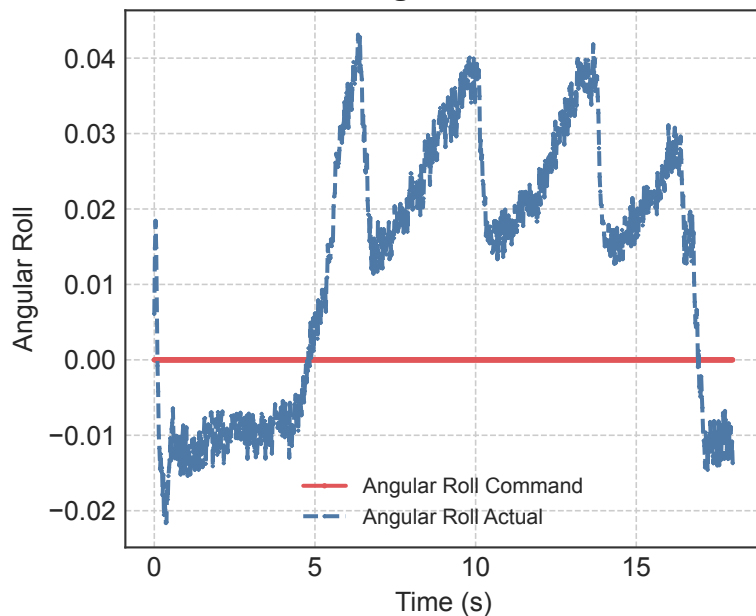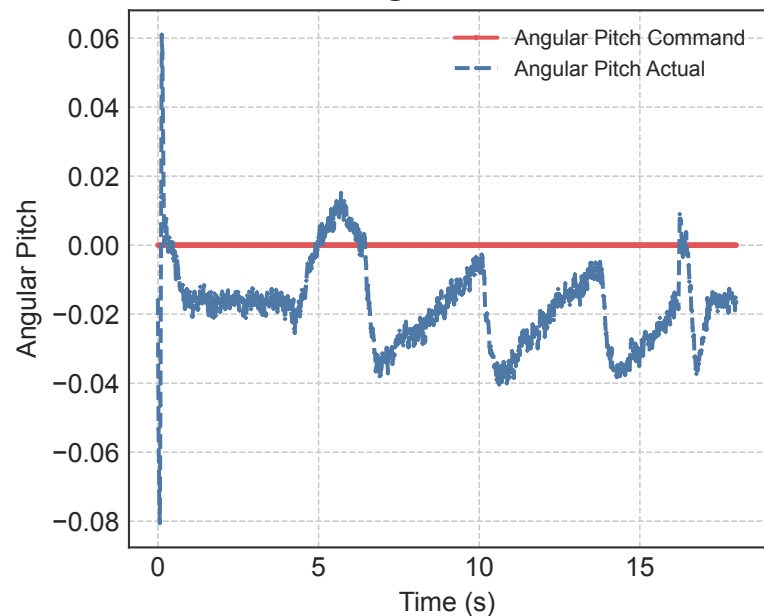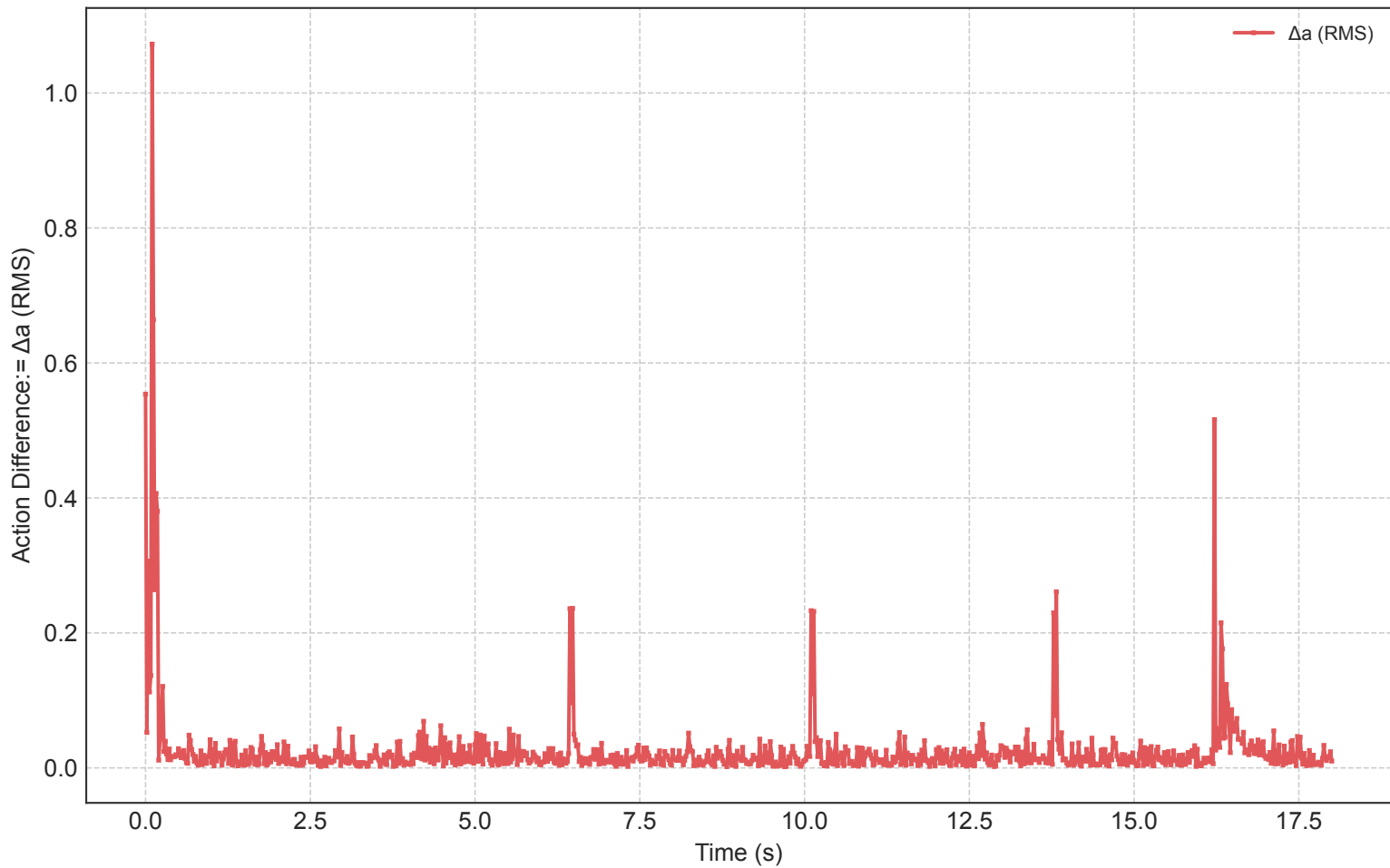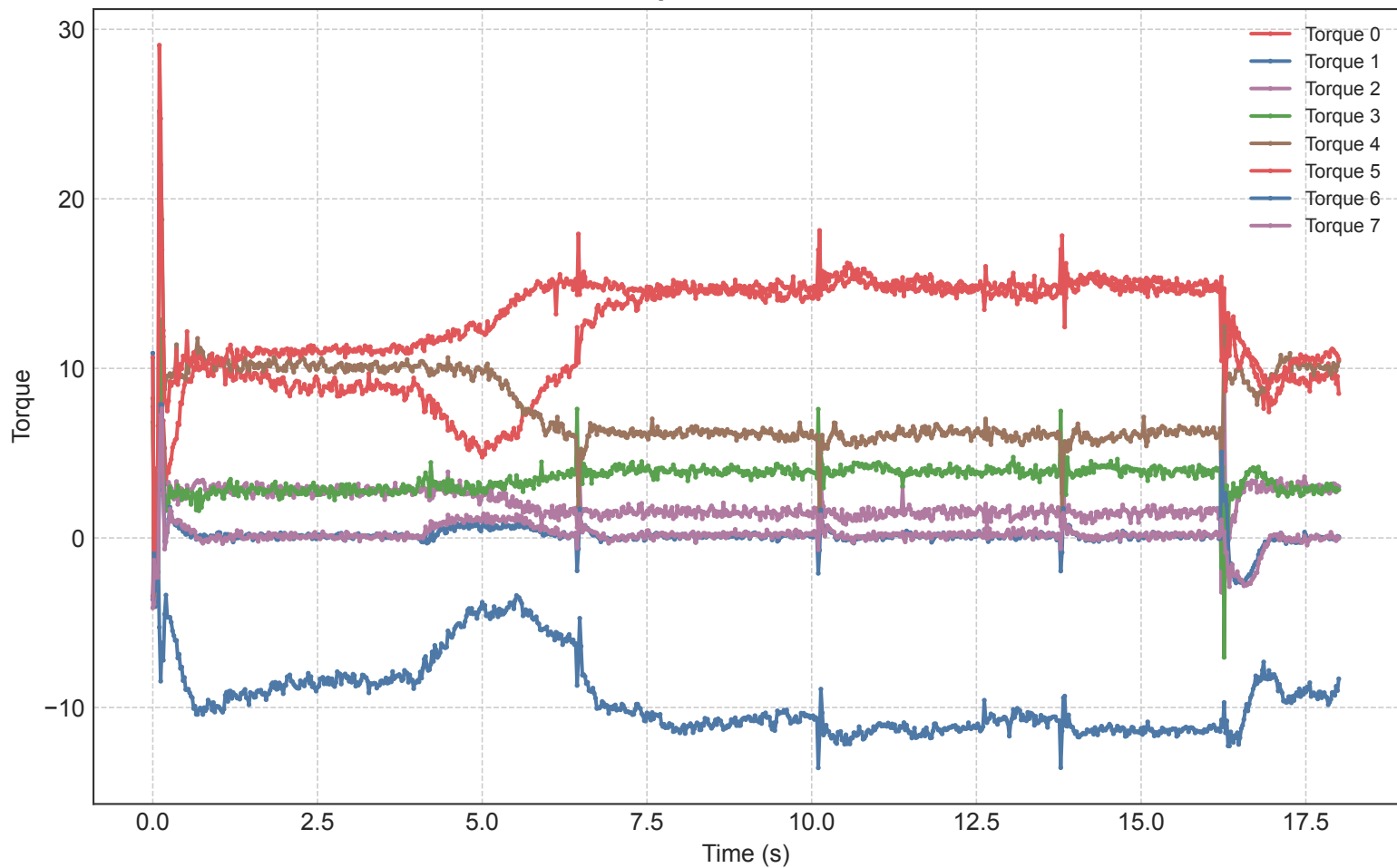
Configuration

Parameter	Value
env	
id	flamingo_v1_4
terrain	flat
action_in_state	True
time_in_state	False
max_duration	180.0
observation_dim	20
command_dim	6
action_dim	8
num_stack	3
policy	
use_lstm	False
h_in_dim	256
c_in_dim	256
onnx_file	policy_sample_v1_3.onnx
random	
precision	medium
sensor_noise	low
init_noise	0.05
sliding_friction	1.0
torsional_friction	0.02
rolling_friction	0.01
friction_loss	0.1
action_delay_prob	0.05
mass_noise	0.05
load	0.0
hardware	
Kp_hip	120.0
Kp_shoulder	120.0
Kp_leg	120.0
Kd_hip	2.0
Kd_shoulder	2.0
Kd_leg	2.0
Kp_wheel	0.0
Kd_wheel	0.5
joint_max_torque	45.0
wheel_max_torque	45.0