>> main\_opt\_v20

---------- START RUNNING: 10-Jun-2023 15:52:30 ----------

---------- INPUT USERS SETTING FOR OPTIMIZATION ----------

---------- PREPROCESS ----------

---------- START OPTIMIZATION ----------

\*\* START: Find x0 with bestfval < 0.05

\* Find x0: 1 times

Optimization stopped by a plot function or output function.'

Best Mean Stall

Iteration f-count f(x) f(x) Iterations

0 10 0.02764 NaN 0

\* Find x0: 0.12499

\* exitflag: -1

\*\* END: Find x0 with bestfval < 0.05

\*\*\* Find x0: 5.5 seconds

\*\* START: Find x with bestfval < 0.0001

\* Find x: 1 times

Max

Iter Func-count f(x) Constraint MeshSize Method

0 1 0.0119866 0.003239 1

1 21 5.25352e-05 0 0.009772 Update multipliers

Stop requested.

\* Find x: 0.1157

\* exitflag: -1

\*\* END: Find x

\*\*\* Find x: 32.5 seconds

OPT parameter: 0.1157

---------- SHOW OPTIMAL RESULTS ----------

Target muscle parameter:

0.1157

Optimal muscle parameter:

0.1157

Motion 1 joint angle prediction error: 1.1e-05

Motion 1 joint speed prediction error: 5.1e-05

Motion 2 joint angle prediction error: 3e-06

Motion 2 joint speed prediction error: 5.4e-05

---------- VALIDATE OPTIMAL RESULTS ----------

Validate motion joint angle prediction error: 0.0003

Validate motion joint speed prediction error: 0.0006

---------- END RUNNING: 10-Jun-2023 15:53:14 ----------