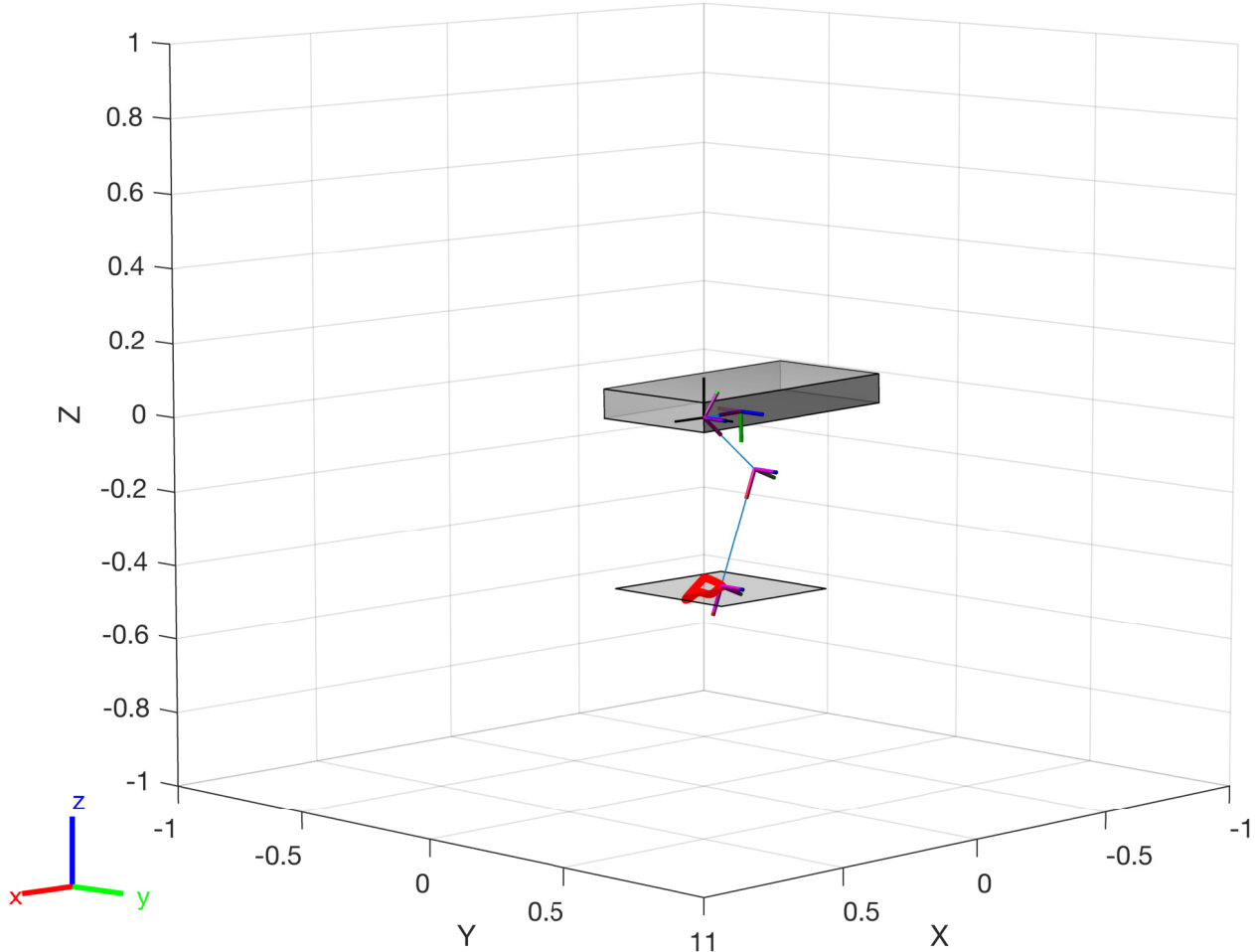
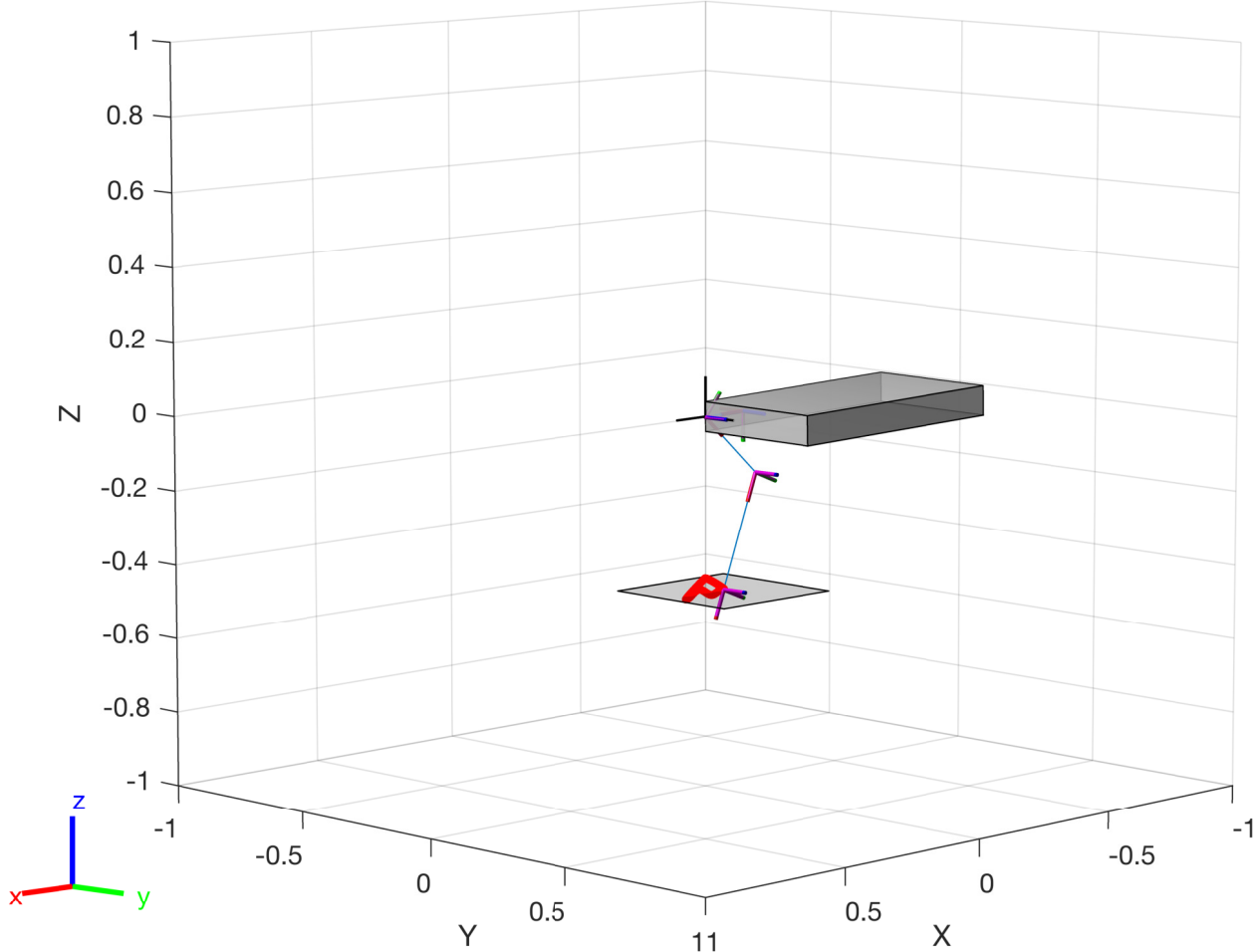


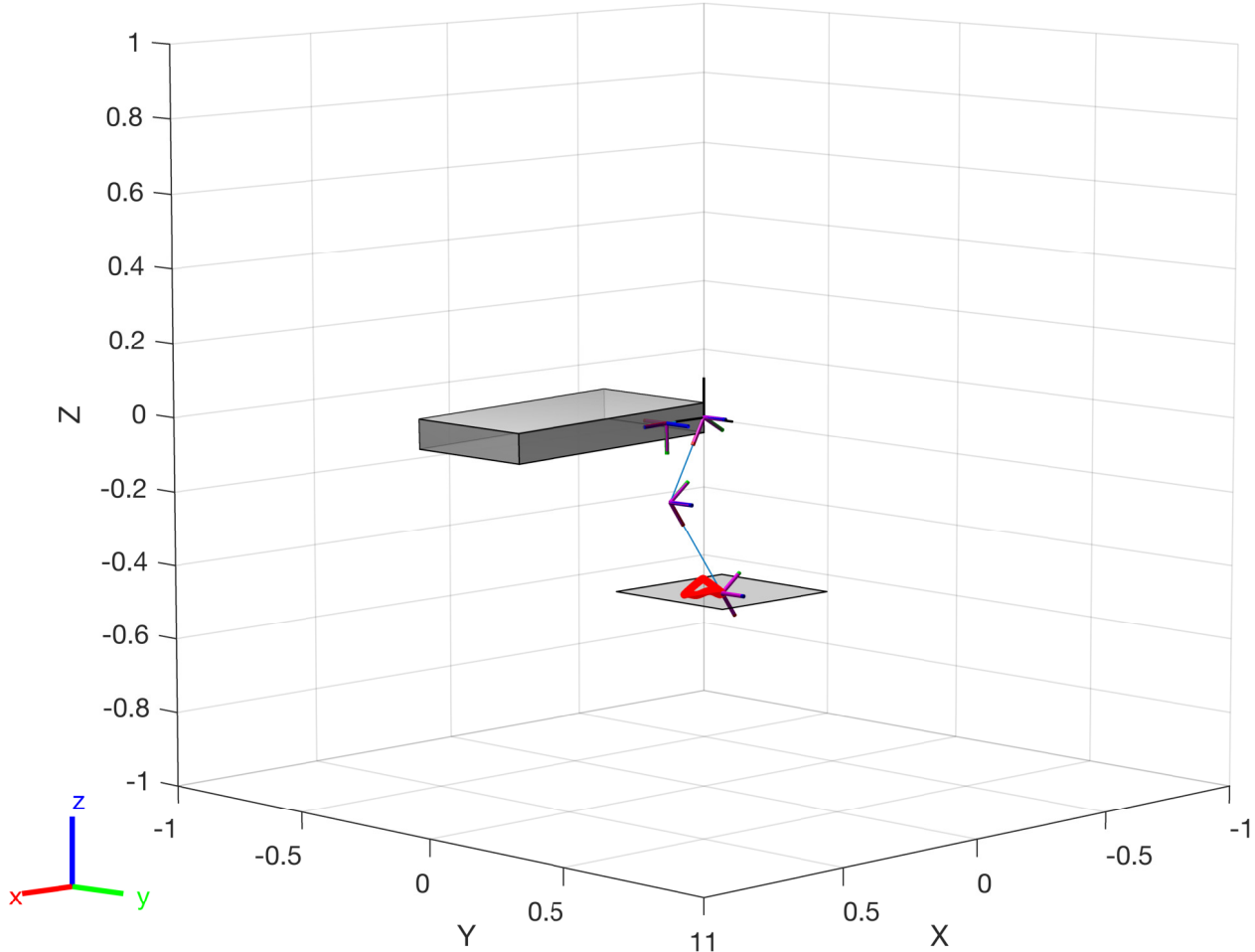
Nominal LF



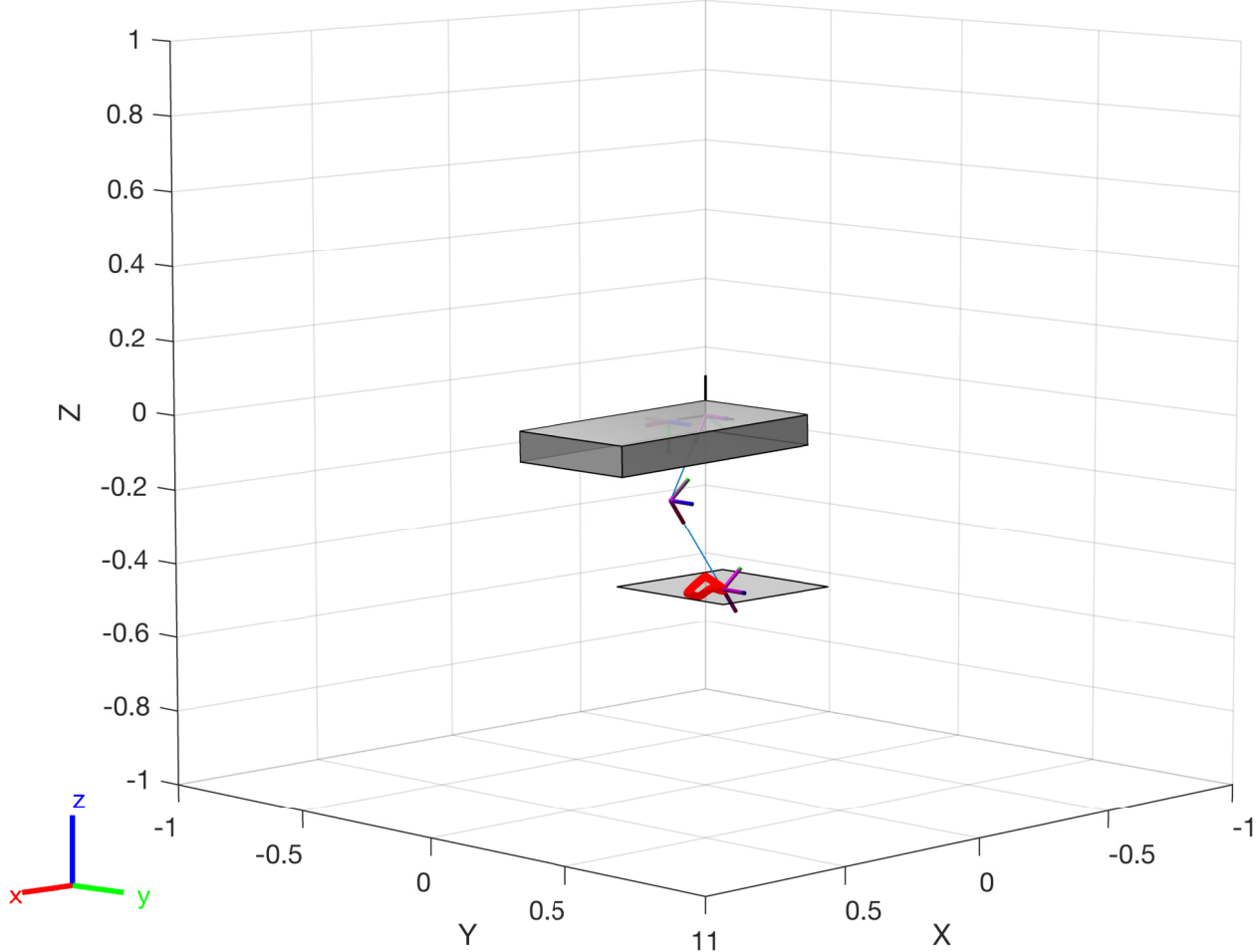
Nominal RF



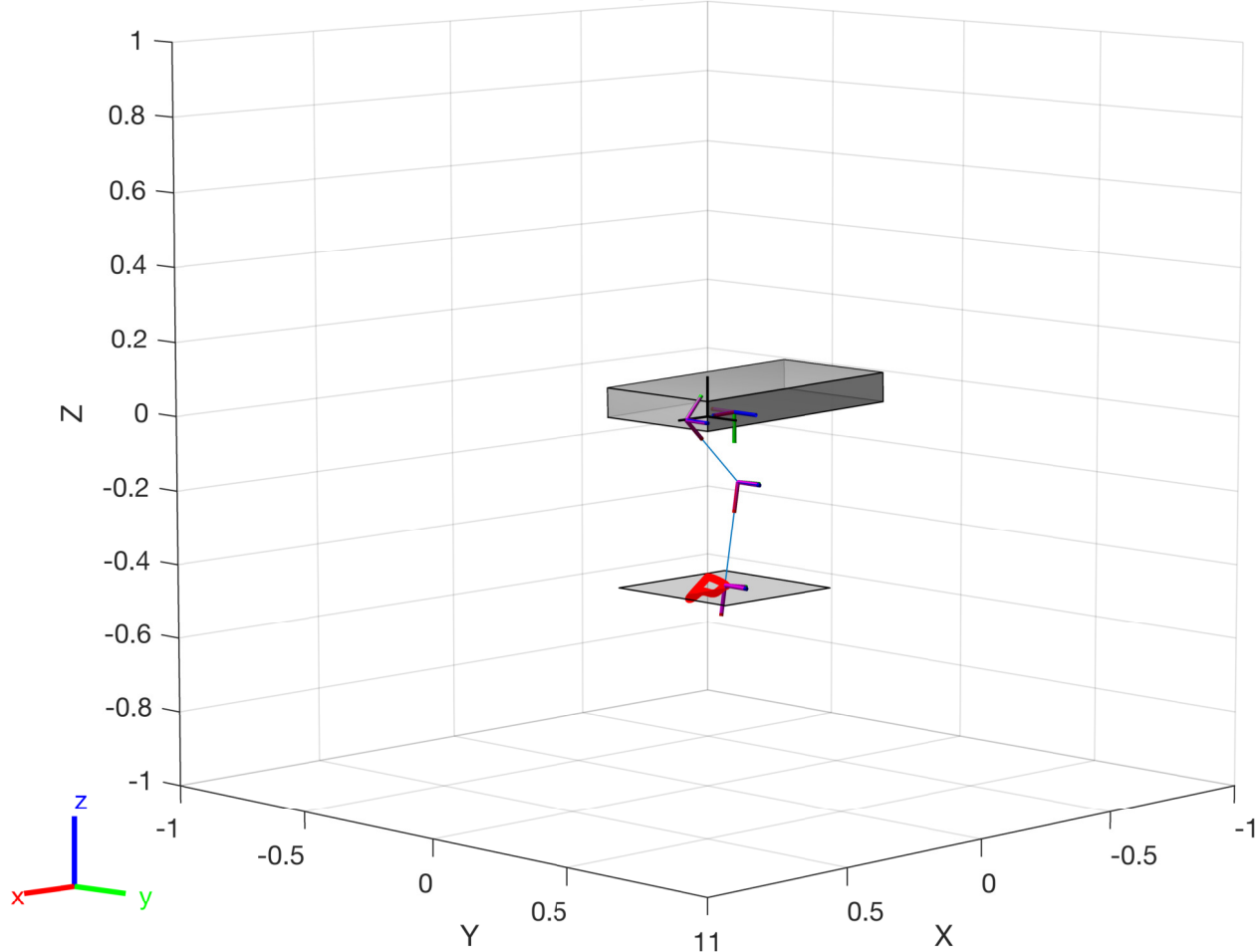
Nominal LH



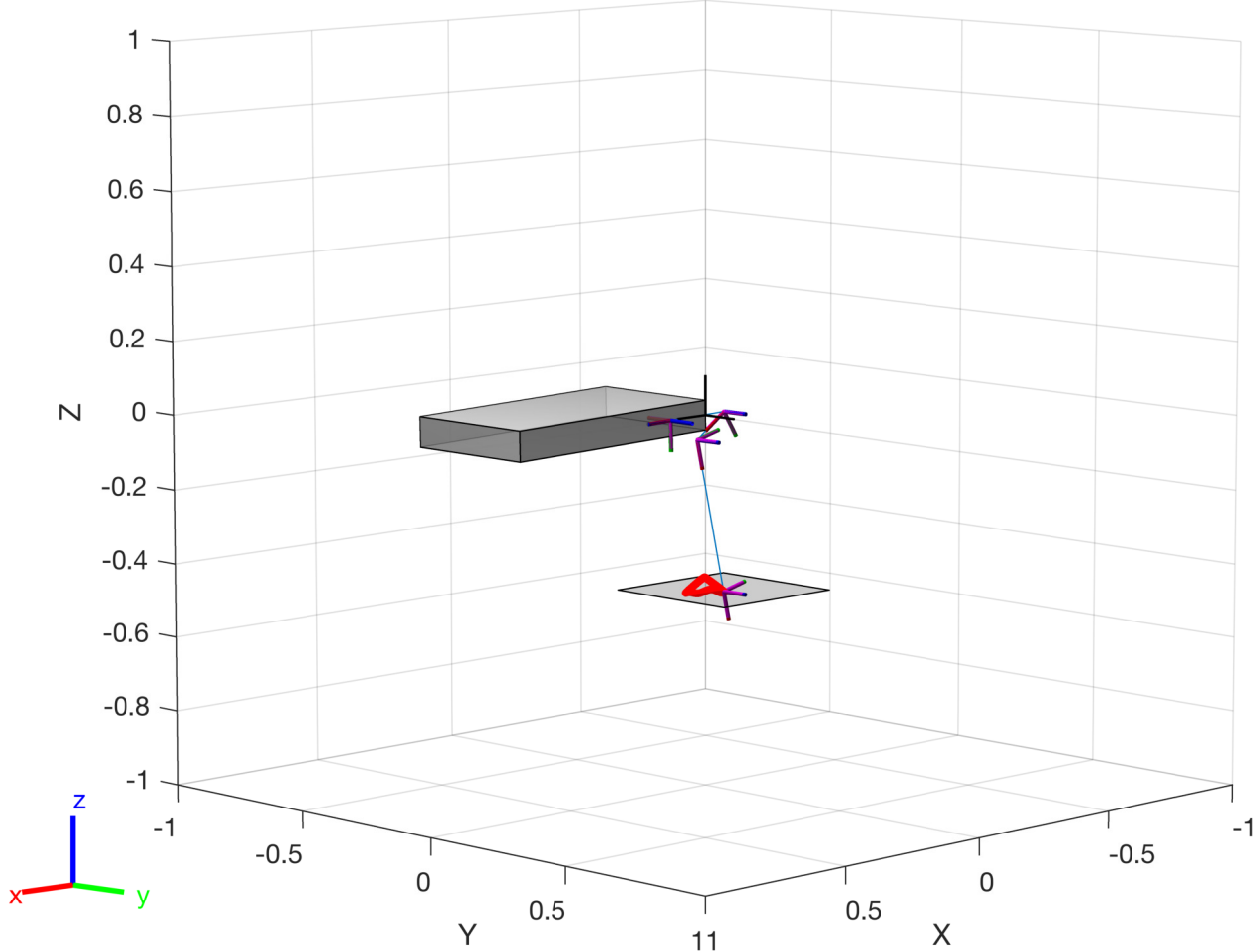
Nominal RH



Optimized LF

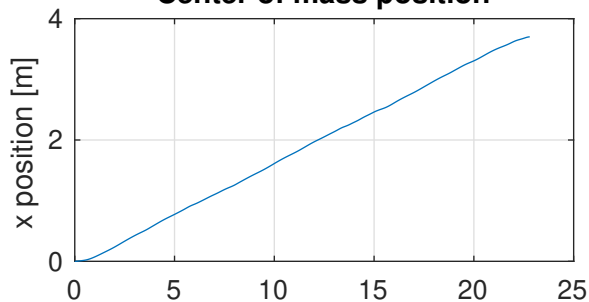


Optimized LH

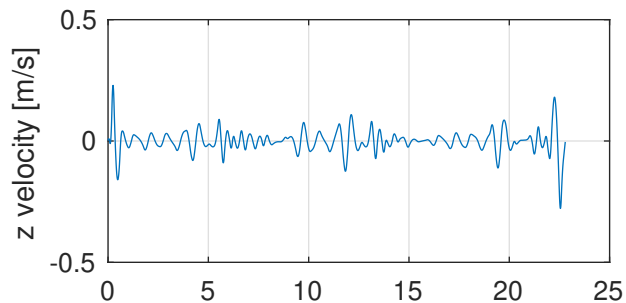
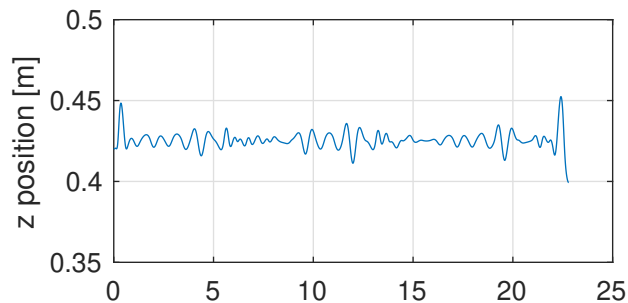
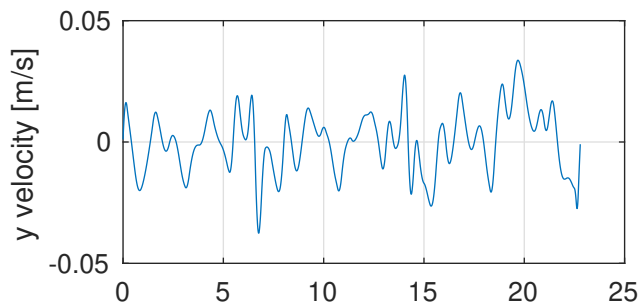
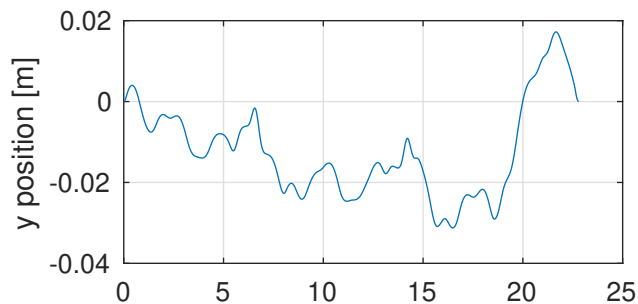
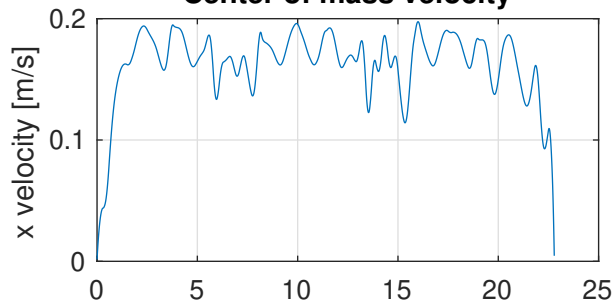


Results of vitruvio simulation for ANYmal trot

Center of mass position



Center of mass velocity



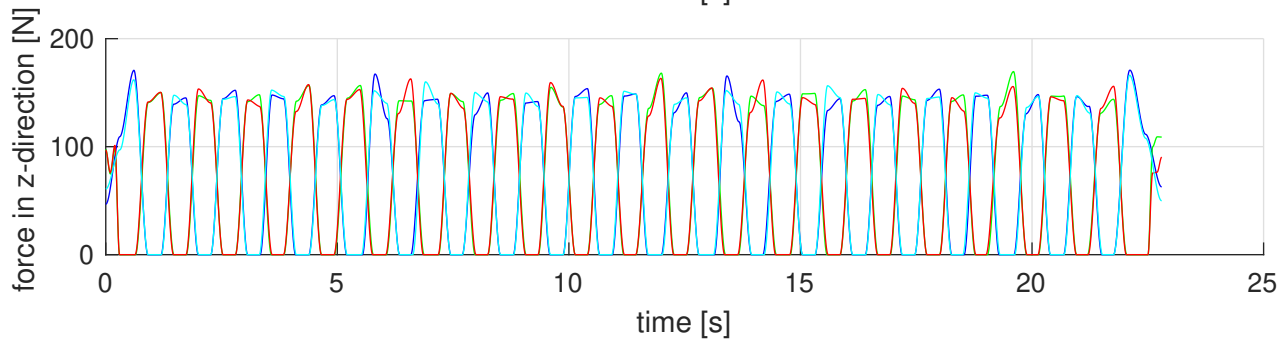
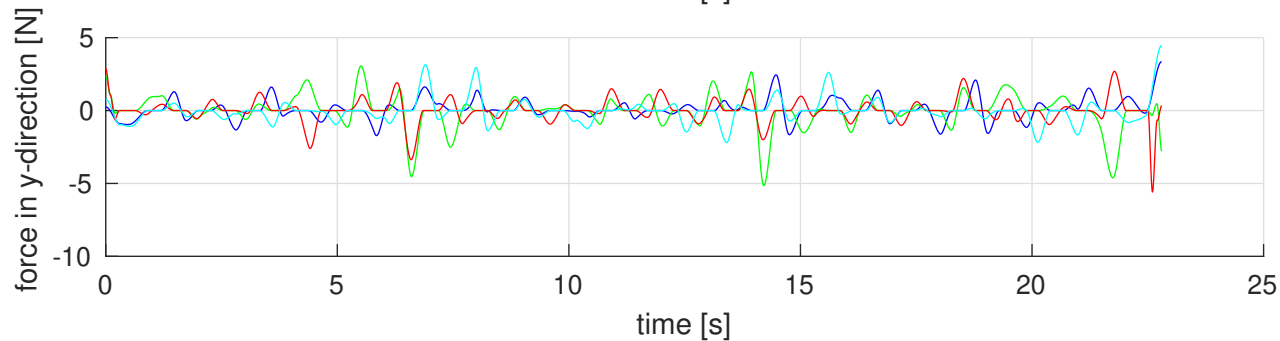
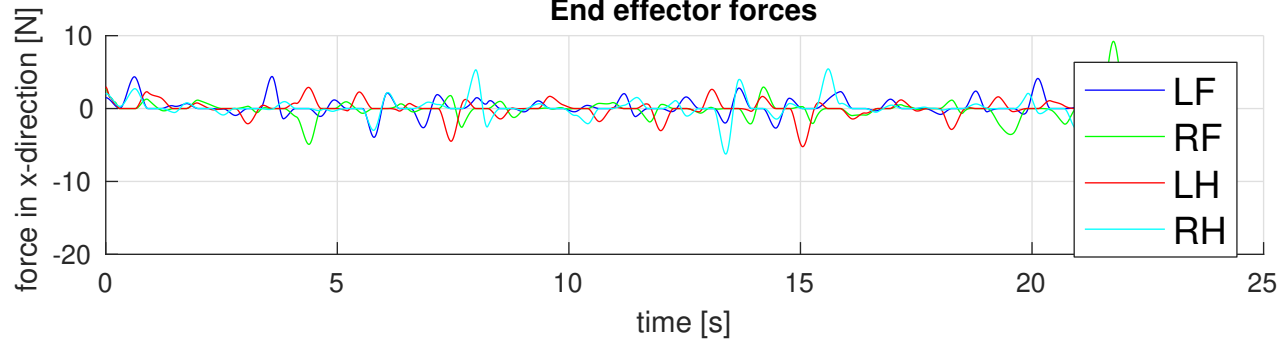
time [s]

time [s]

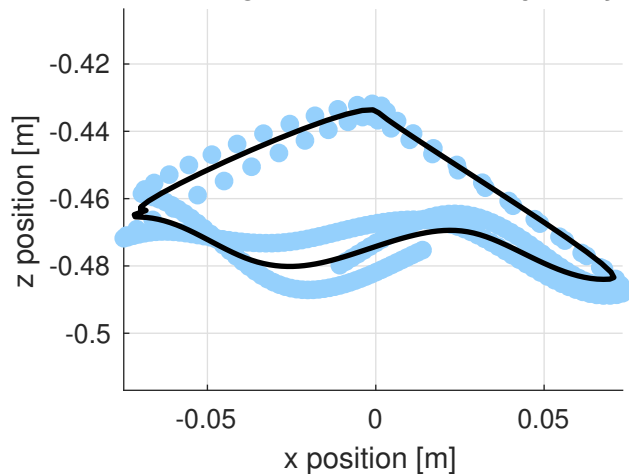
Stop

Pause

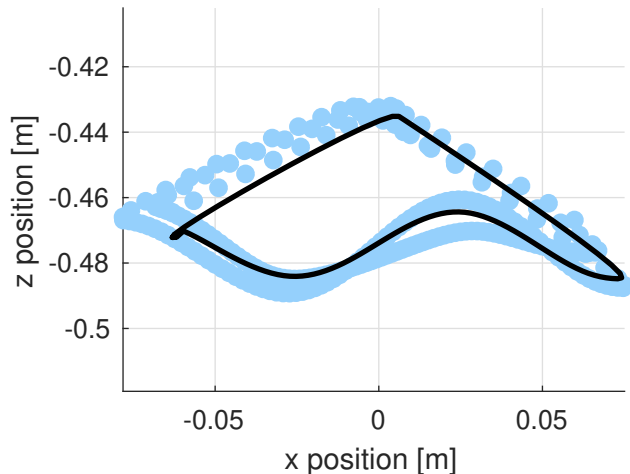
End effector forces



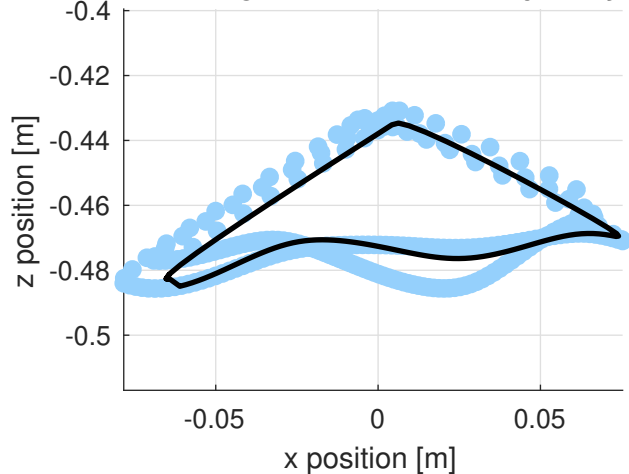
Resulting LF end effector trajectory



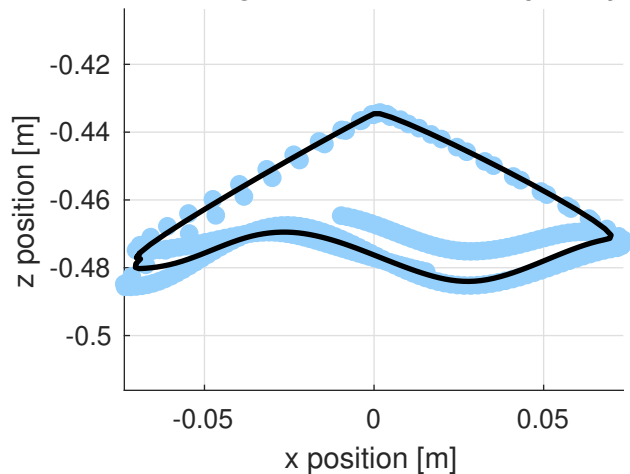
Resulting RF end effector trajectory



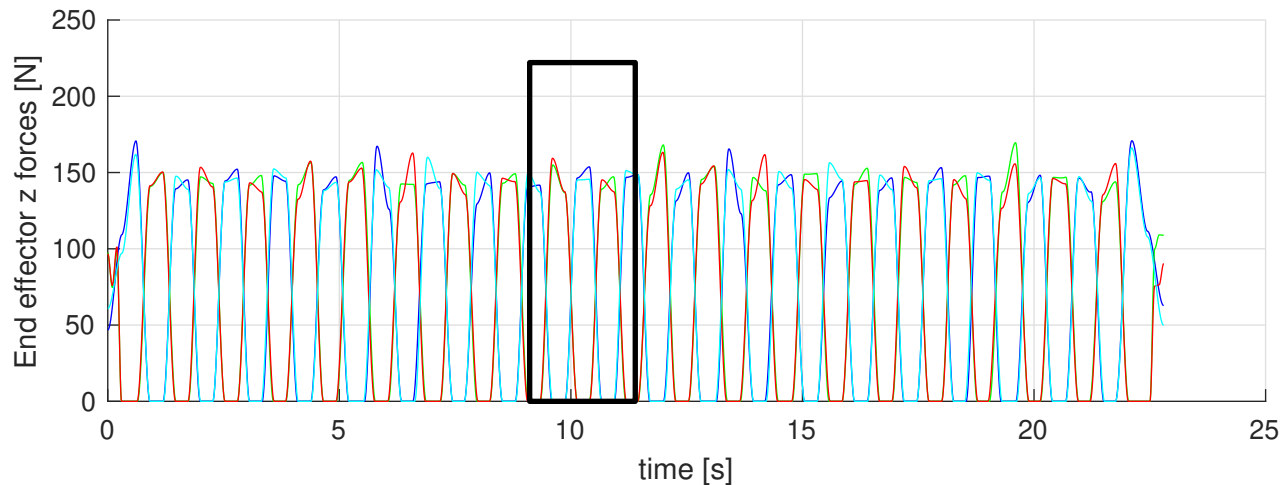
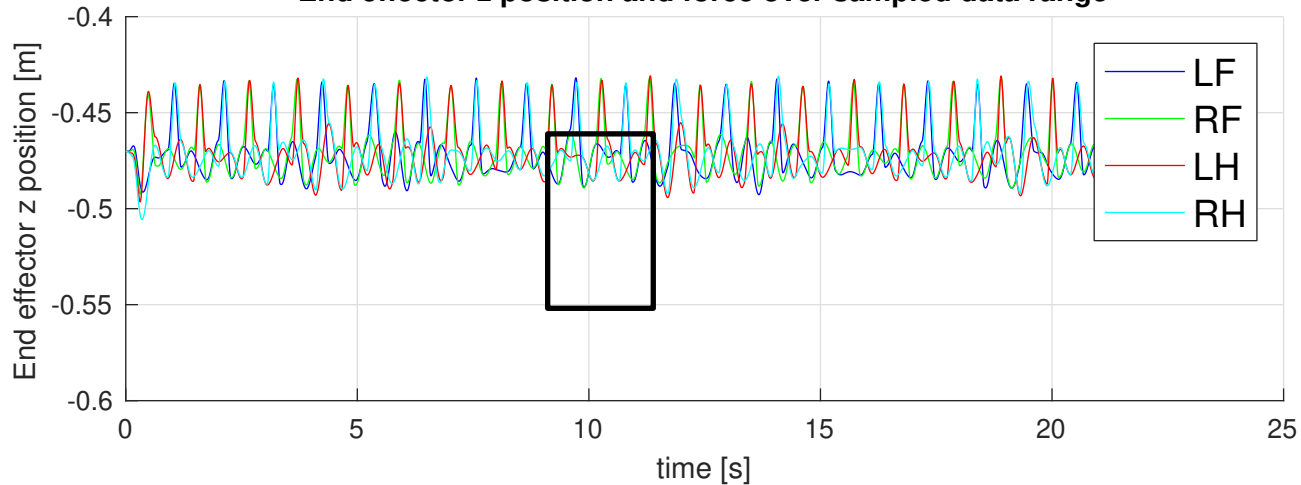
Resulting LH end effector trajectory



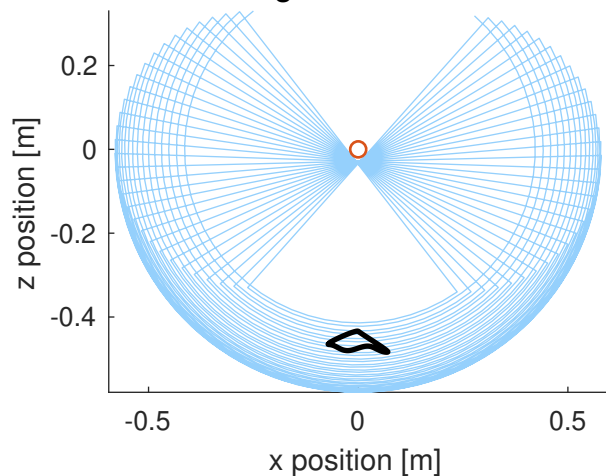
Resulting RH end effector trajectory



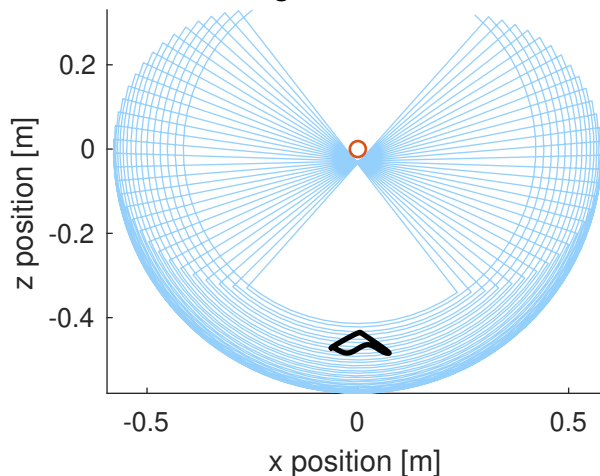
End effector z position and force over sampled data range



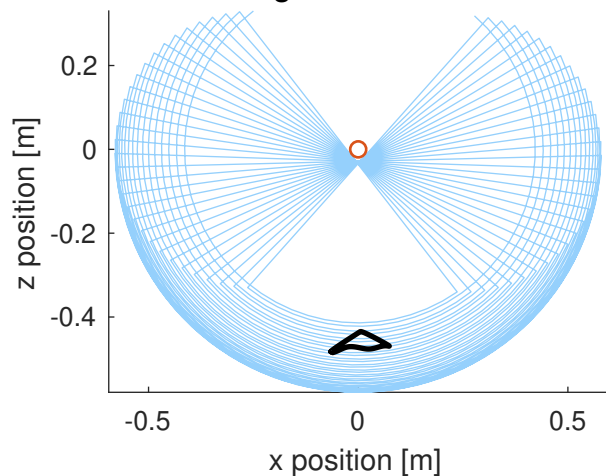
Range of motion LF



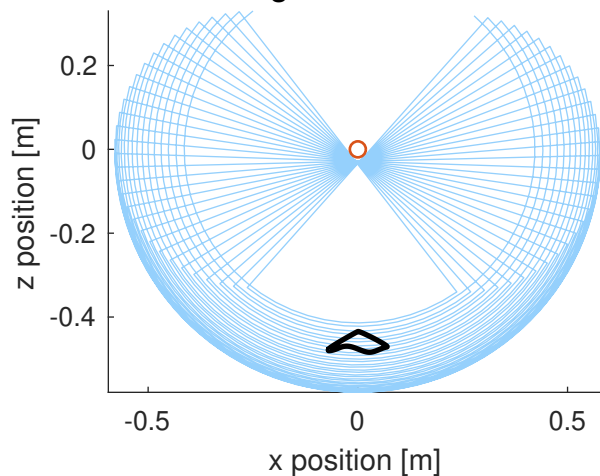
Range of motion RF

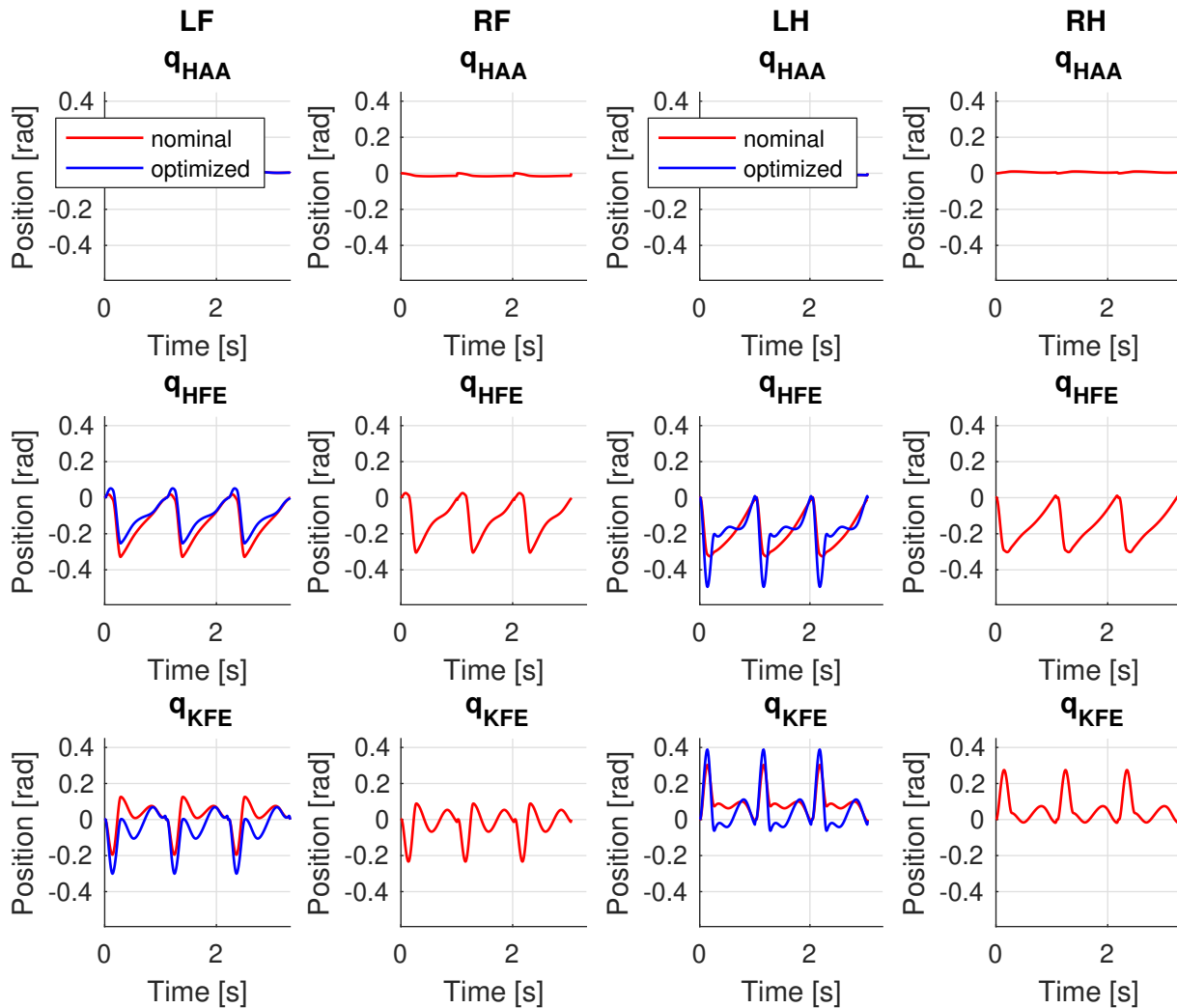


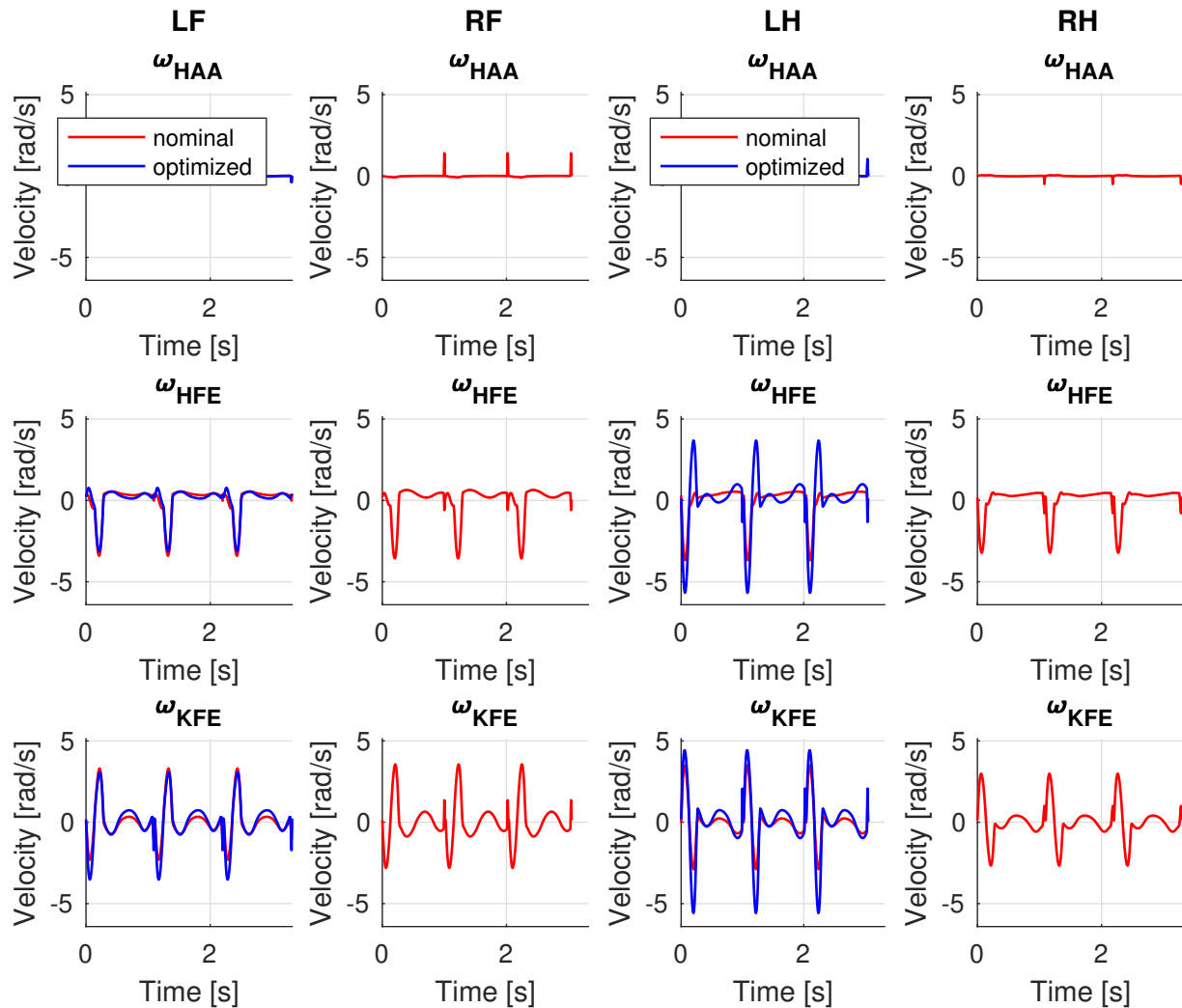
Range of motion LH

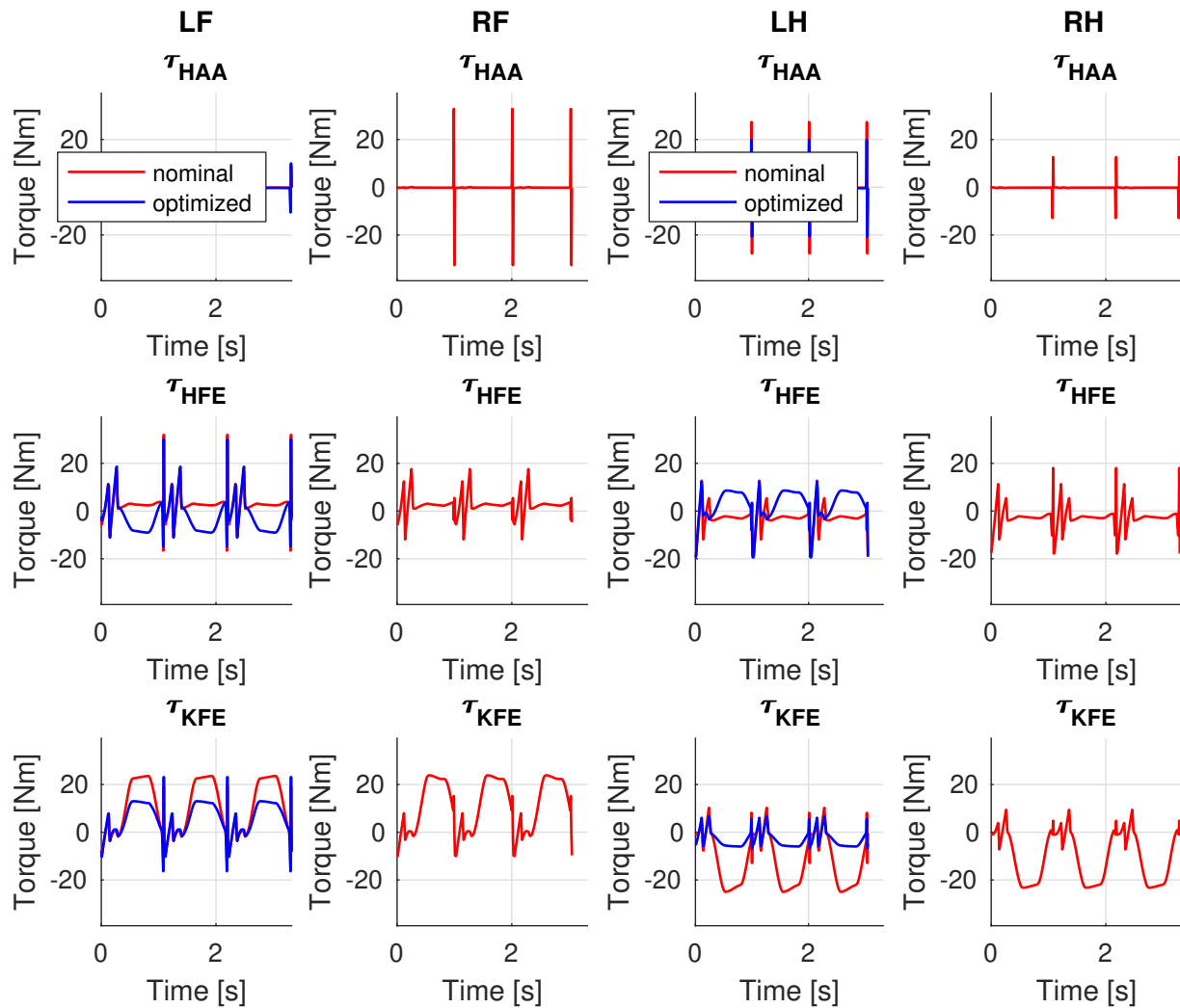


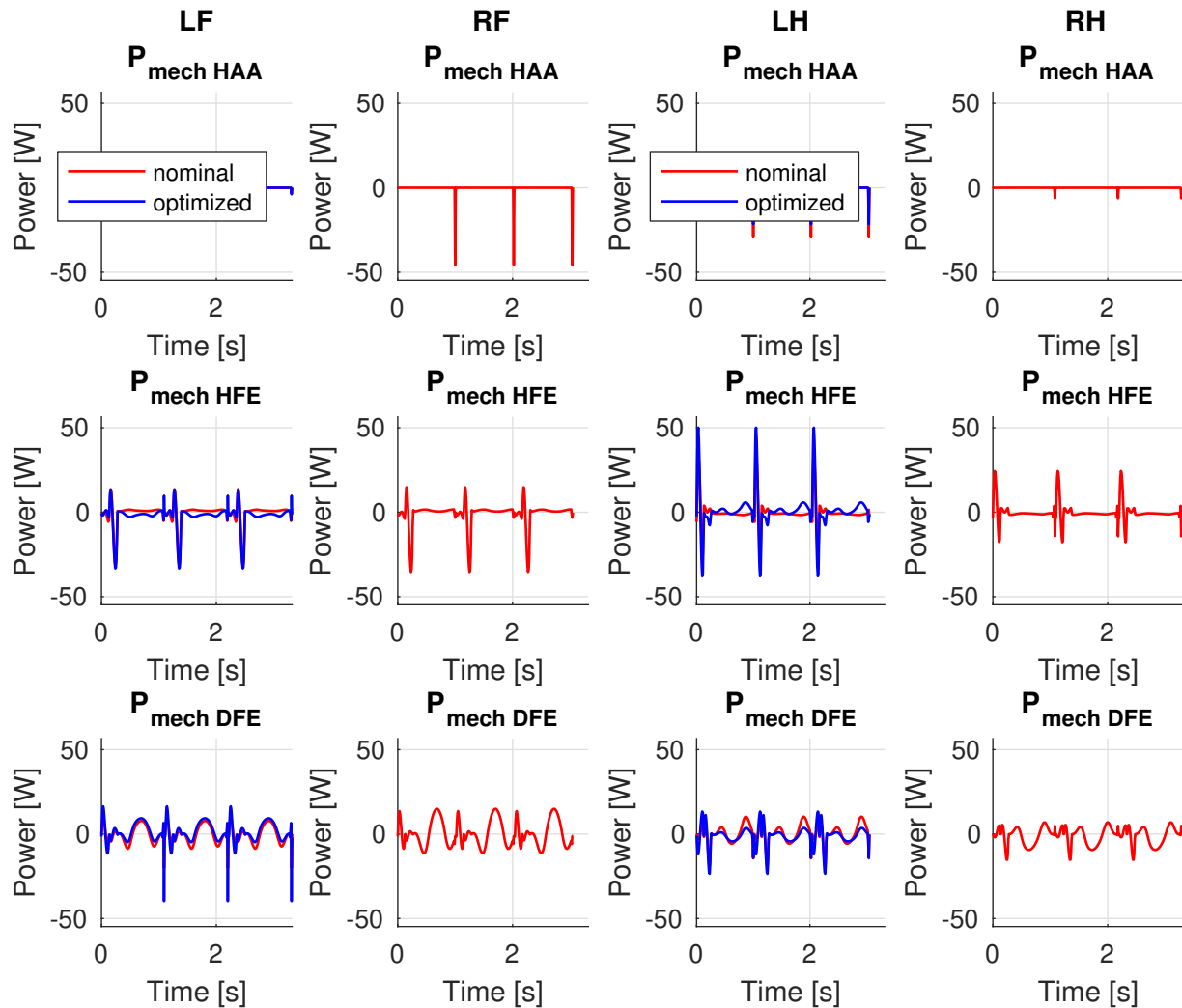
Range of motion RH

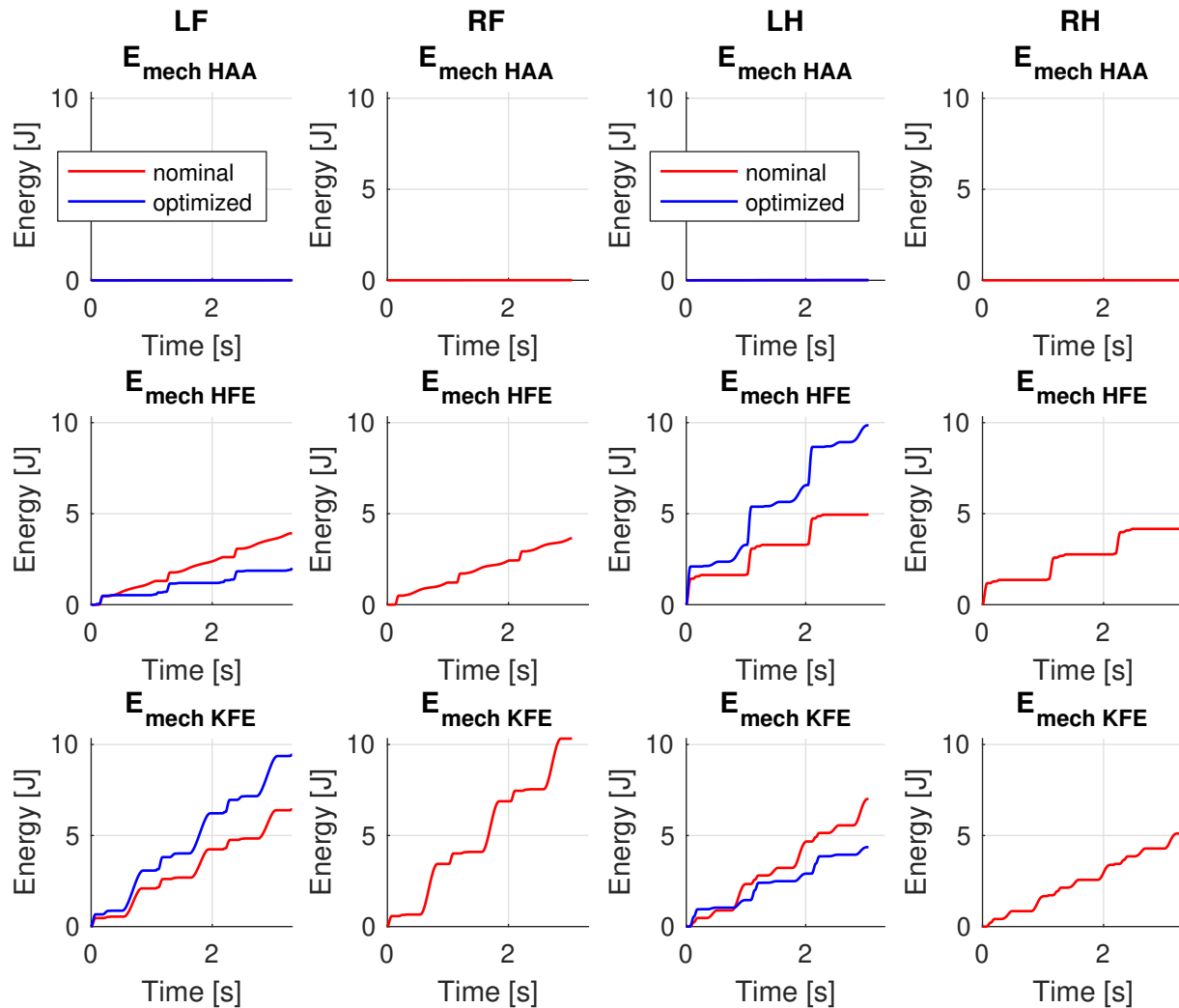




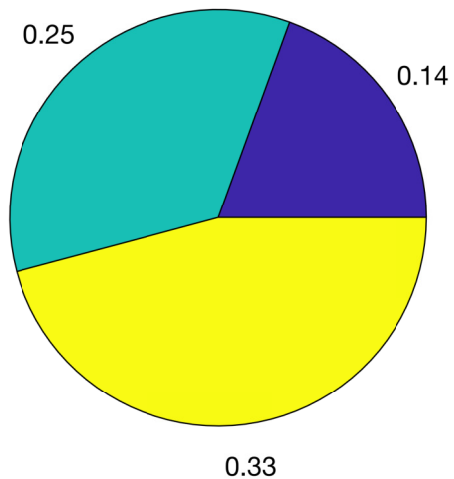




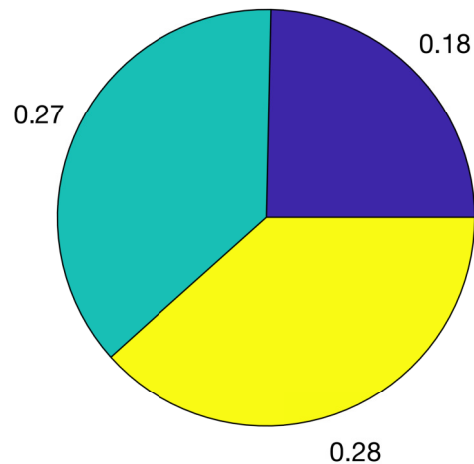




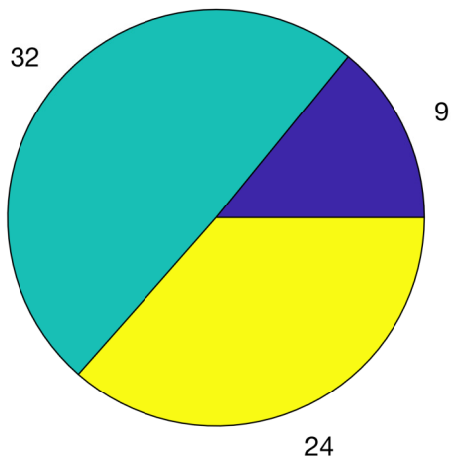
Link lengths [m]
Nominal LF



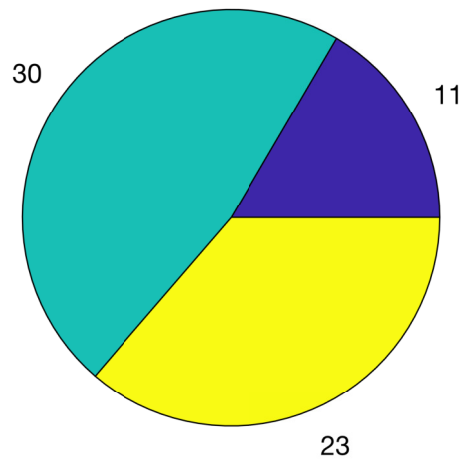
Link lengths [m]
Optimized LF



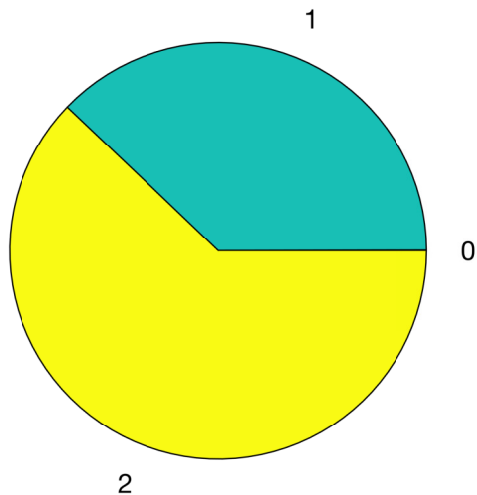
Peak joint torques [Nm]
Nominal LF



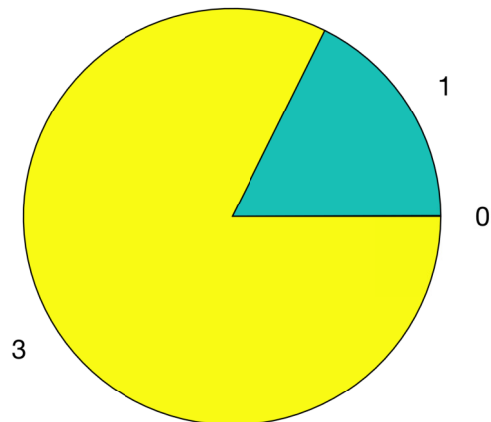
Peak joint torques [Nm]
Optimized LF



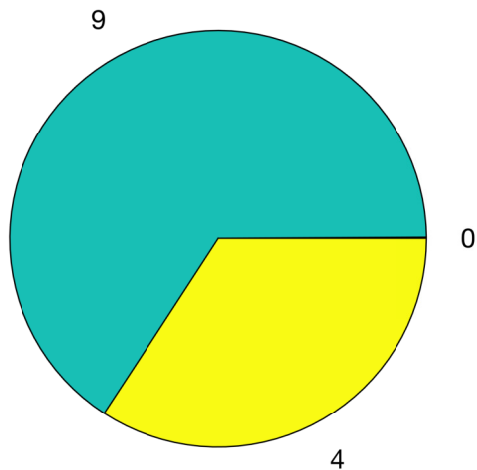
Mechanical energy [J/cycle]
Nominal LF



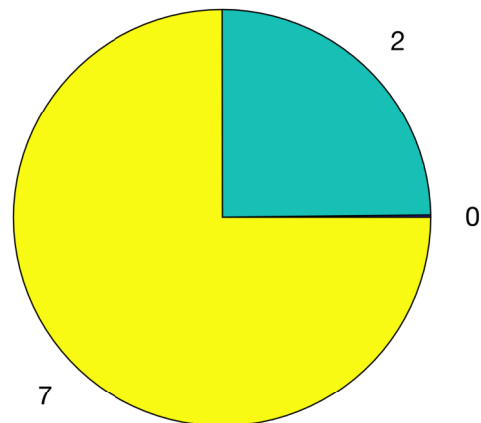
Mechanical energy [J/cycle]
Optimized LF



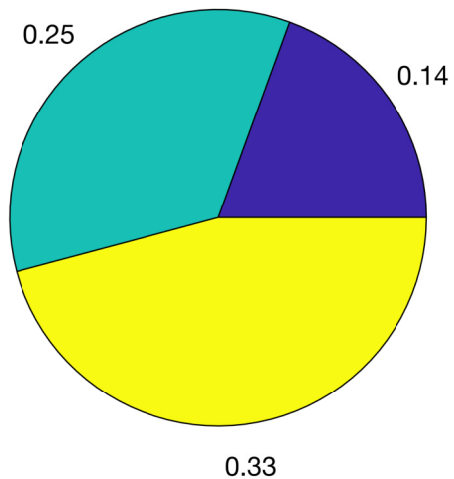
Electrical energy [J/cycle]
Nominal LF



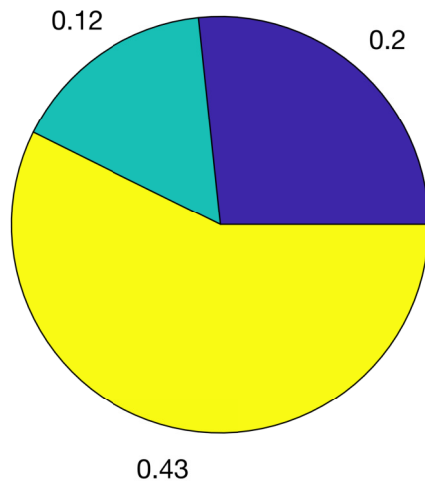
Electrical energy [J/cycle]
Optimized LF



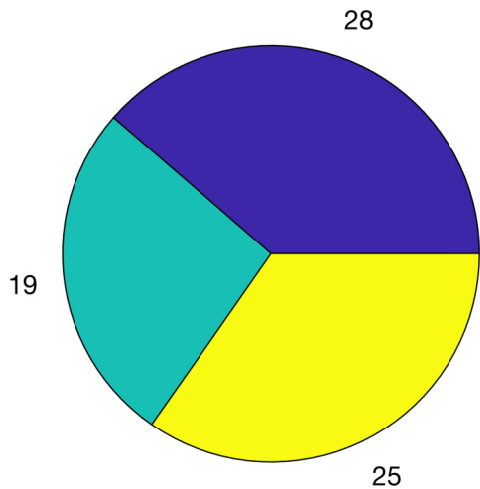
Link lengths [m]
Nominal LH



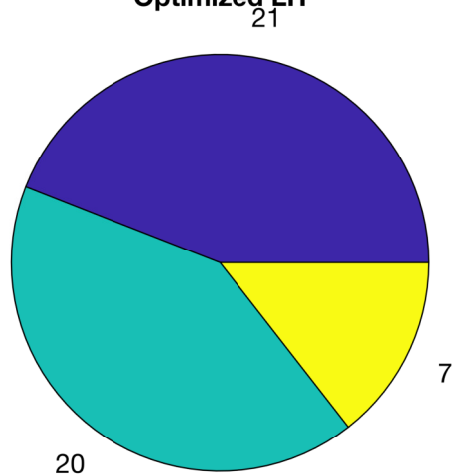
Link lengths [m]
Optimized LH



Peak joint torques [Nm]
Nominal LH



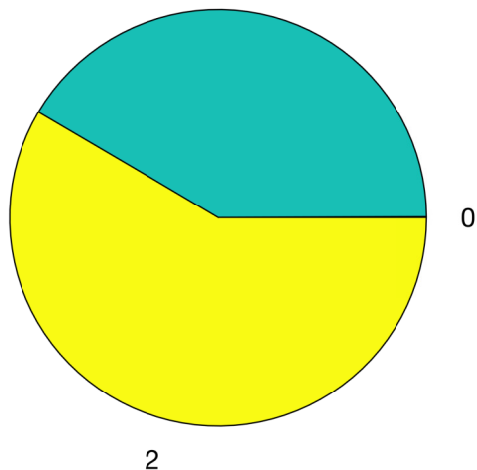
Peak joint torques [Nm]
Optimized LH



Mechanical energy [J/cycle]

Nominal LH

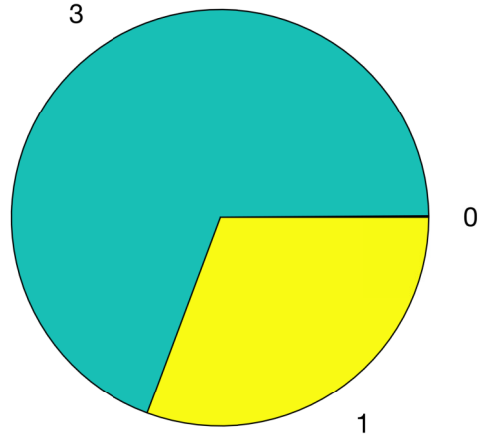
2



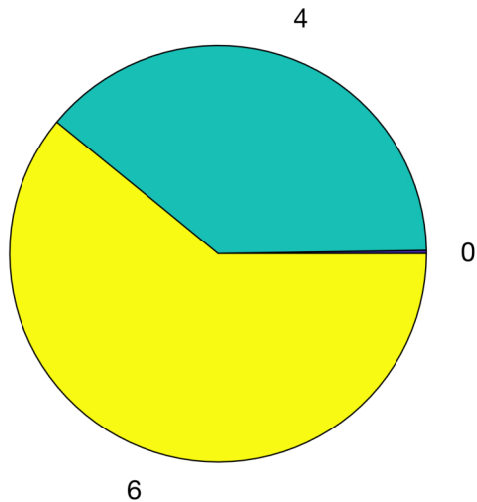
Mechanical energy [J/cycle]

Optimized LH

3



Electrical energy [J/cycle]
Nominal LH



Electrical energy [J/cycle]
Optimized LH

