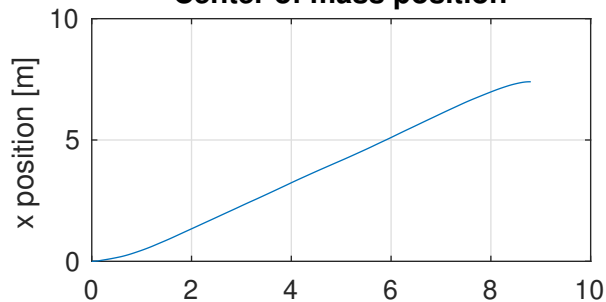
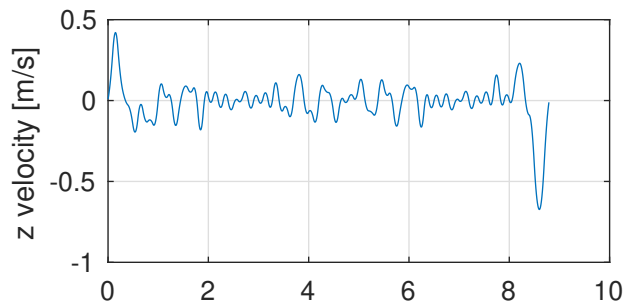
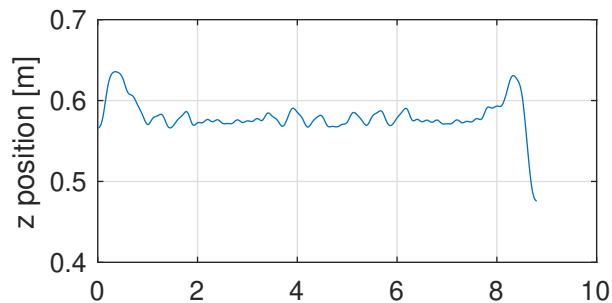
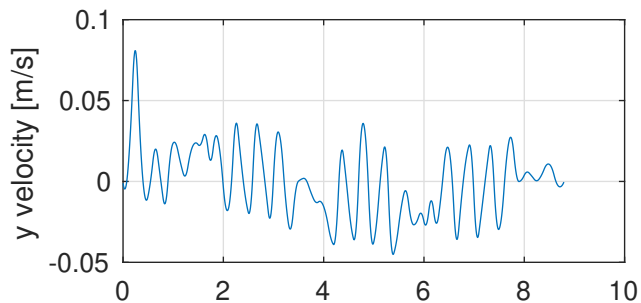
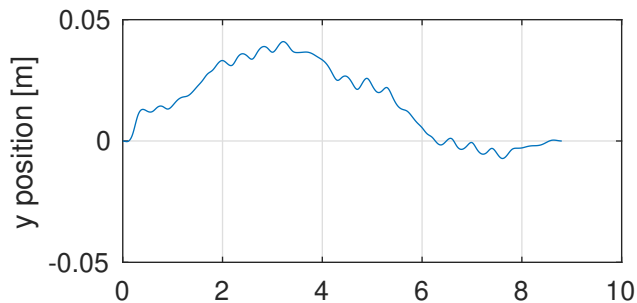
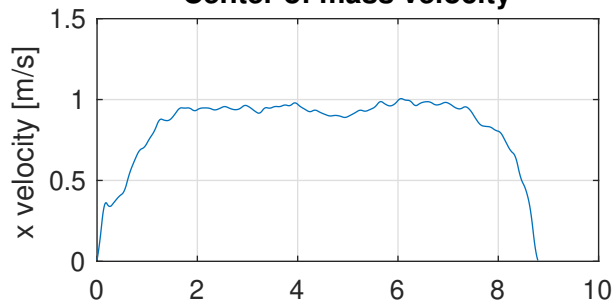


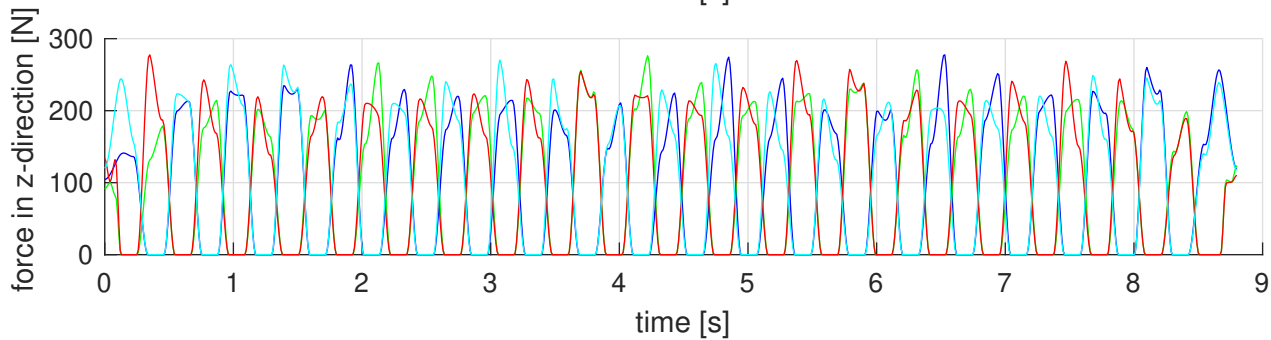
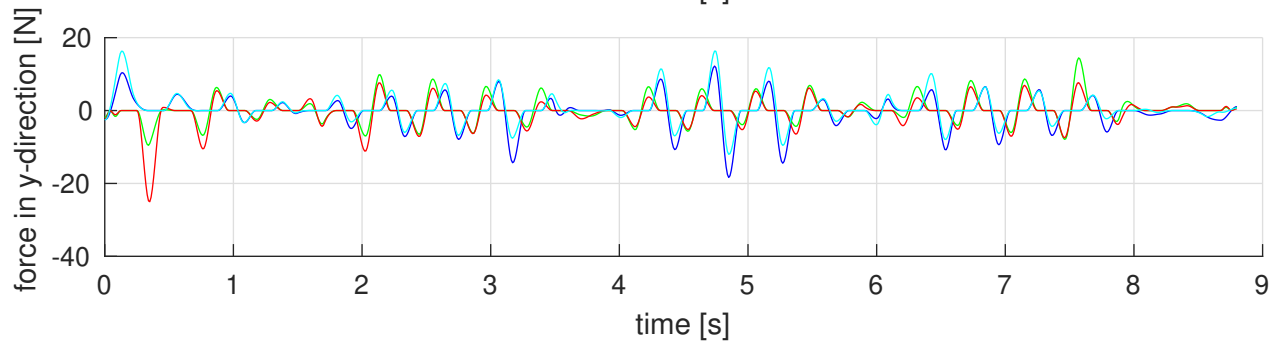
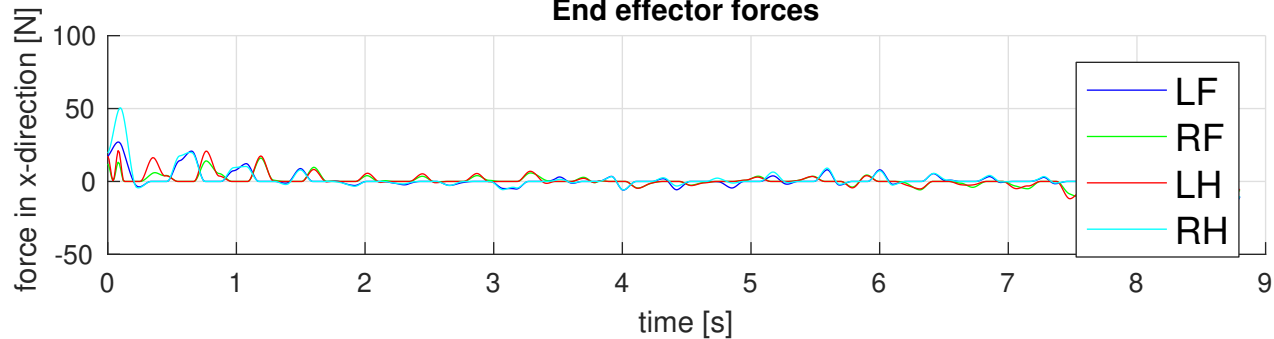
Results of vitruvio simulation for universal trot

Center of mass position**Center of mass velocity****Stop****Pause**

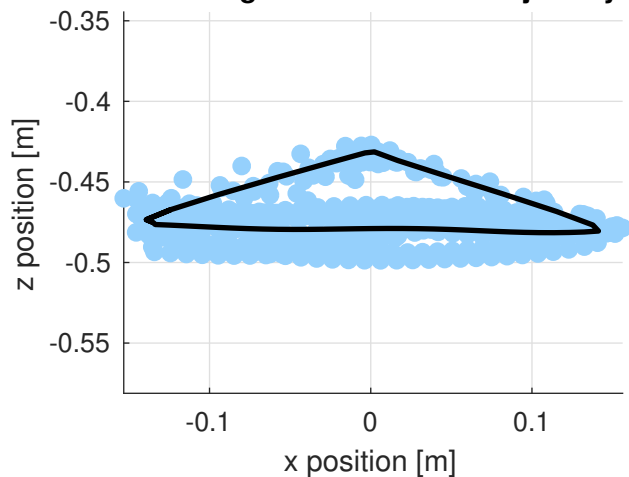
time [s]

time [s]

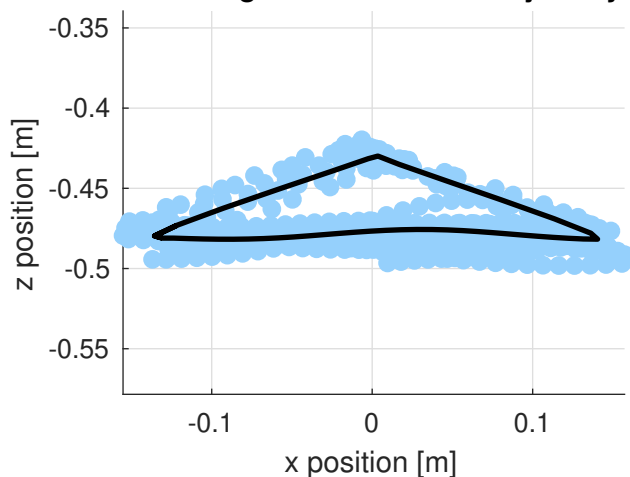
End effector forces



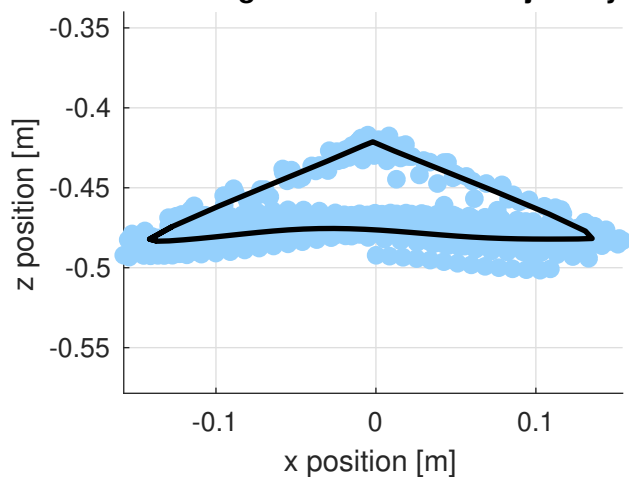
Resulting LF end effector trajectory



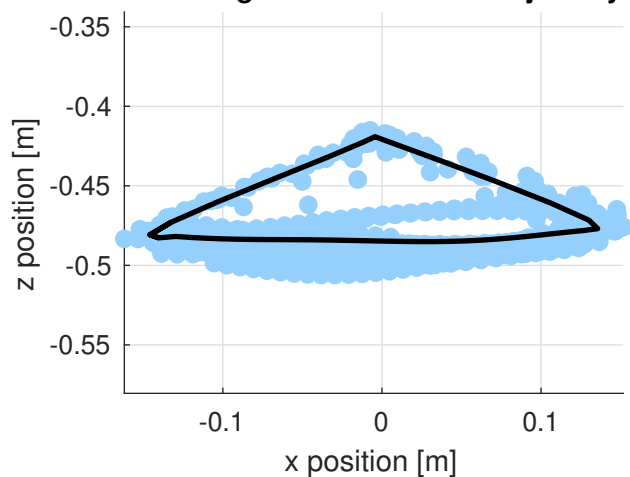
Resulting RF end effector trajectory



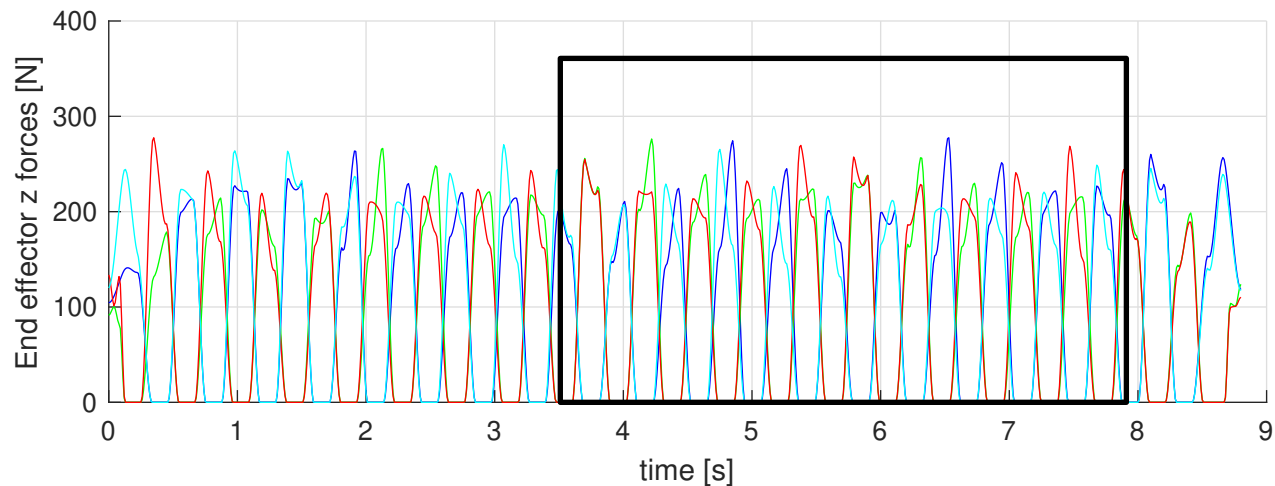
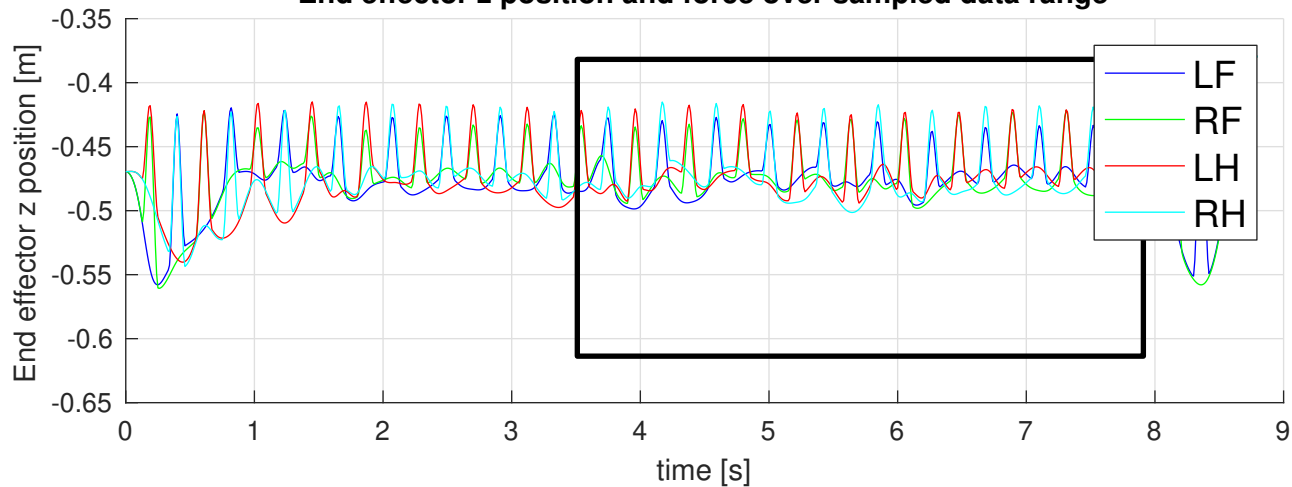
Resulting LH end effector trajectory



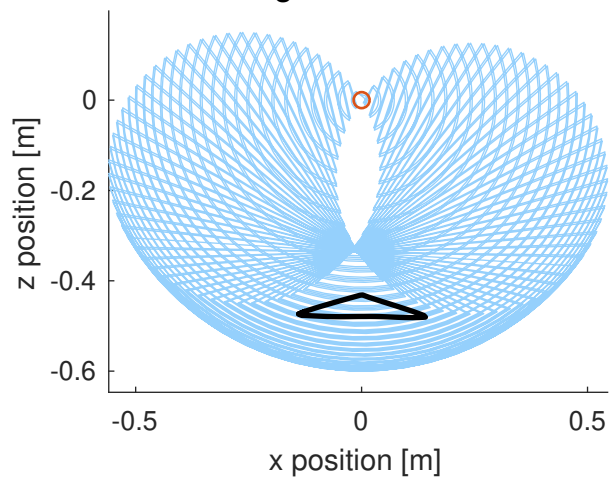
Resulting RH end effector trajectory



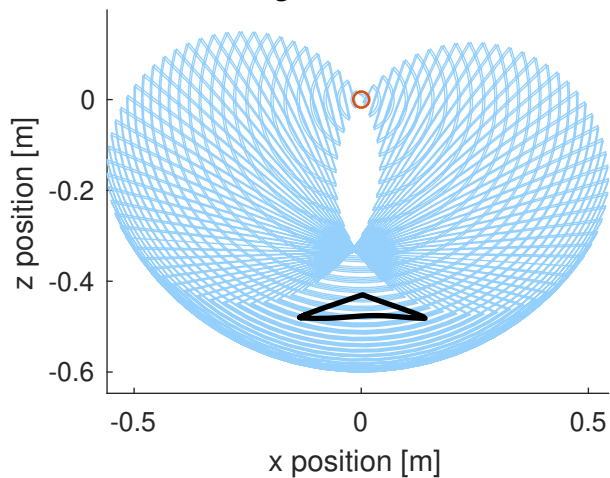
End effector z position and force over sampled data range



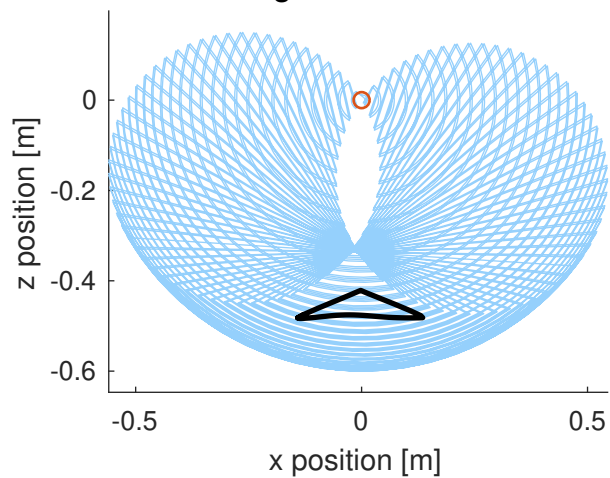
Range of motion LF



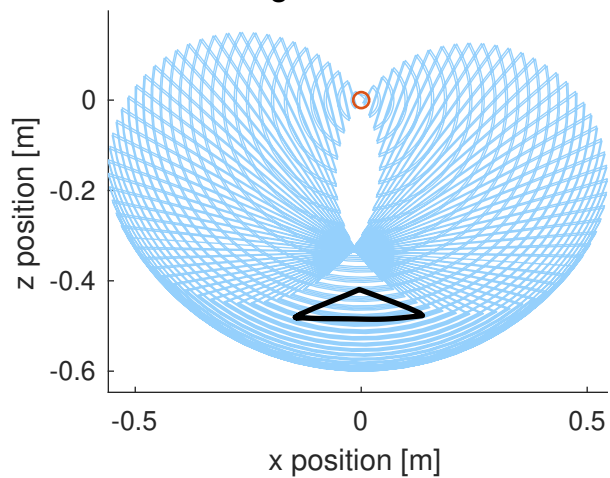
Range of motion RF

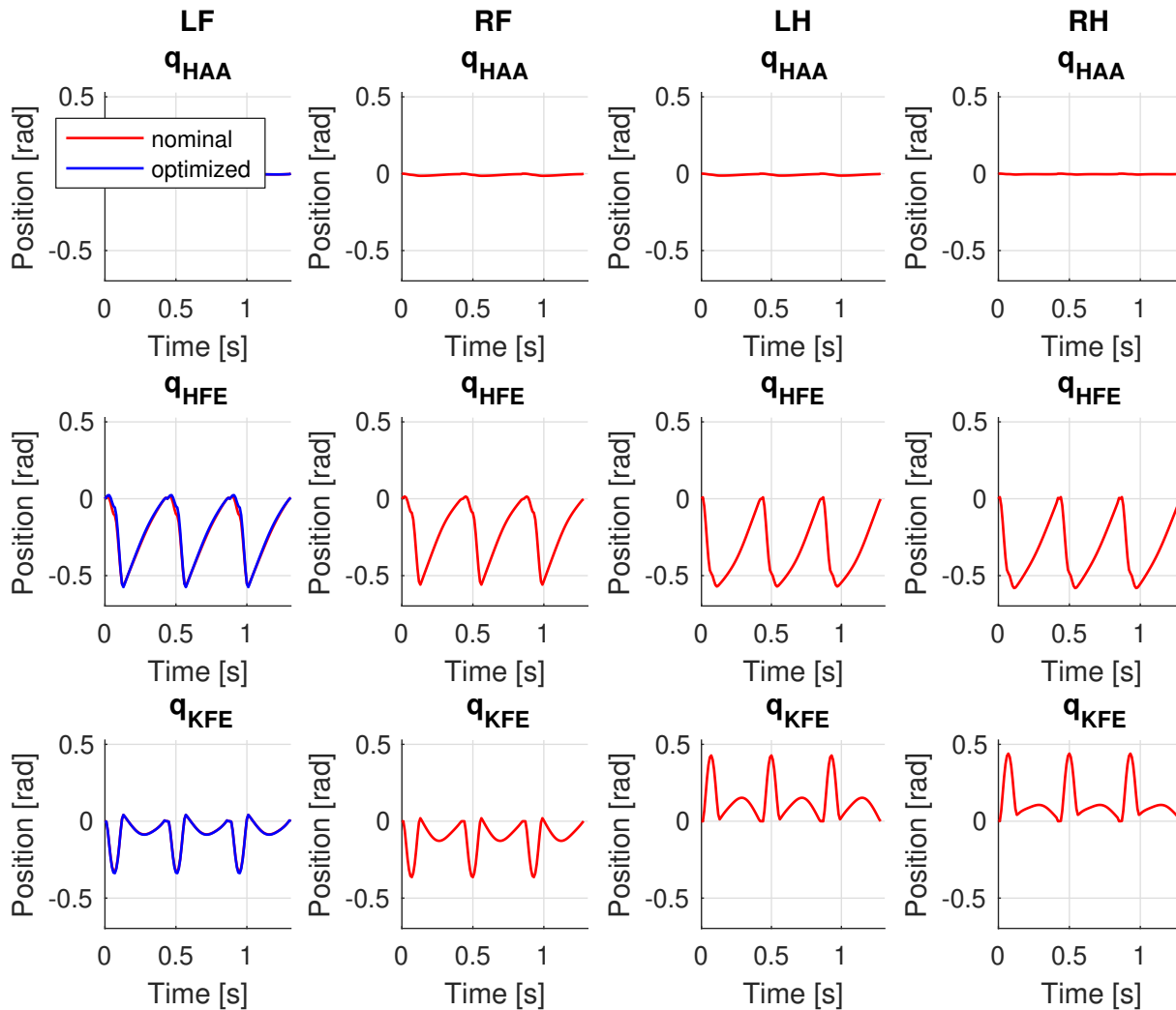


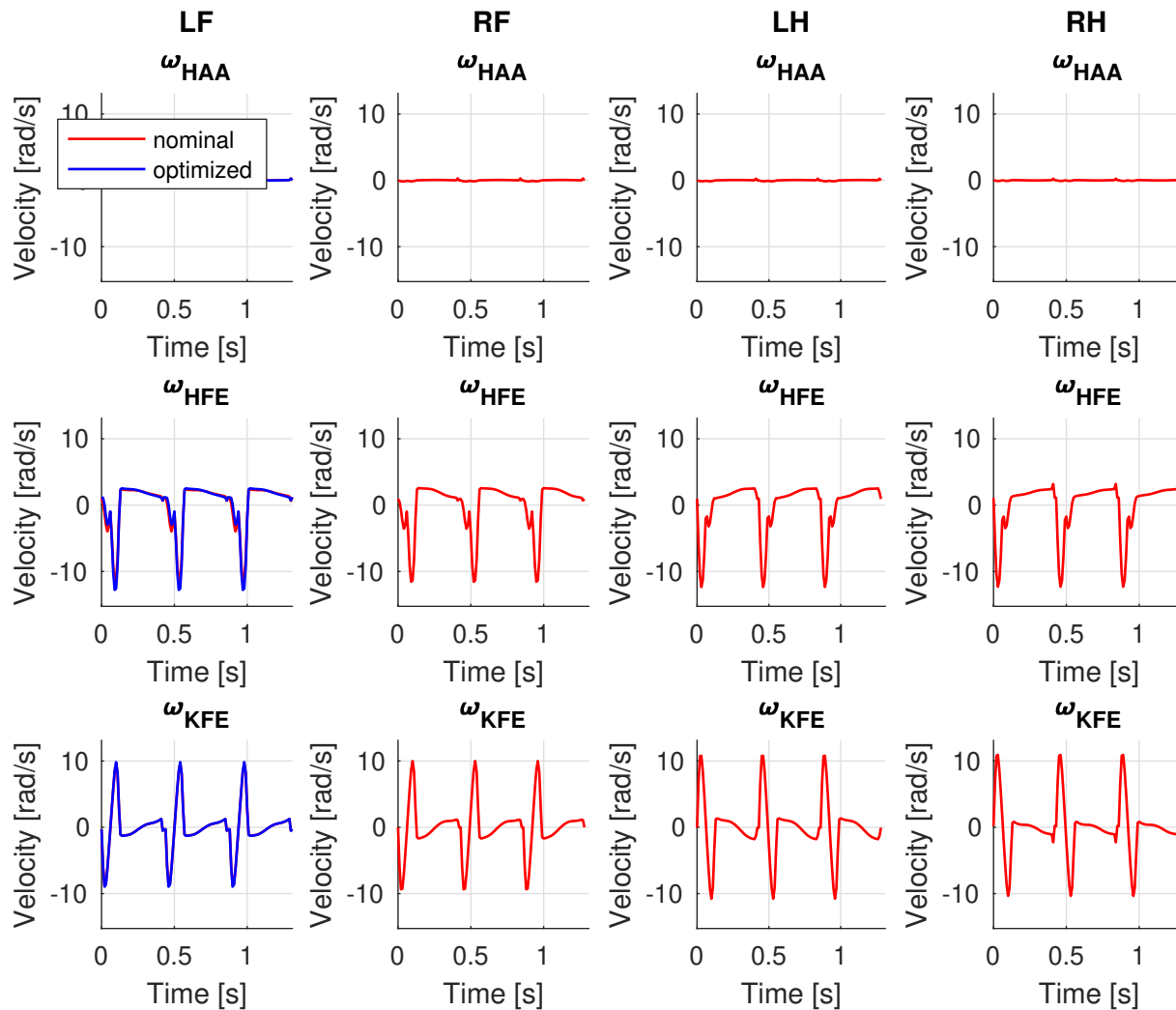
Range of motion LH

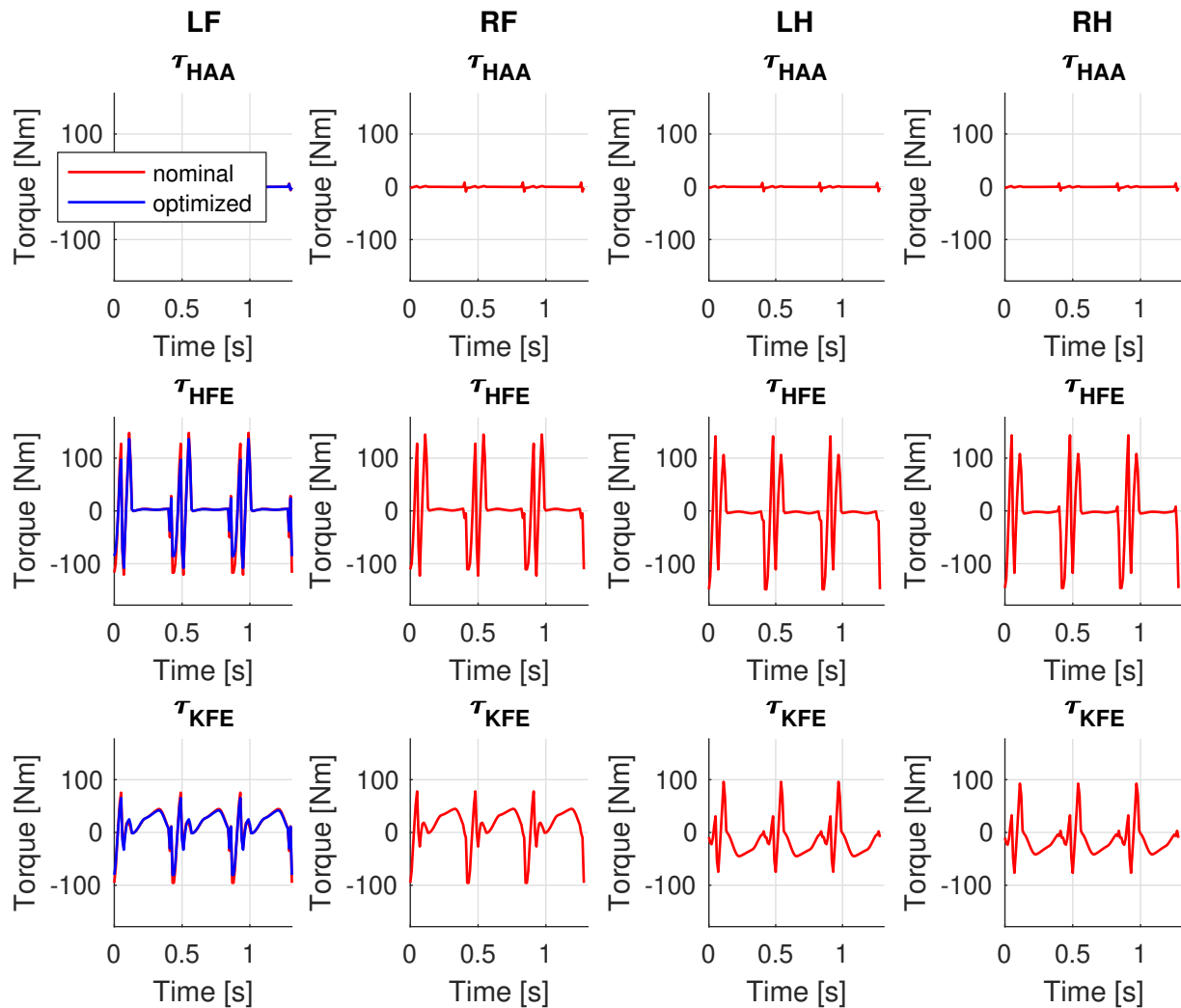


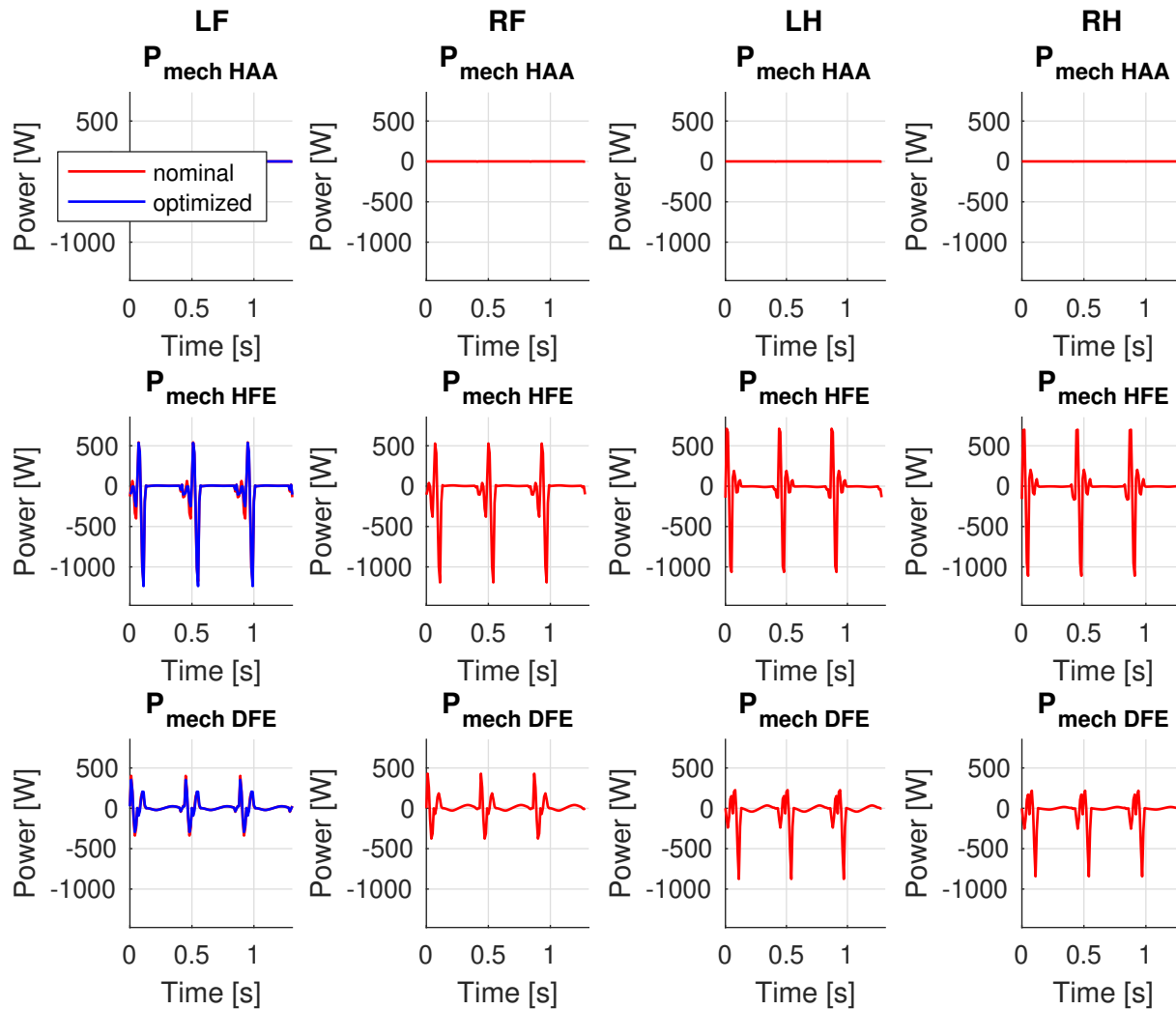
Range of motion RH

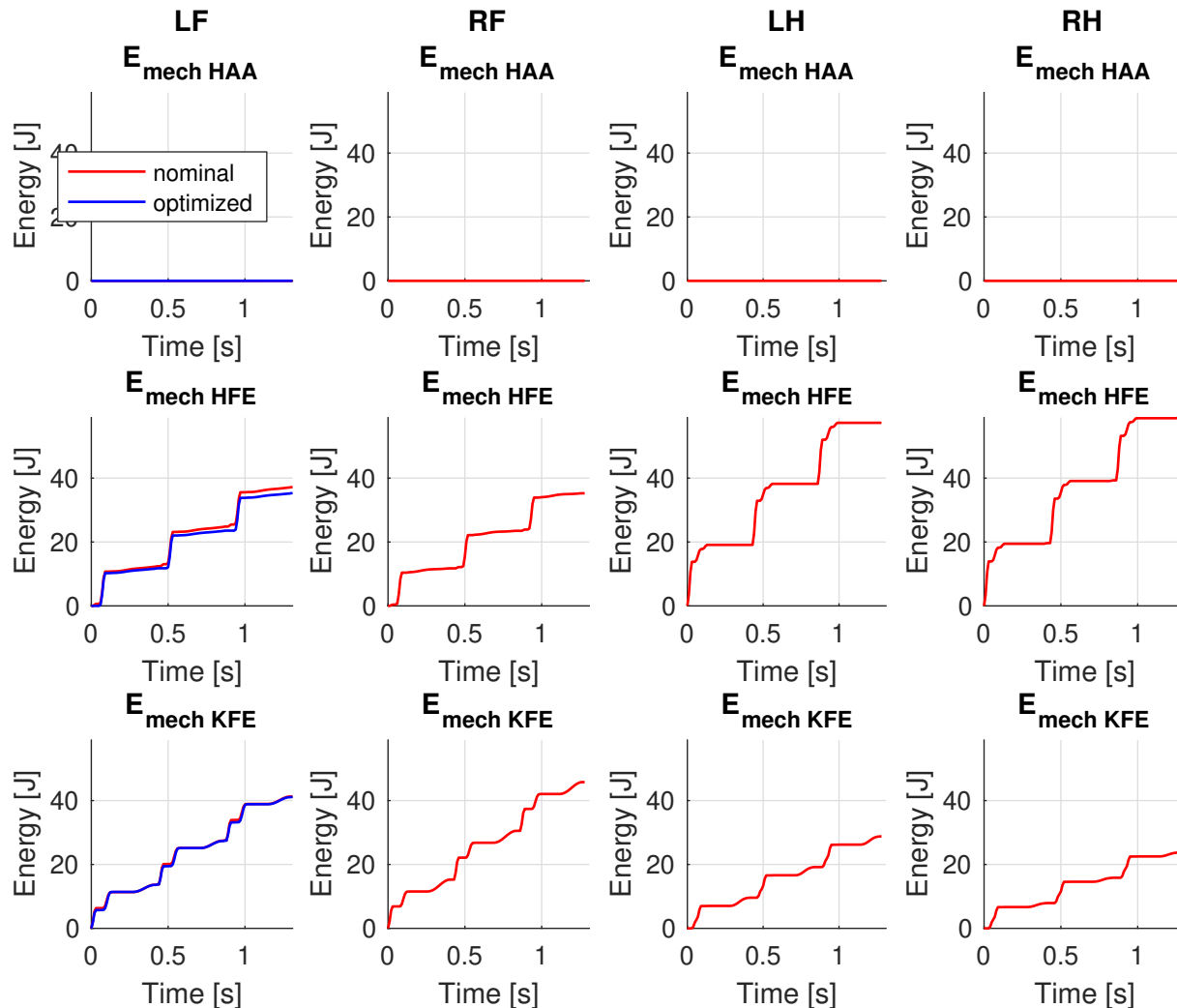




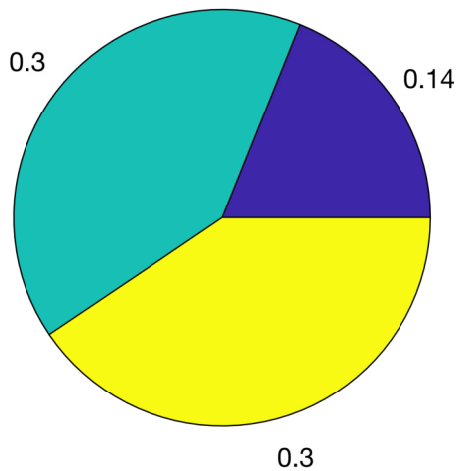




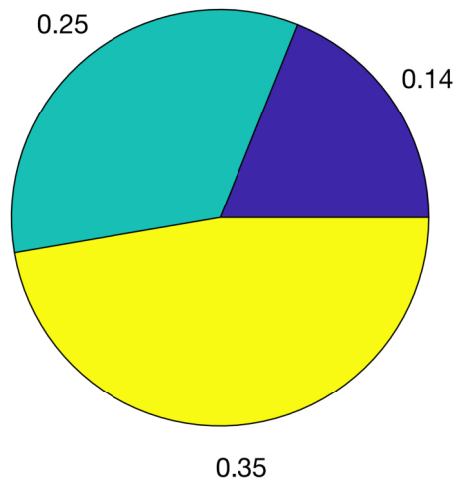




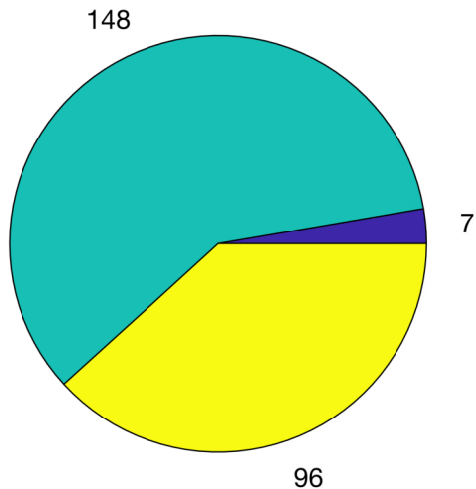
Link lengths [m]
Nominal LF



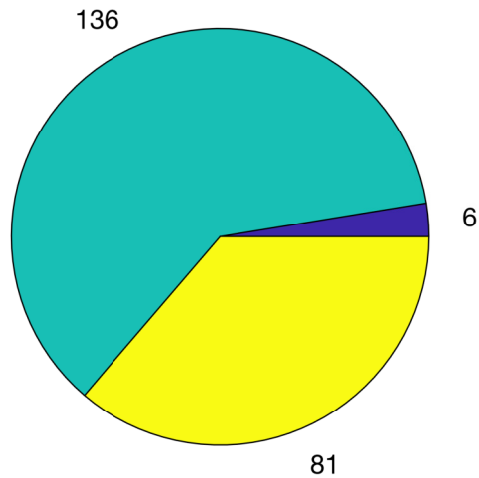
Link lengths [m]
Optimized LF



Peak joint torques [Nm]
Nominal LF

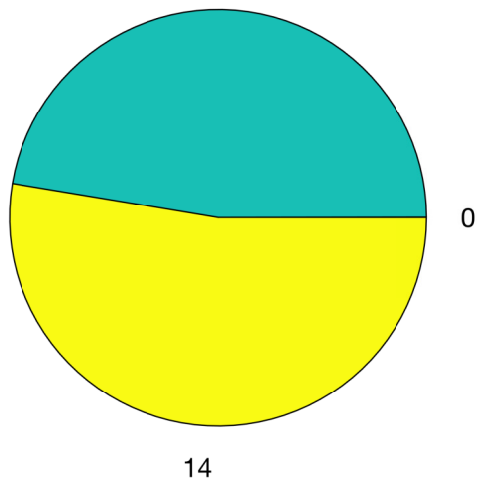


Peak joint torques [Nm]
Optimized LF



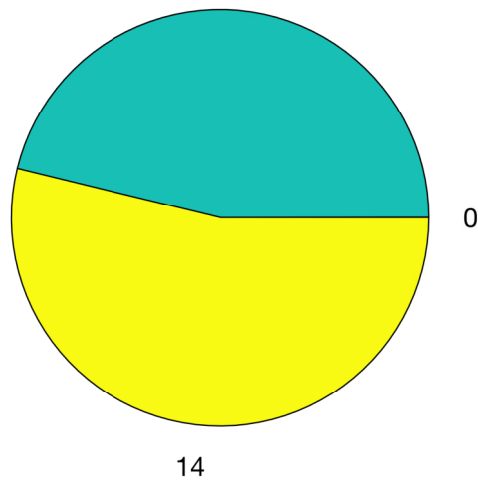
Mechanical energy [J/cycle]

Nominal LF

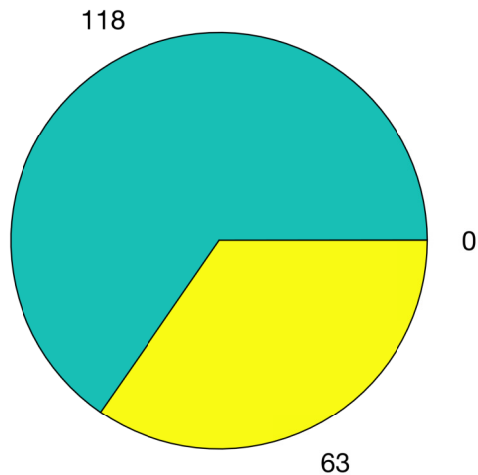


Mechanical energy [J/cycle]

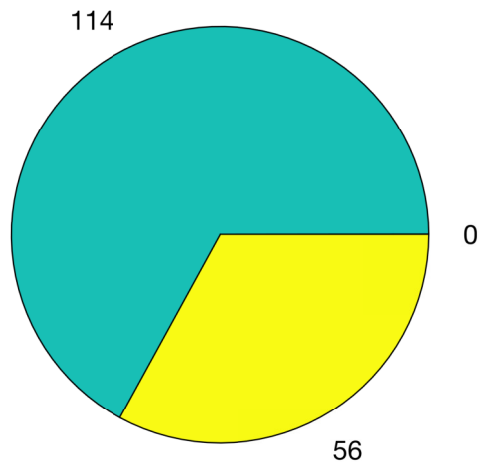
Optimized LF



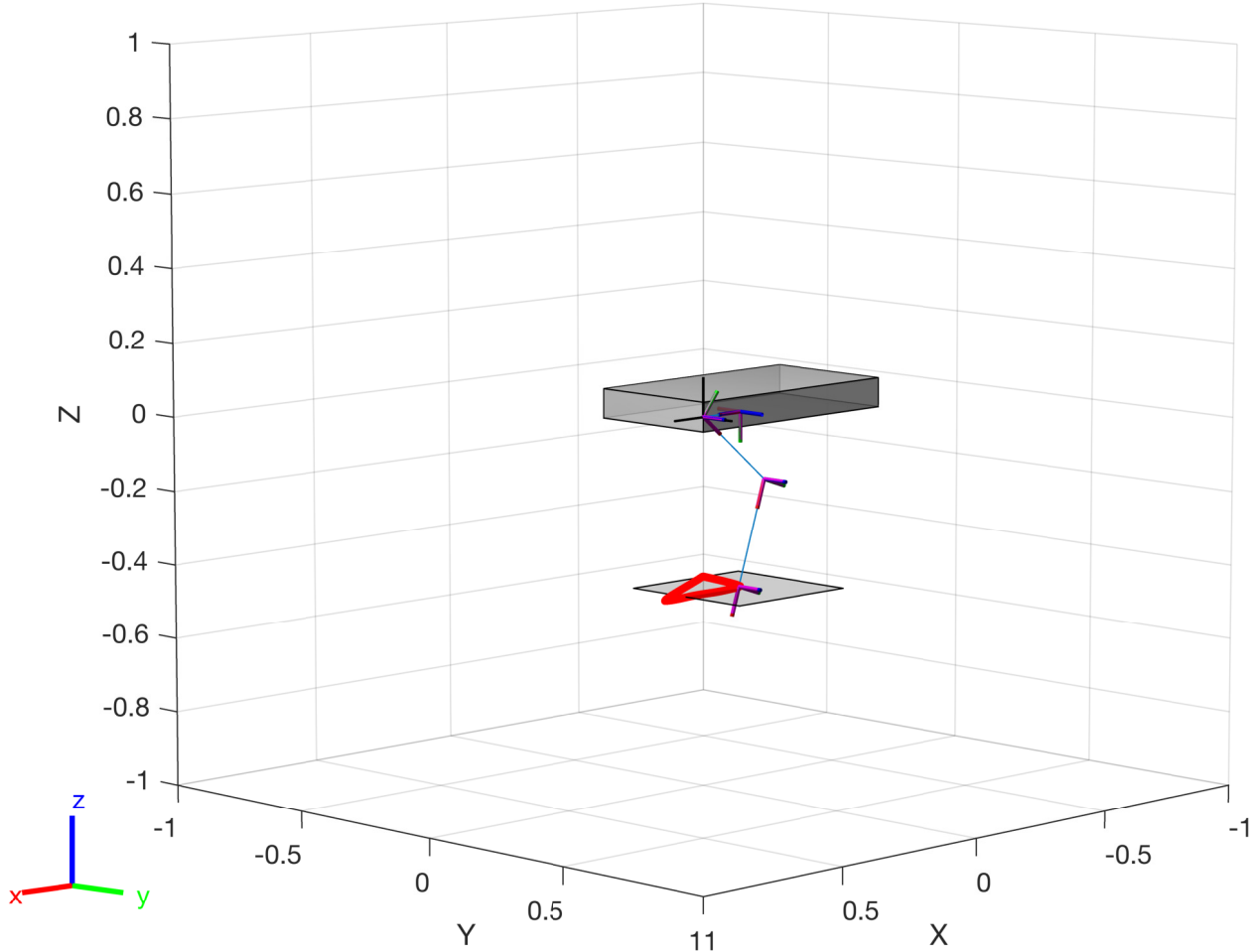
Electrical energy [J/cycle]
Nominal LF



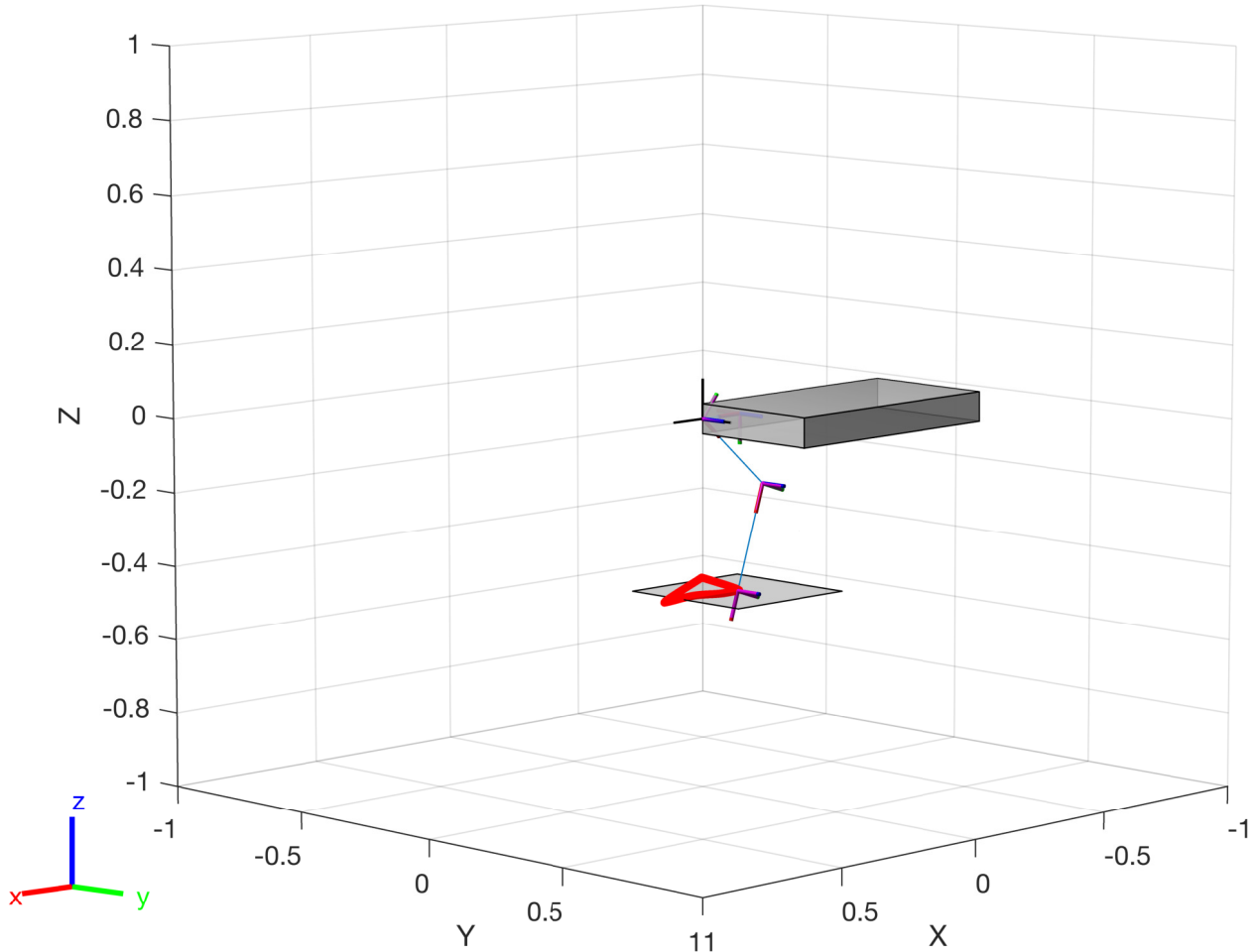
Electrical energy [J/cycle]
Optimized LF



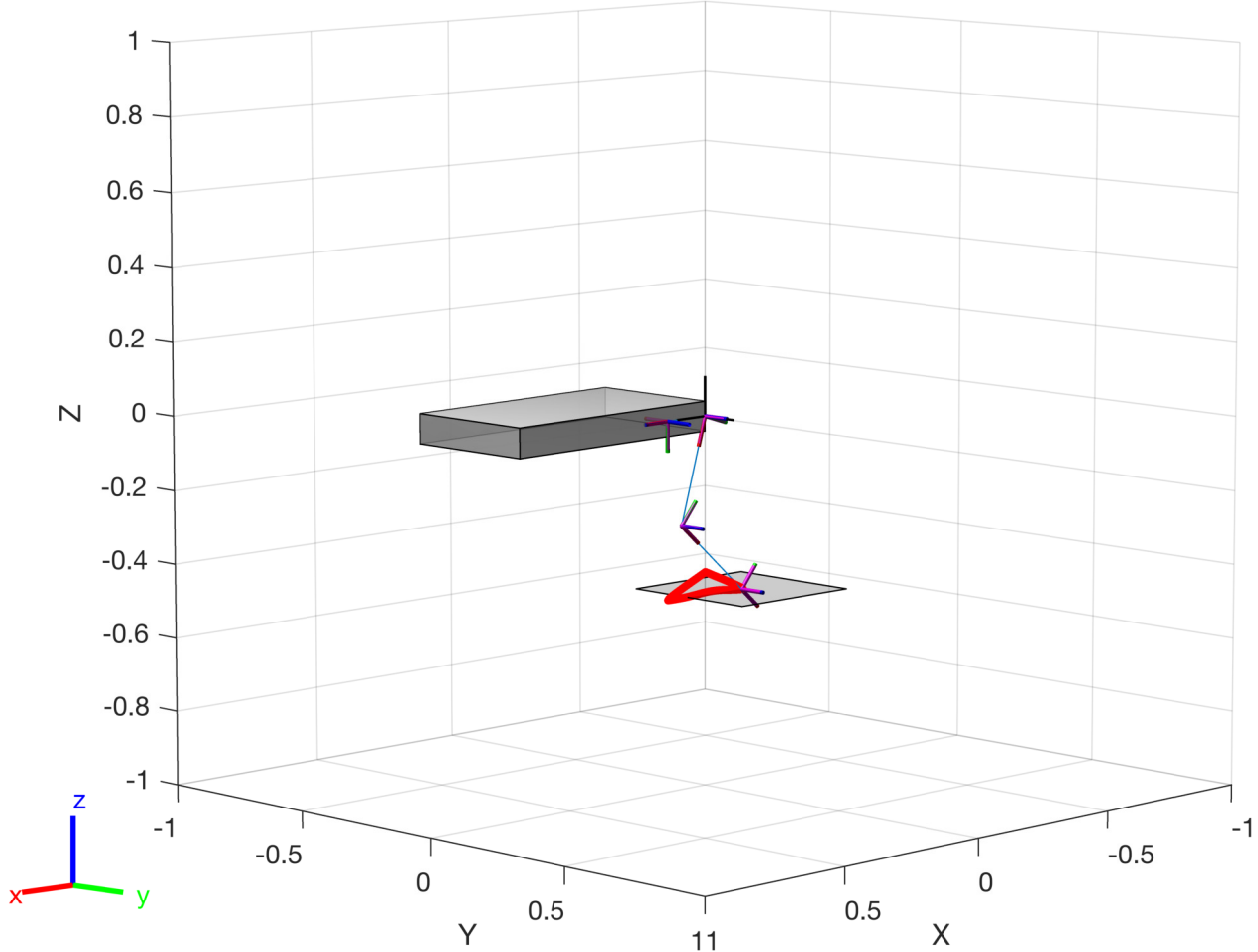
Nominal LF



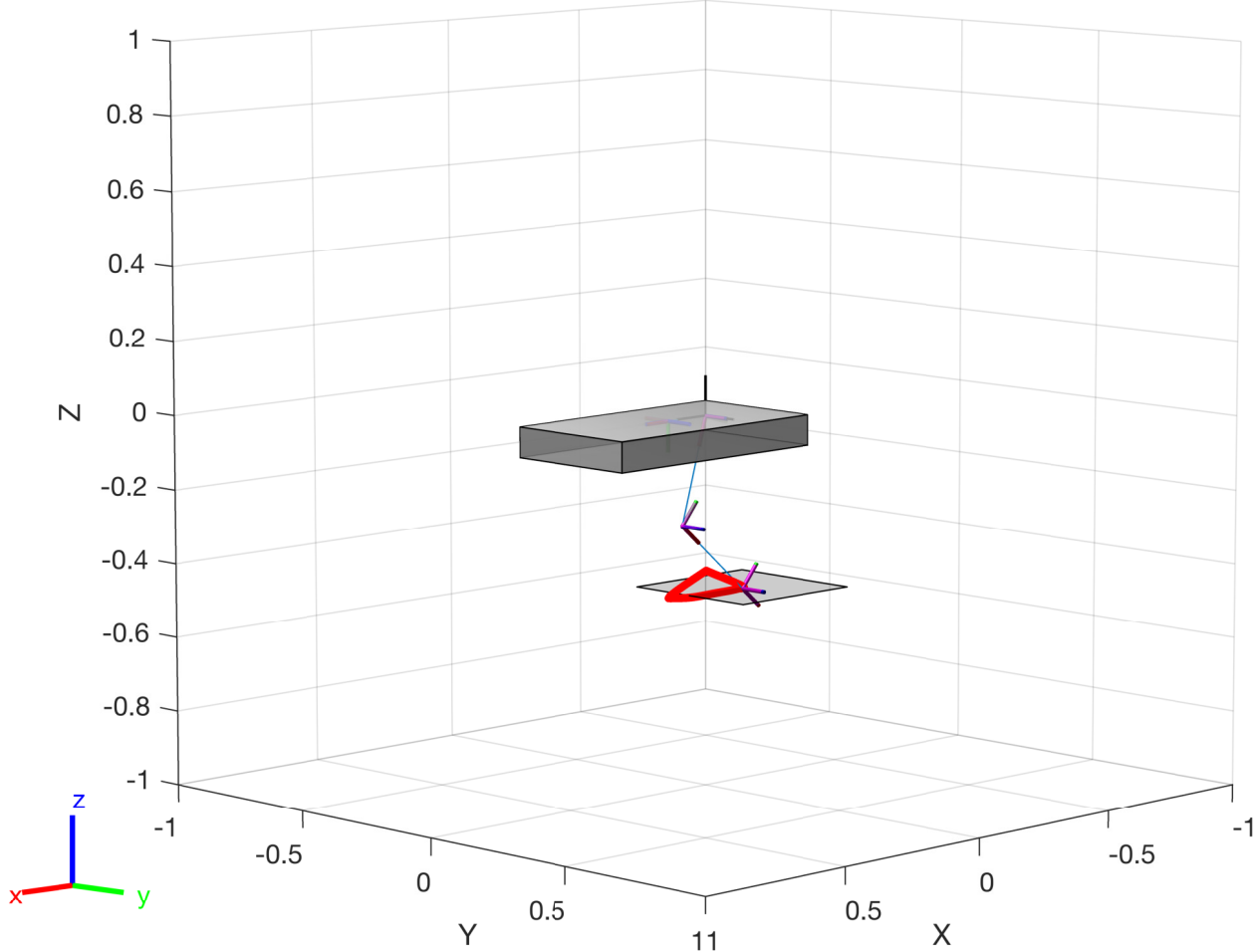
Nominal RF



Nominal LH



Nominal RH



Optimized LF

