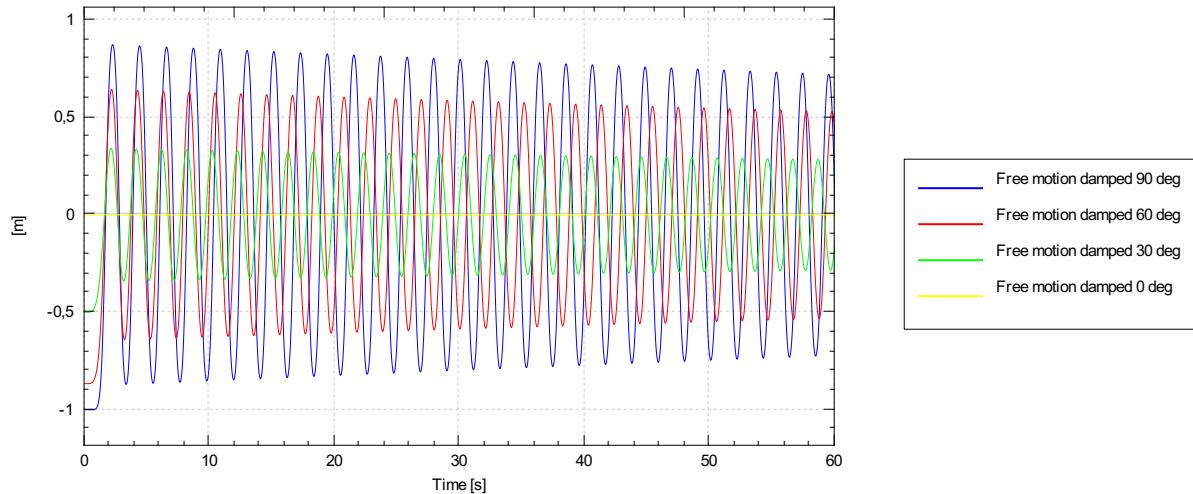


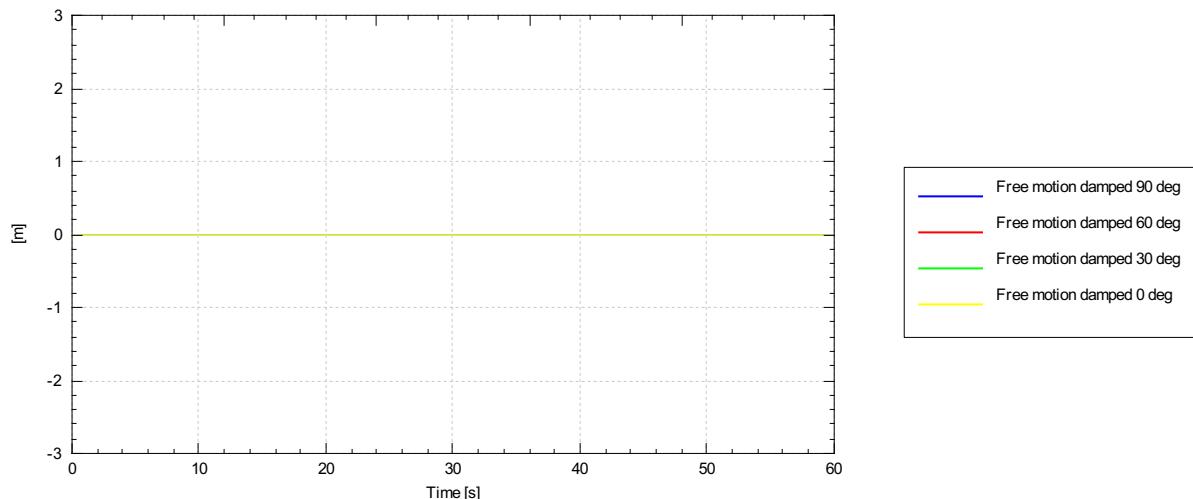
## Comparison of load cases

### Sensor Node [Node 2 | Pendulum]

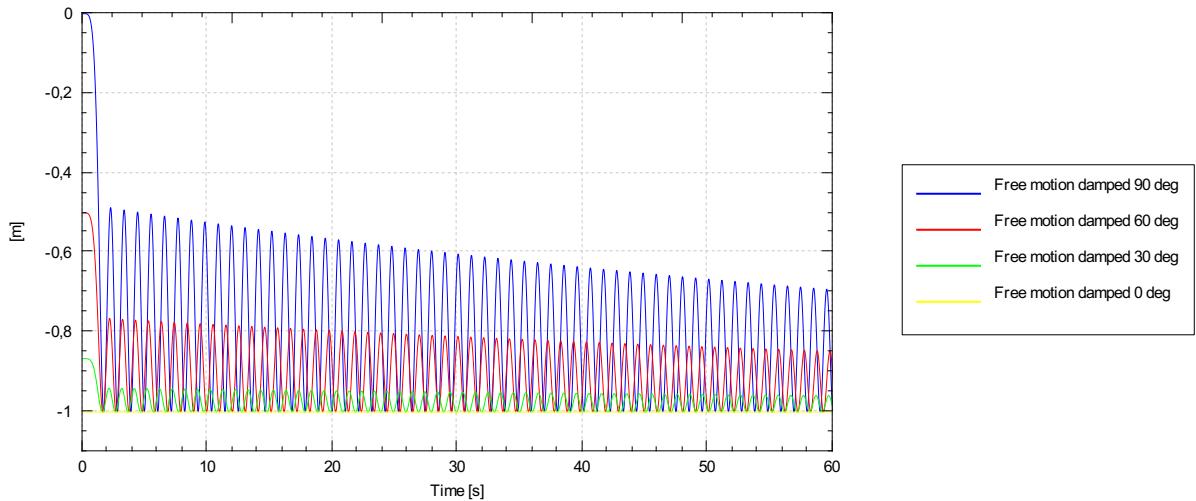
Position (x)



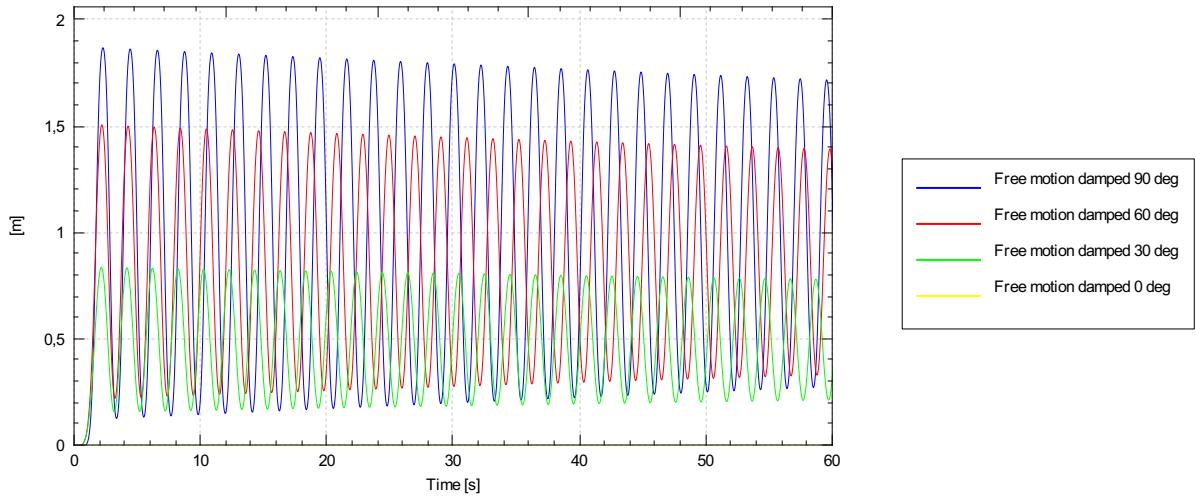
Position (y)



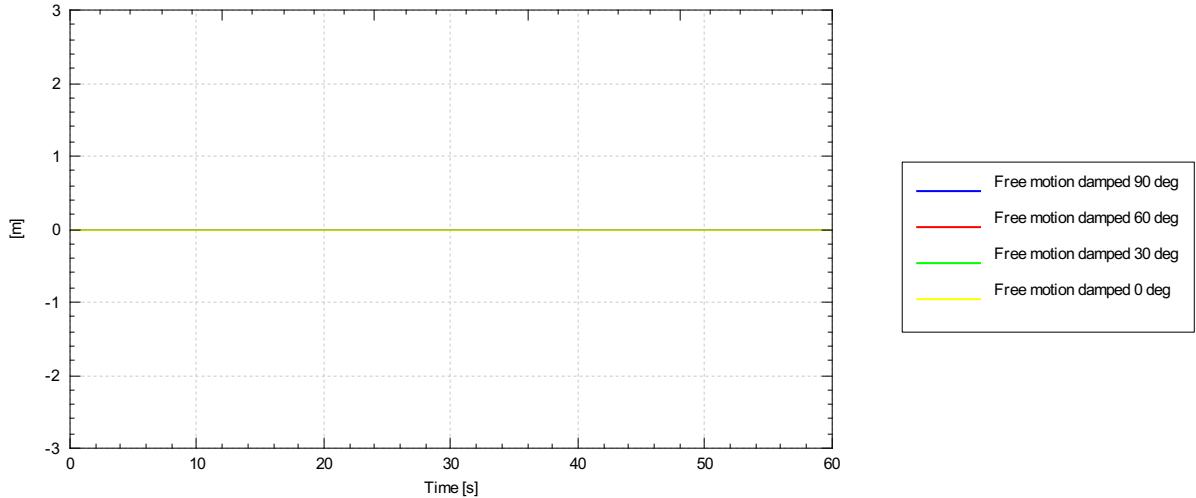
Position (z)



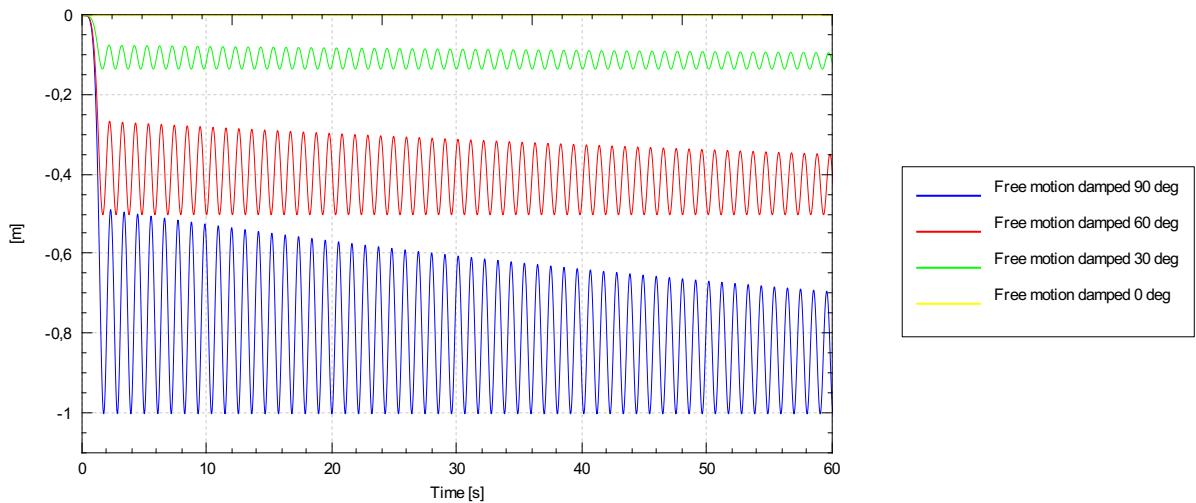
Displacement (u)



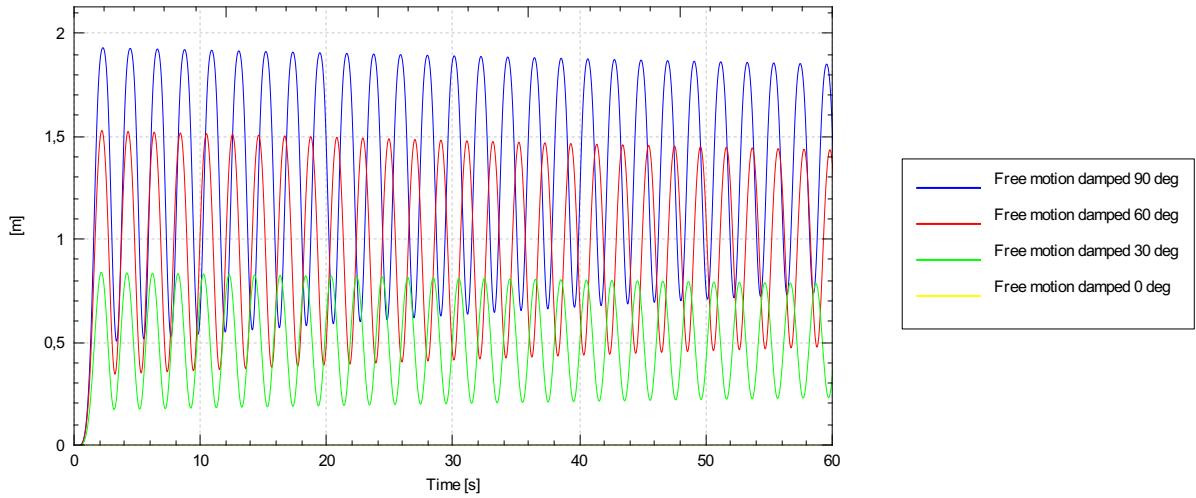
Displacement (v)



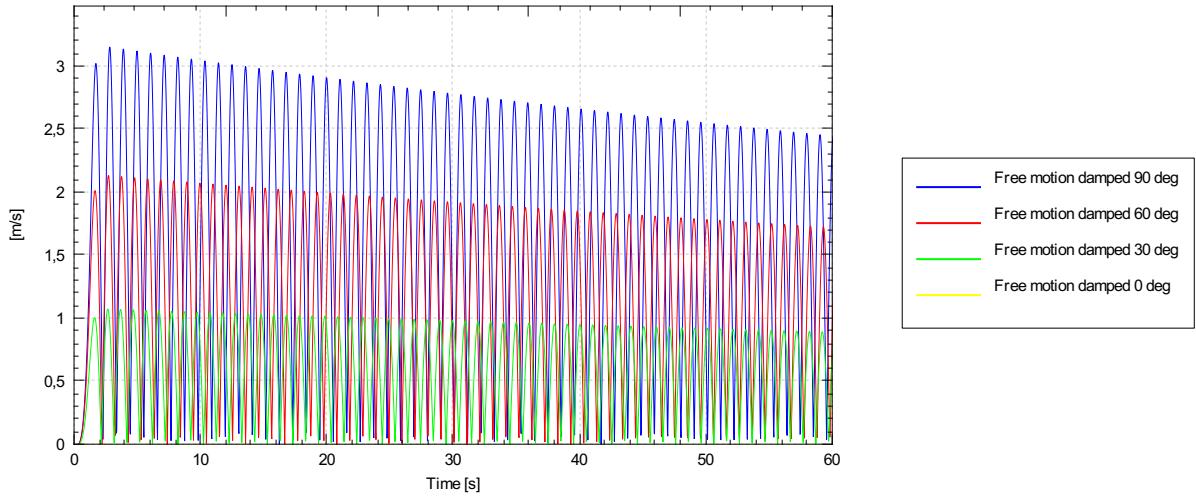
Displacement (w)



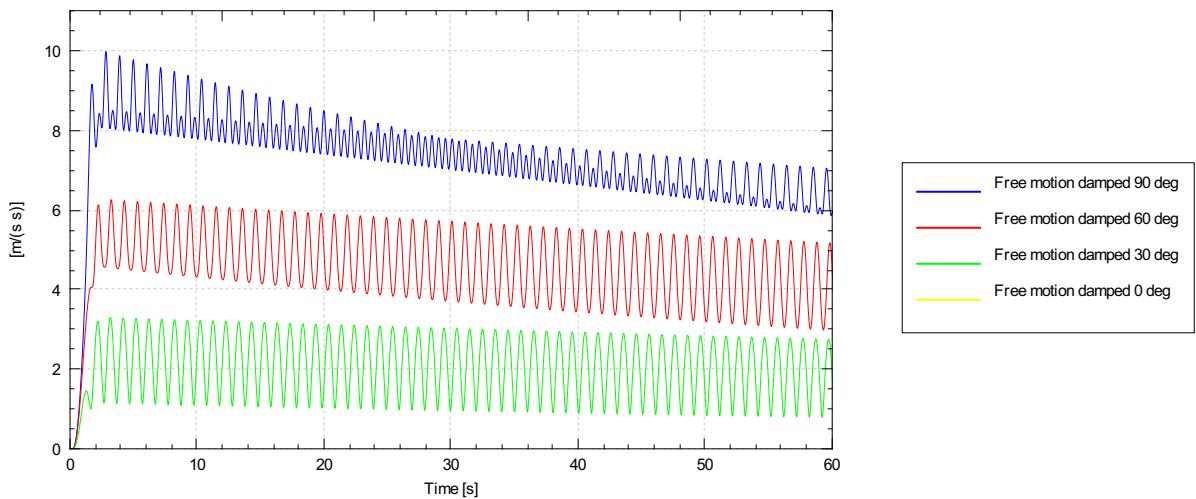
Displacement magnitude



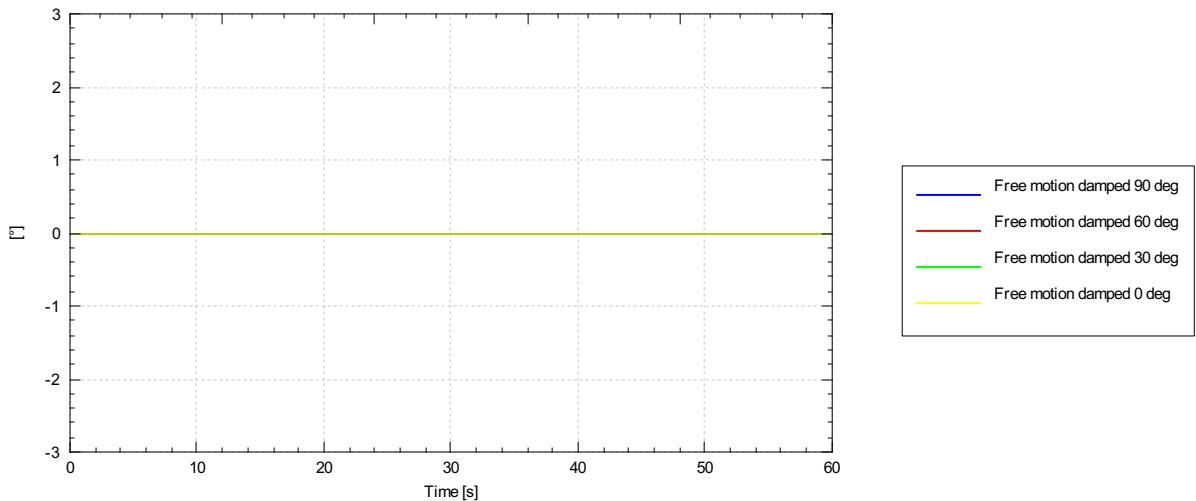
Speed



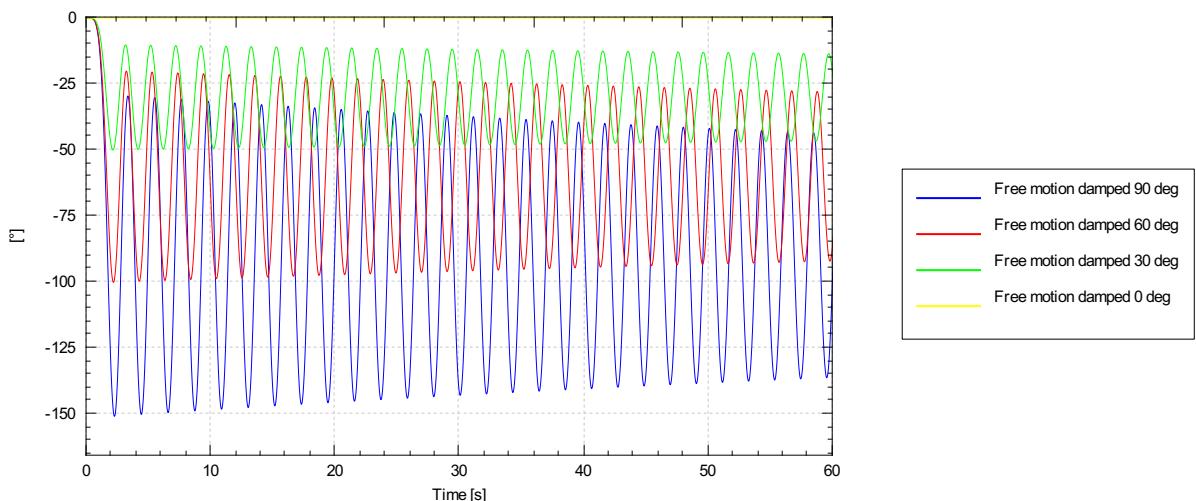
Acceleration, magnitude



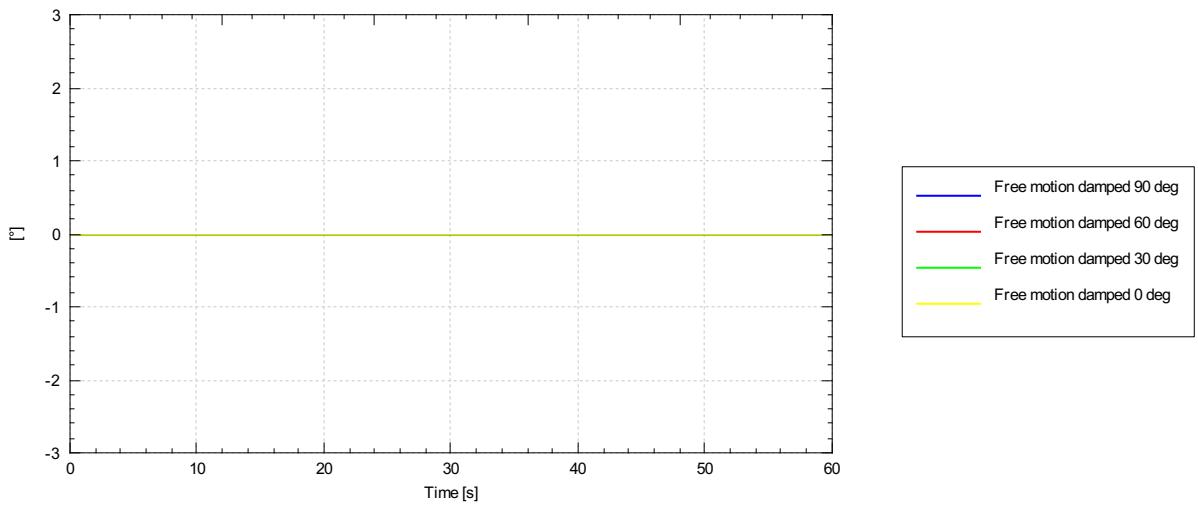
Rotational displacement (ru)



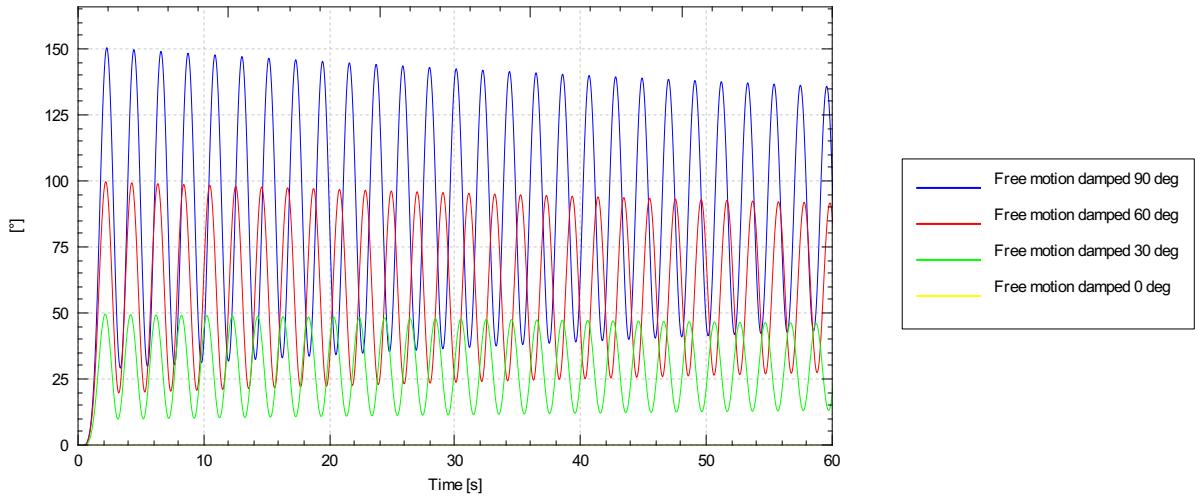
Rotational displacement (rv)



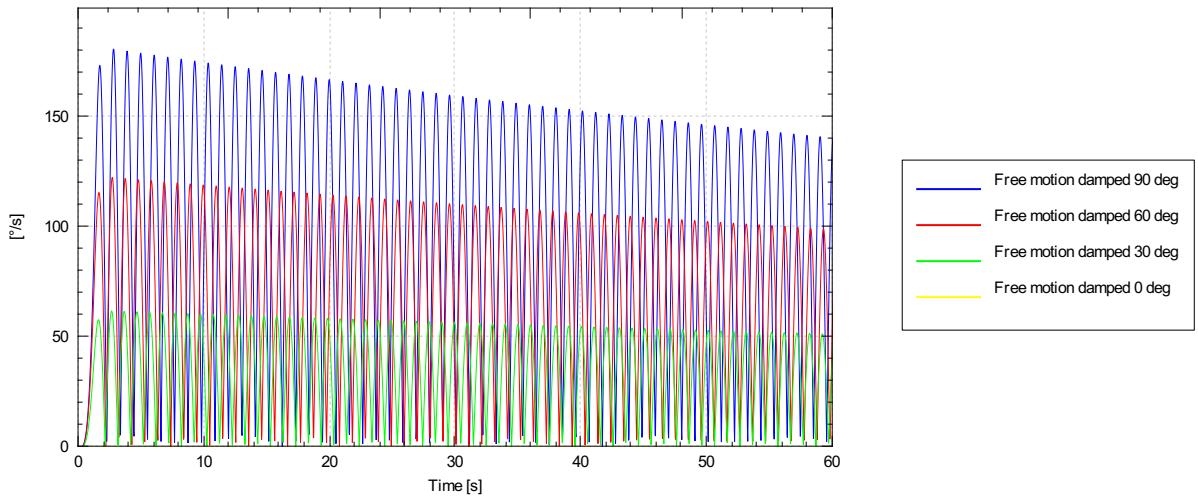
Rotational displacement (rw)



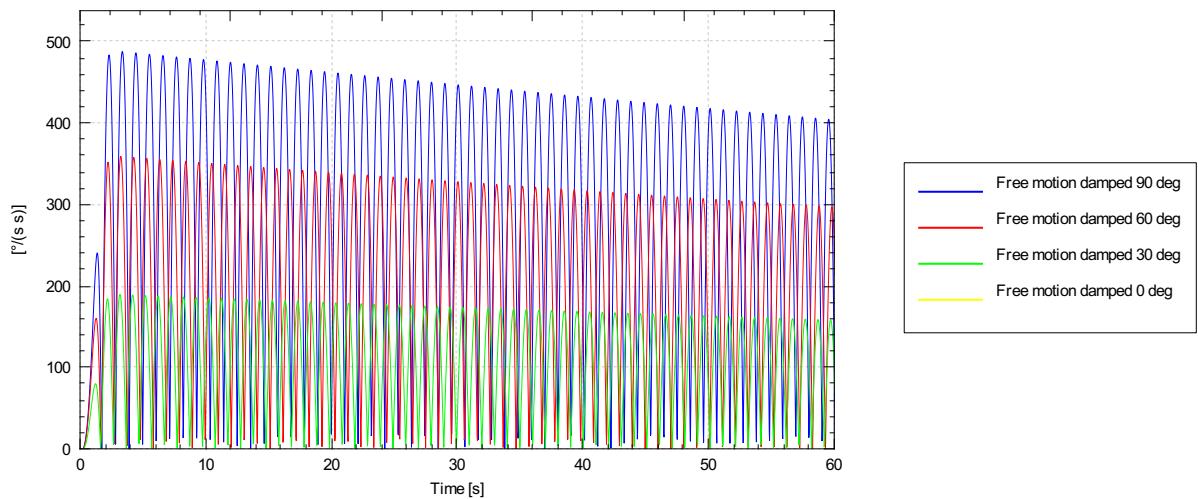
Rotational displacement magnitude



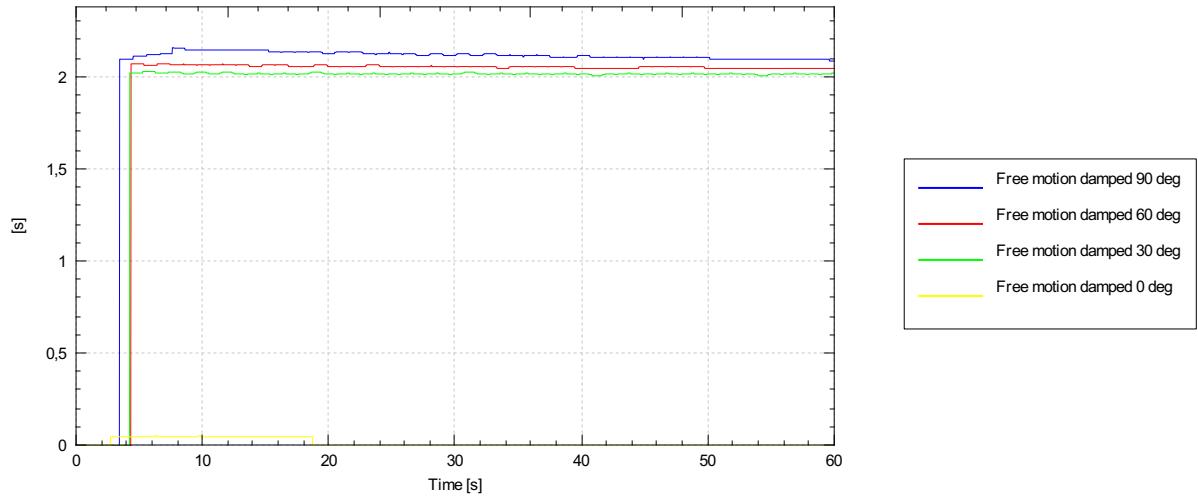
Rotational speed



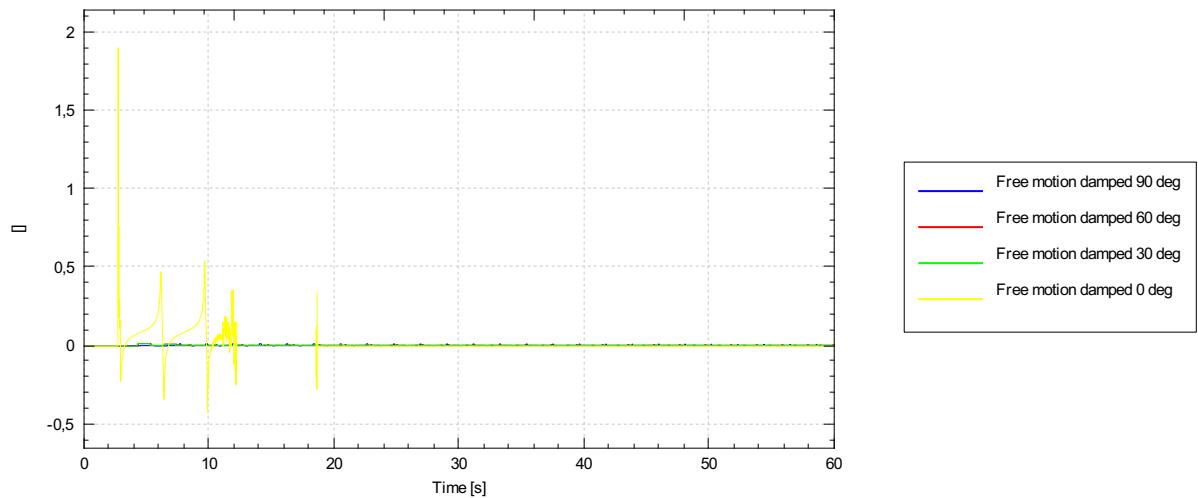
Rotational acceleration mag



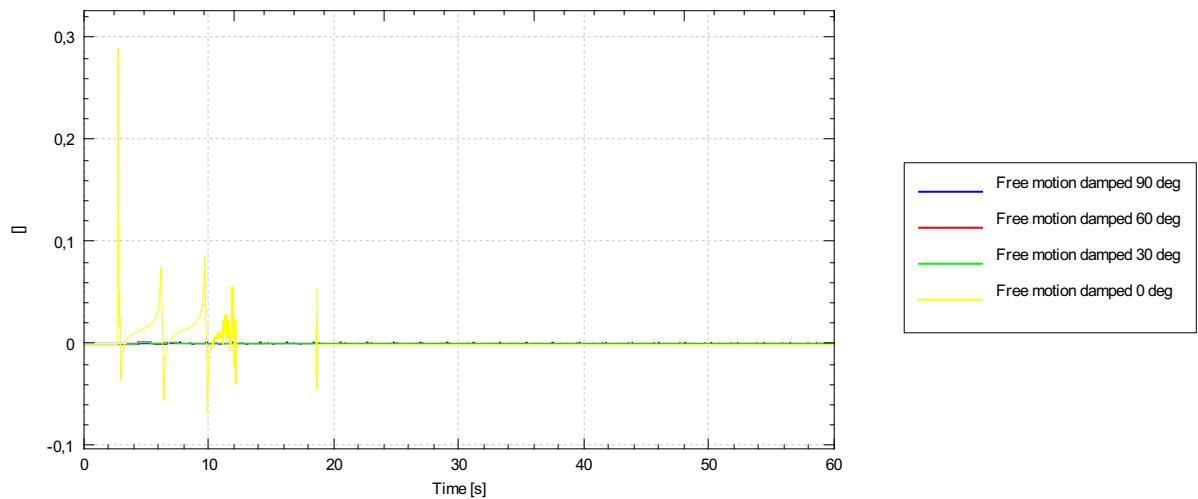
Displacement period



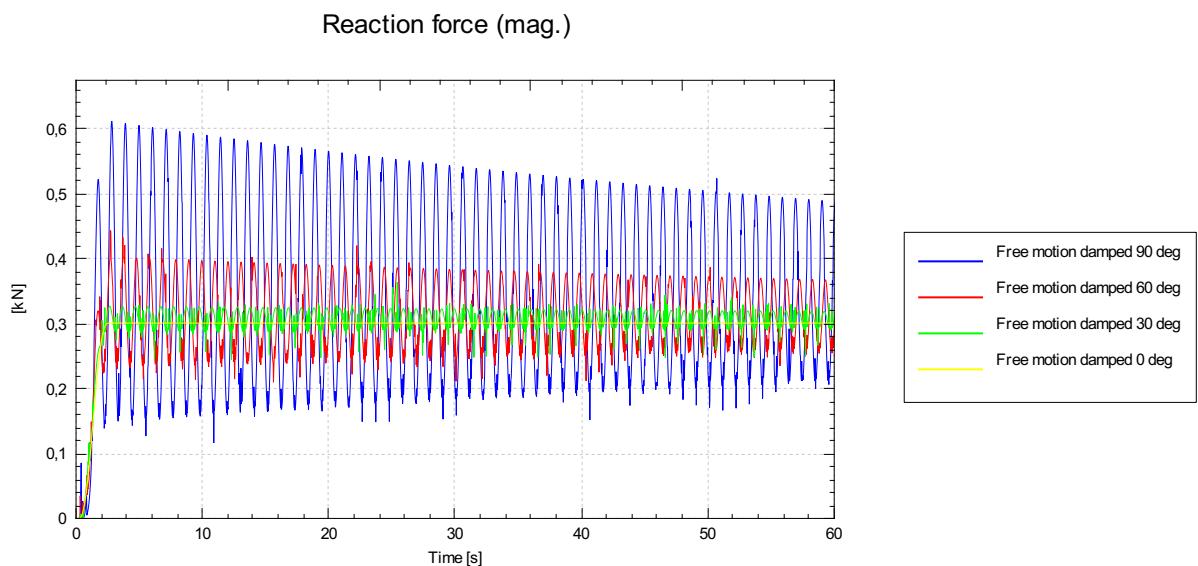
Displacement logarithmic decrement



### Displacement damping ratio

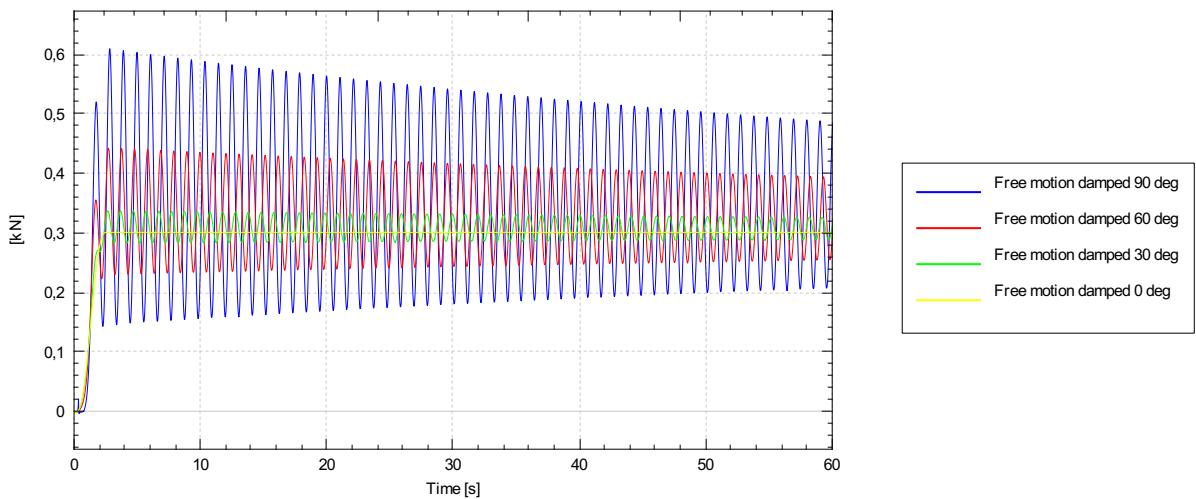


### Sensor Support [Support 1 | Pendulum]

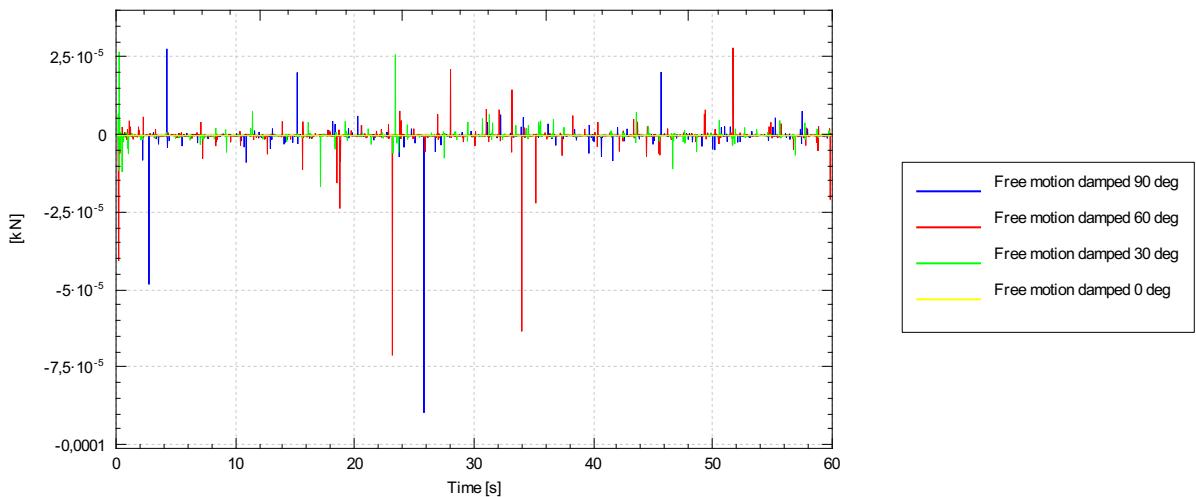


### Sensor Beam element [Element 1 | Pendulum]

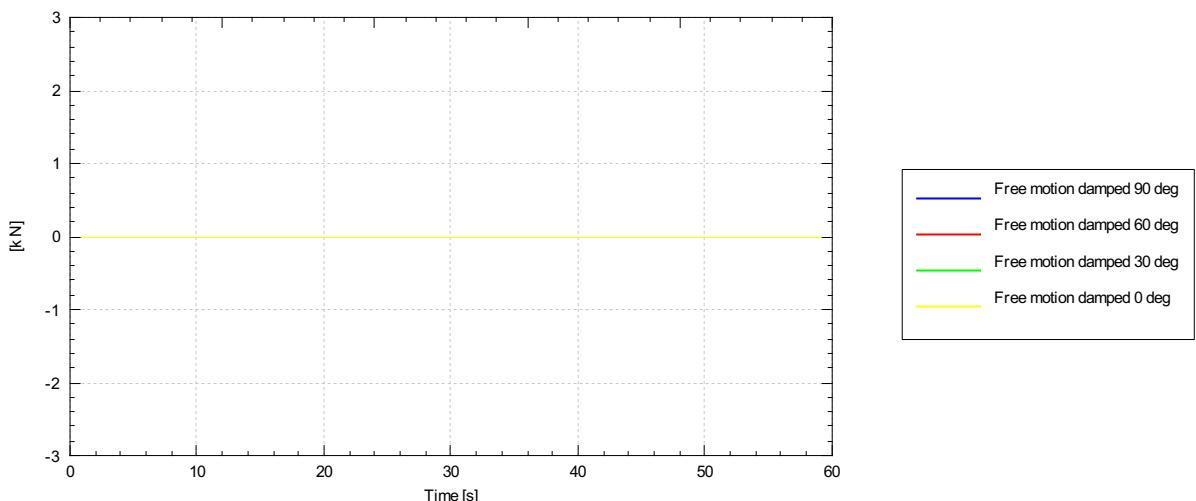
### Axial force



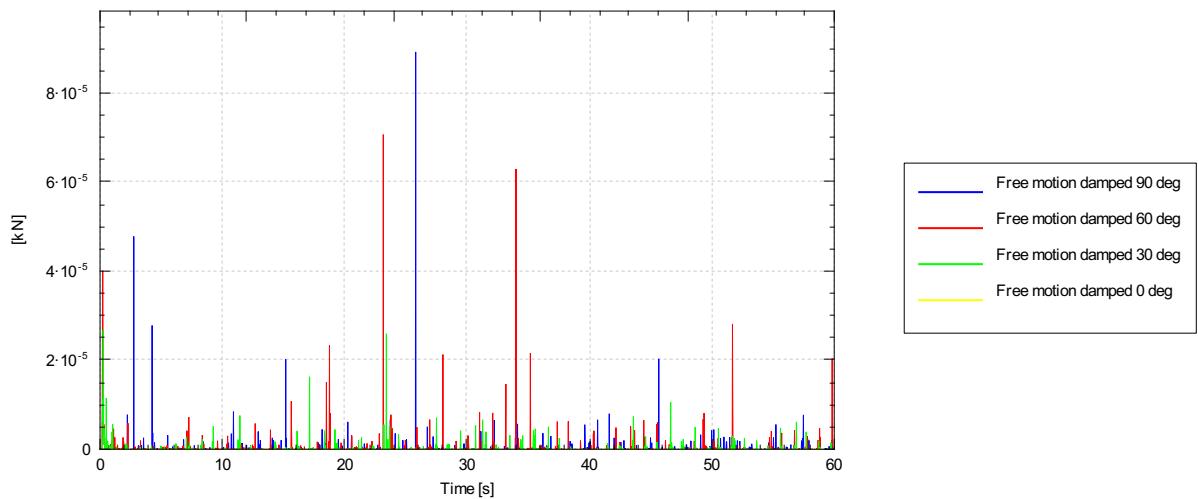
### Shear force (1st prin. axis)



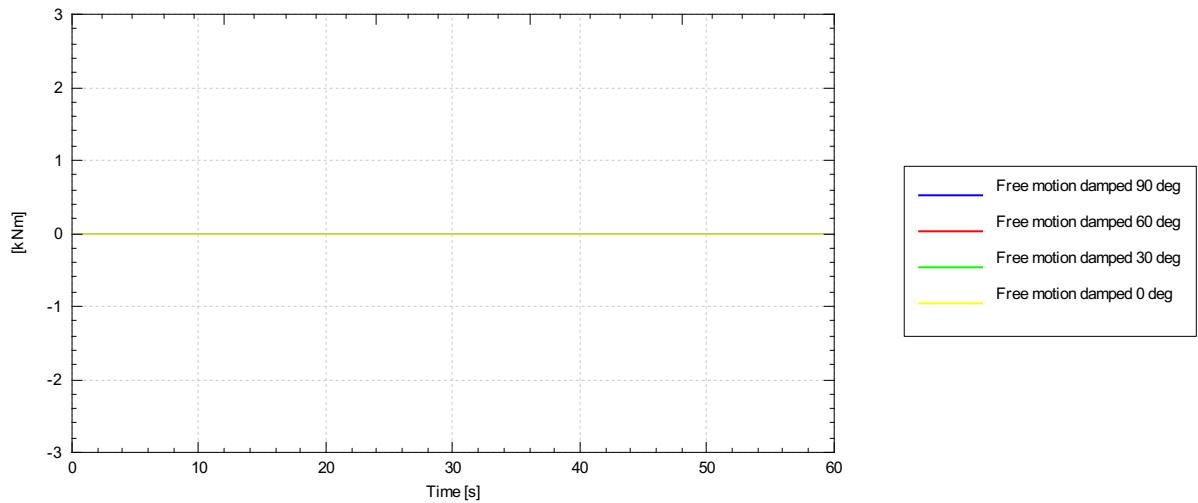
### Shear force (2nd prin. axis)



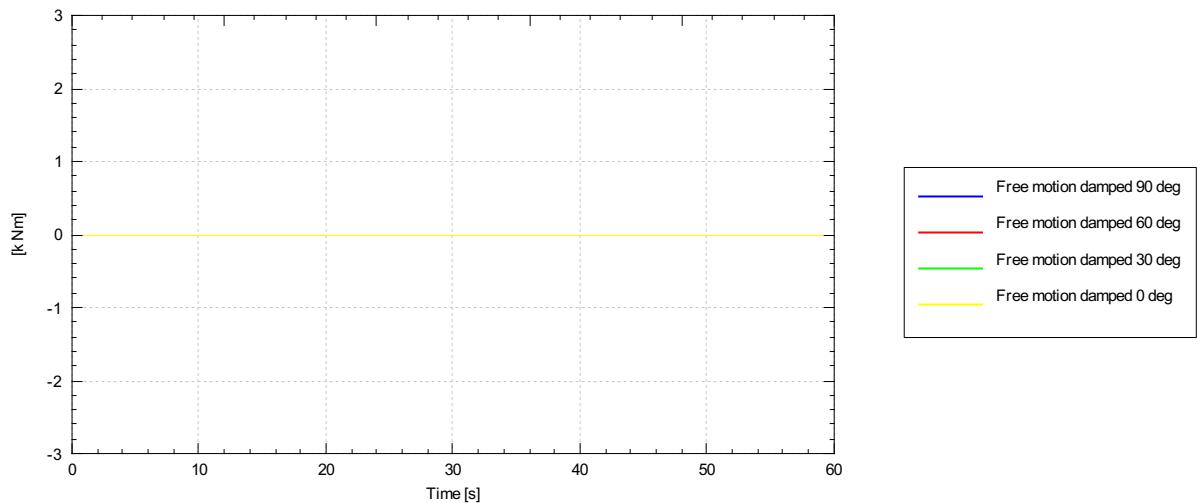
Shear force, mag.



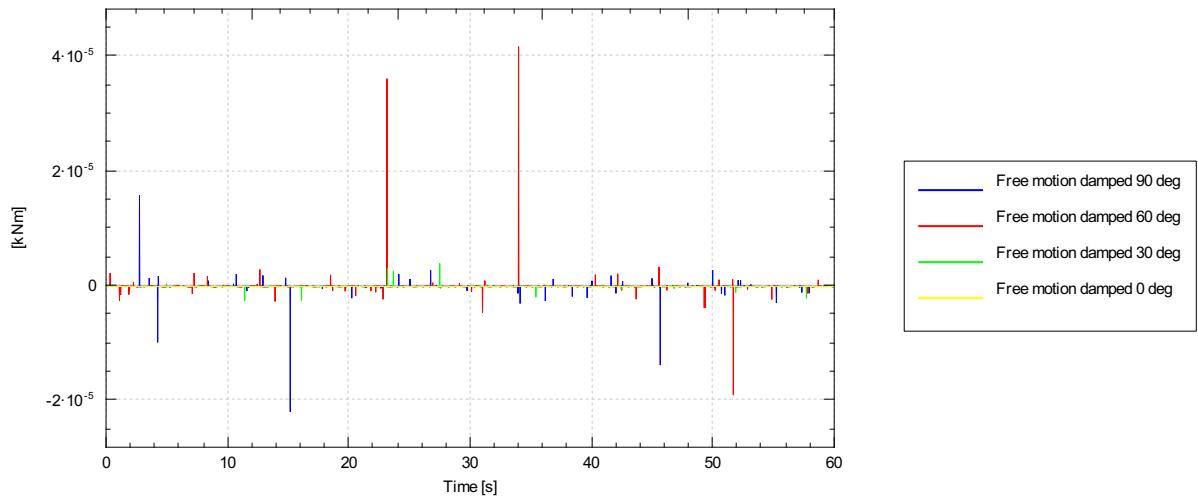
Torque



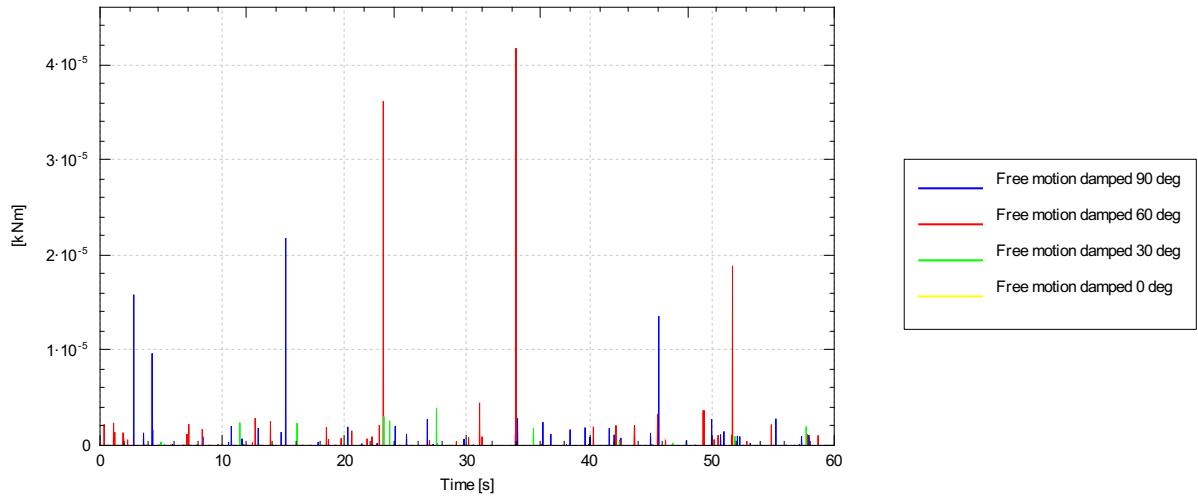
Moment (1st prin. axis), i



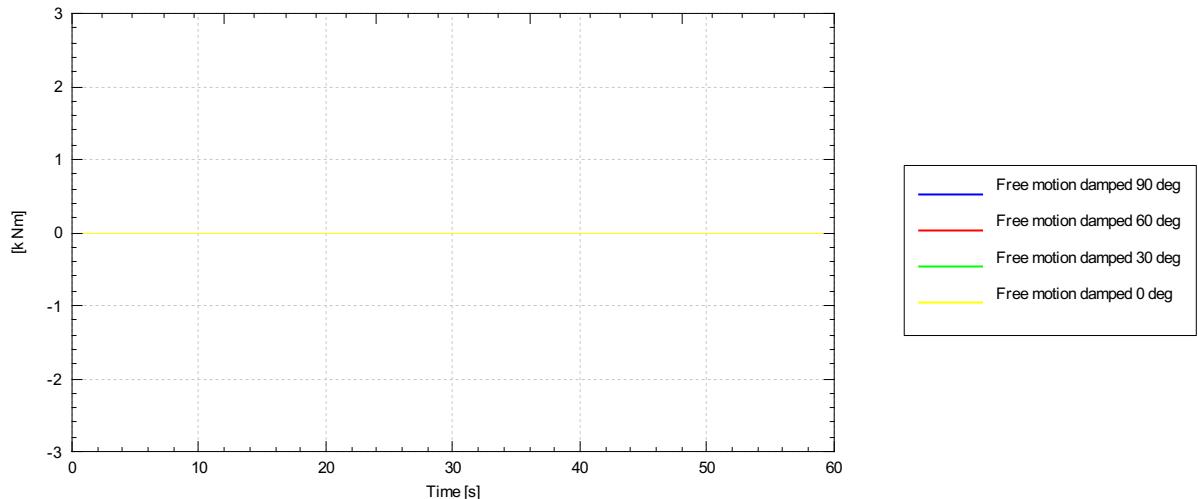
Moment (2nd prin. axis), i



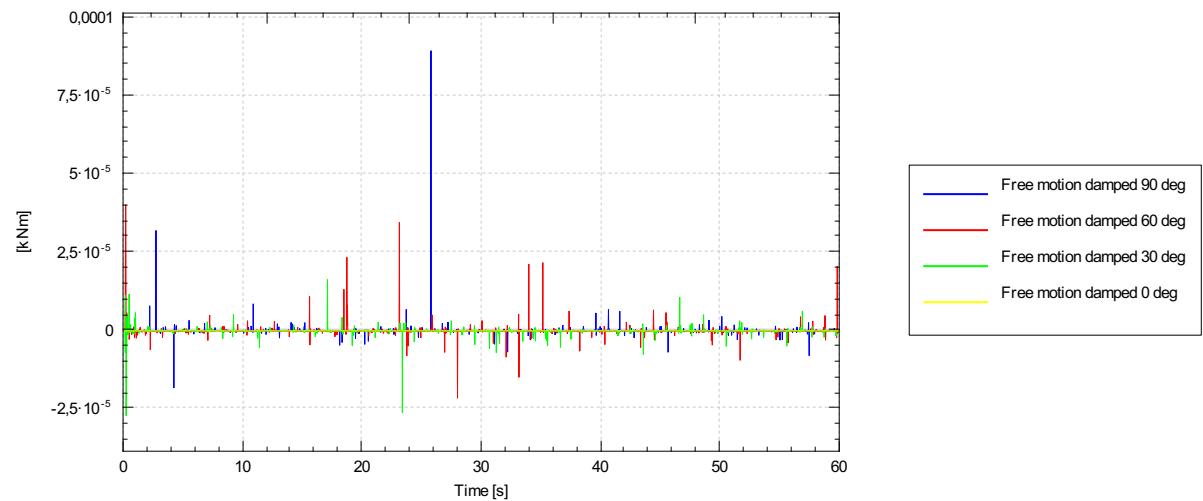
Moment, mag., i



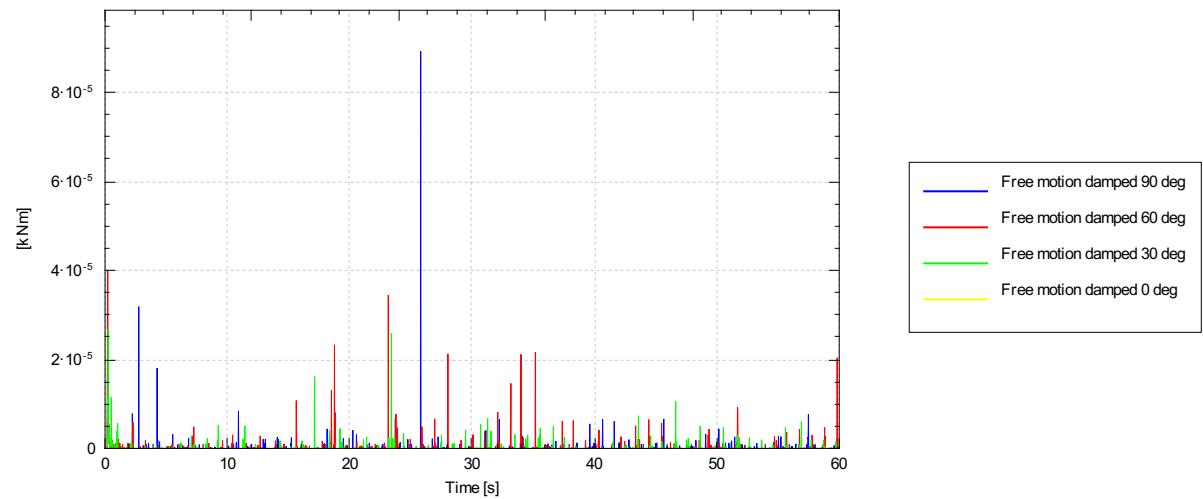
Moment (1st prin. axis), j



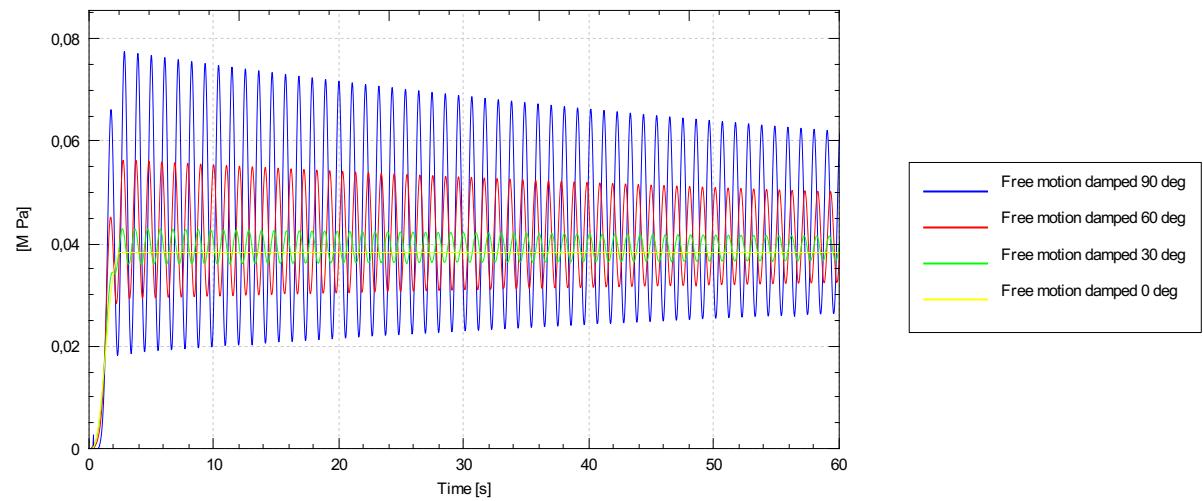
Moment (2nd prin. axis),  $j$



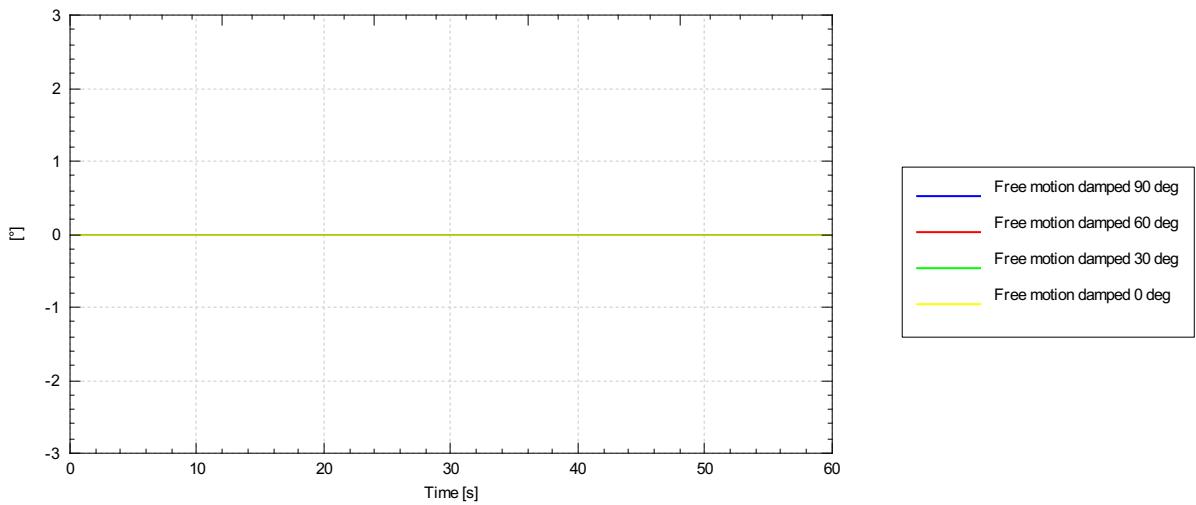
Moment, mag.,  $j$



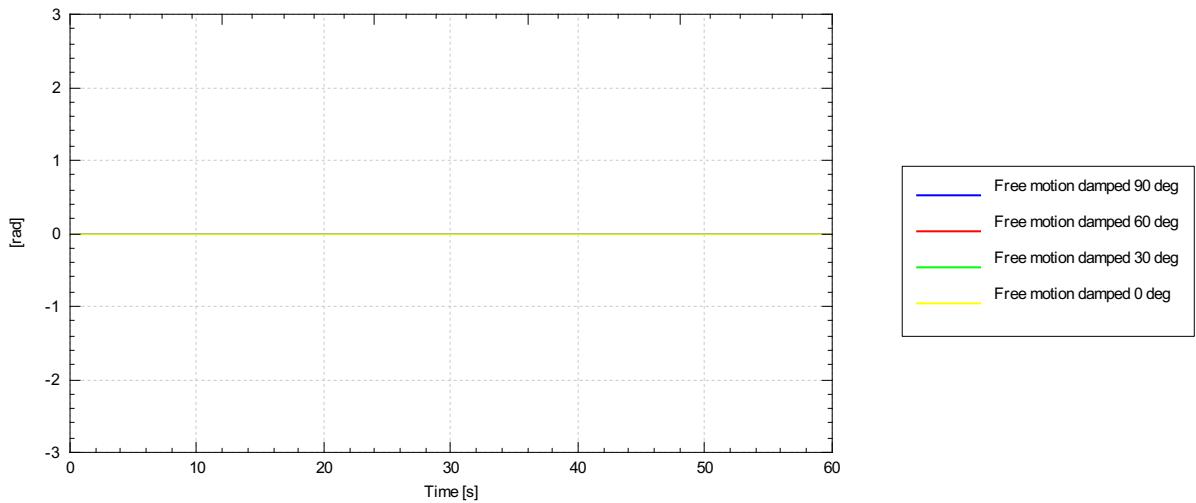
Max normal stress



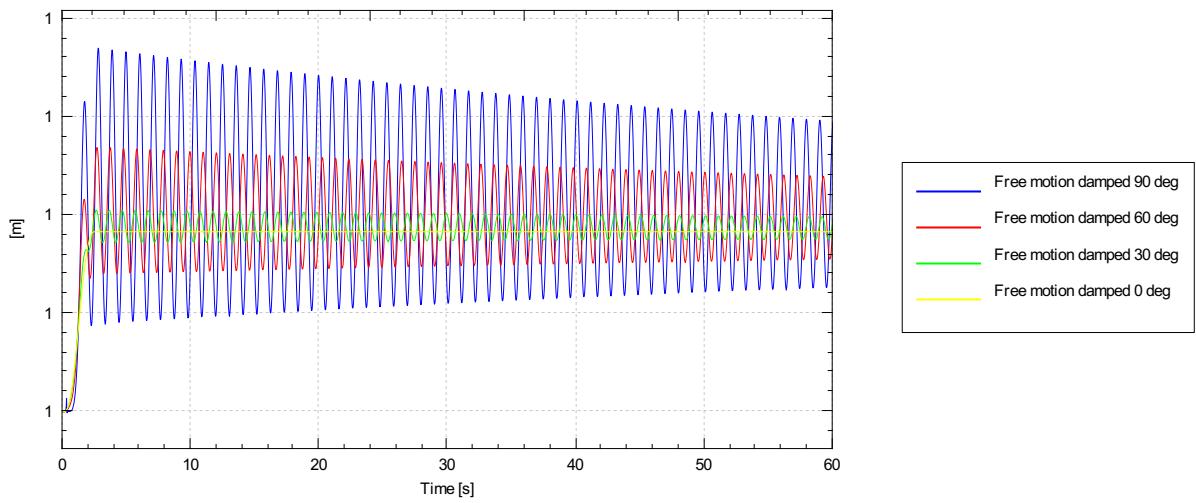
Twist (structural)



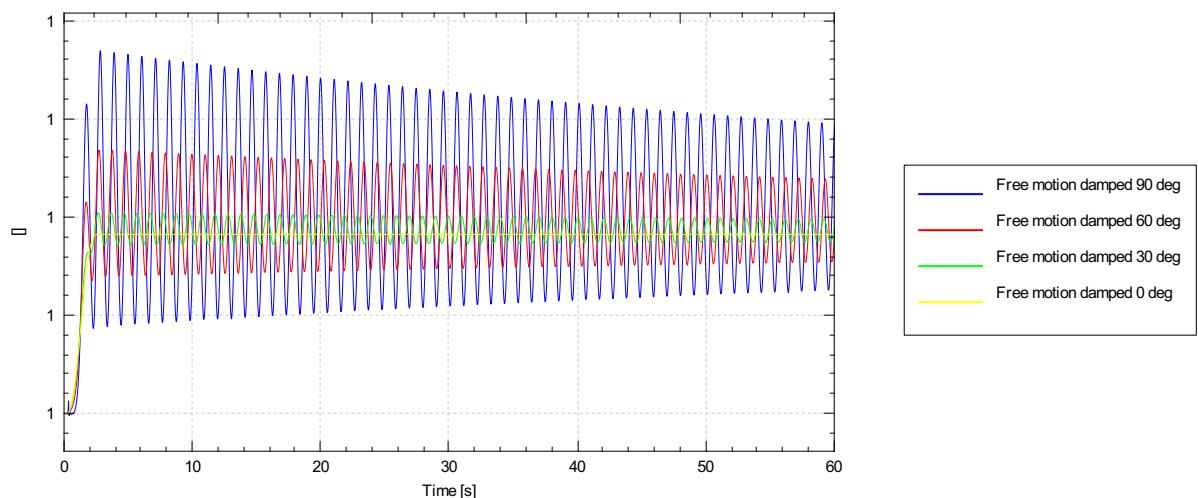
Twist (structural) - rad



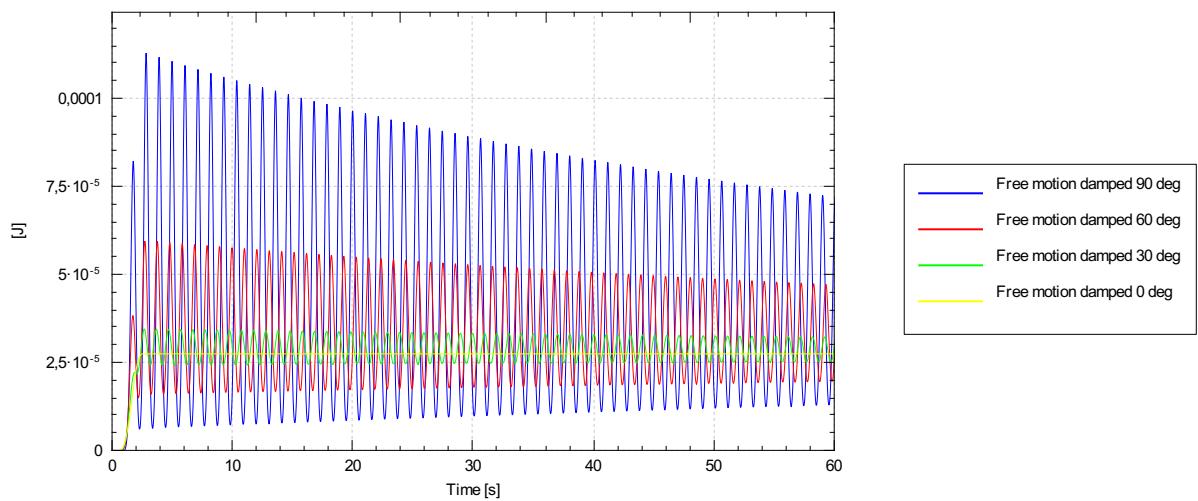
Deformed length



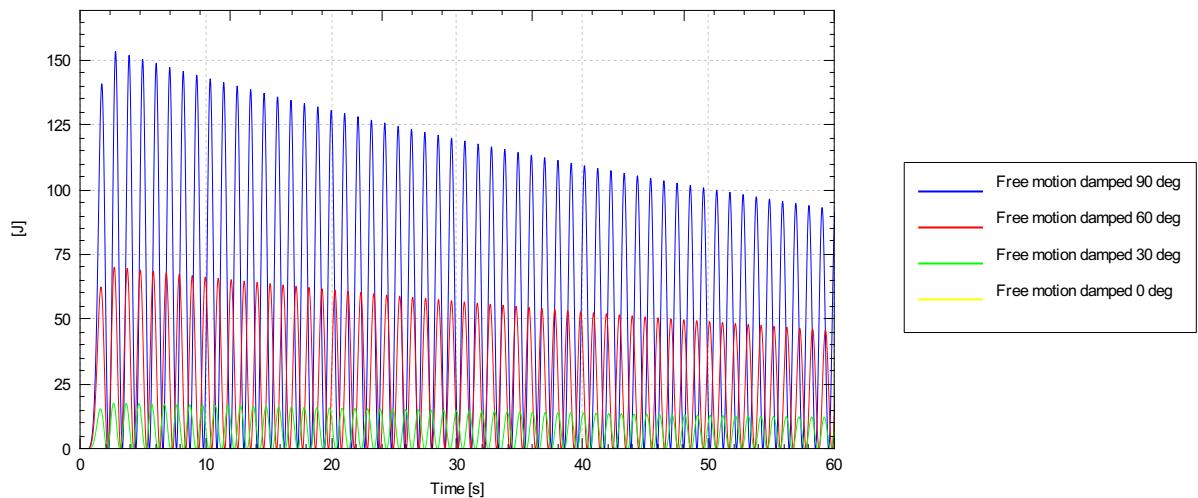
### Elongation



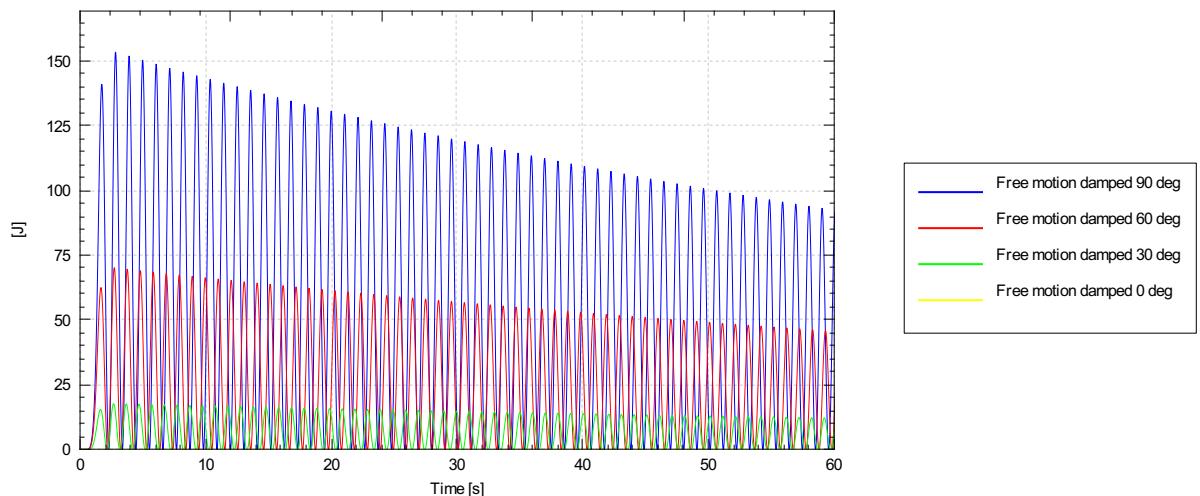
### Strain energy



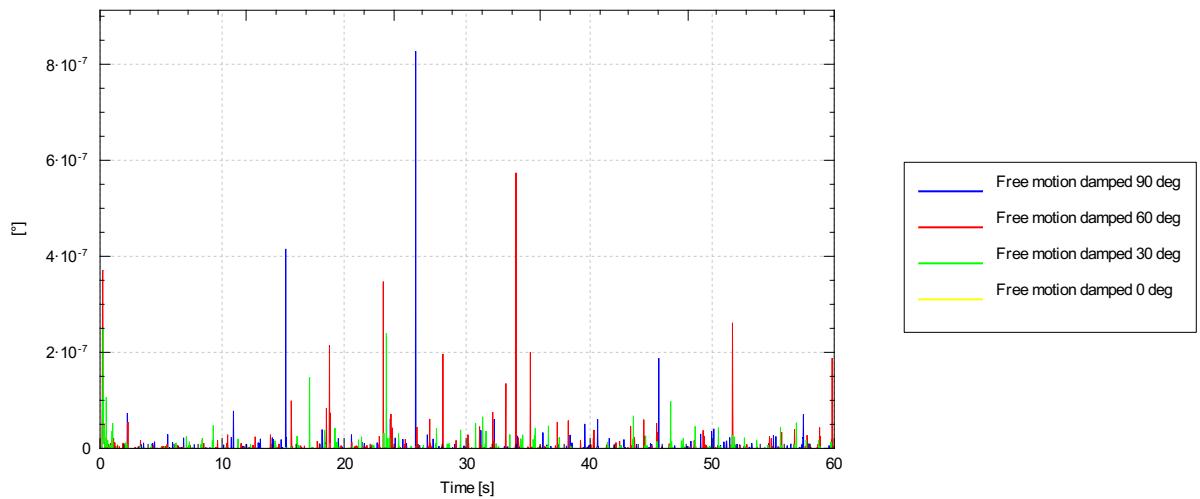
### Kinetic energy



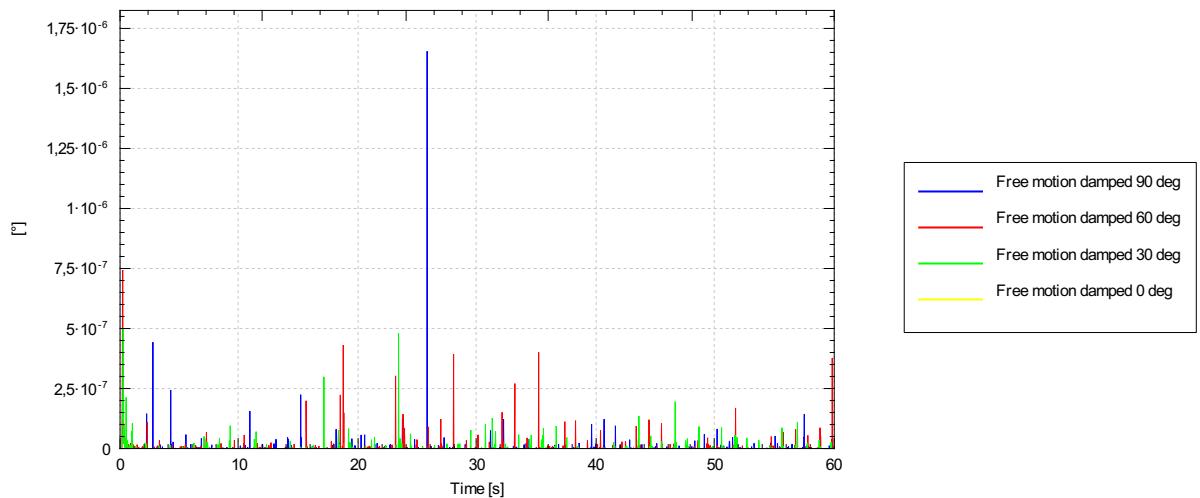
### Mechanical energy



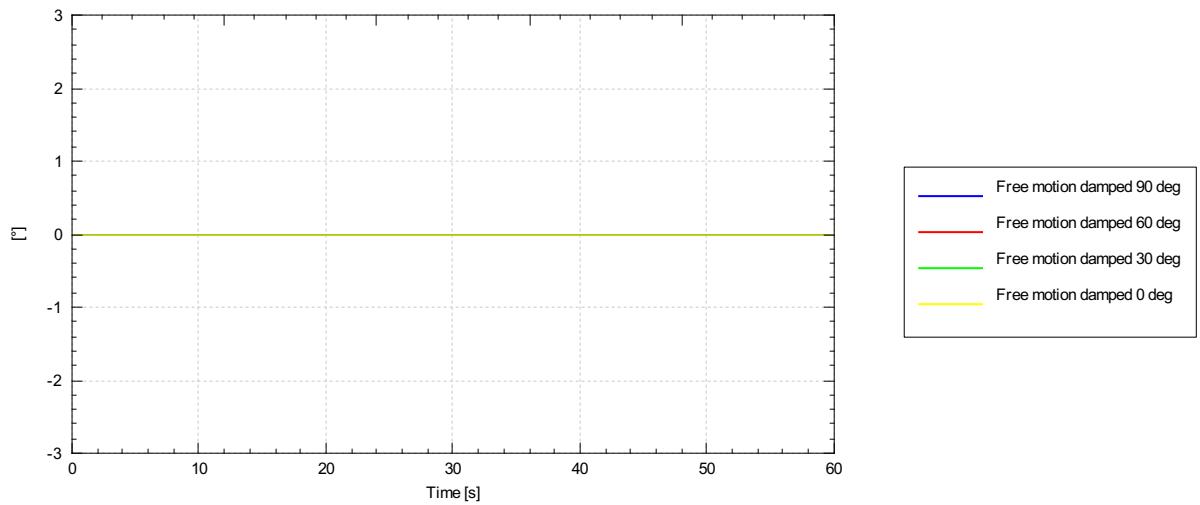
### Deformational rotation (i)



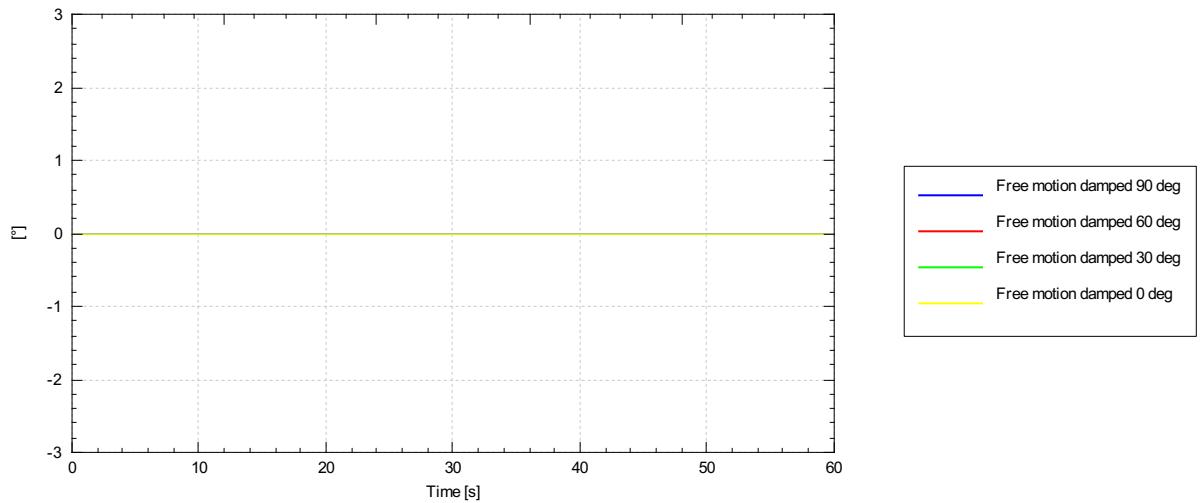
### Deformational rotation (j)



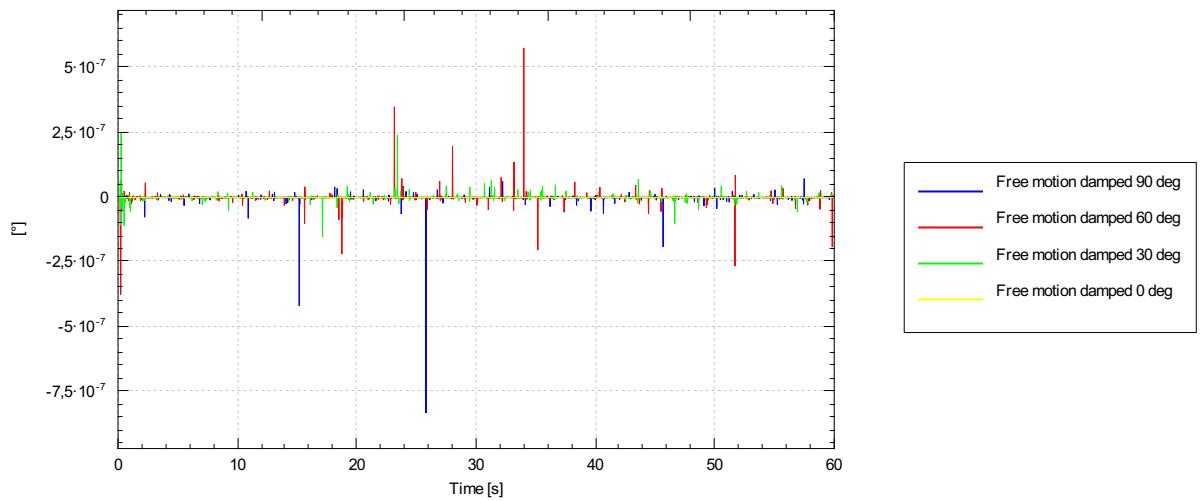
Deformational rotation (axial)



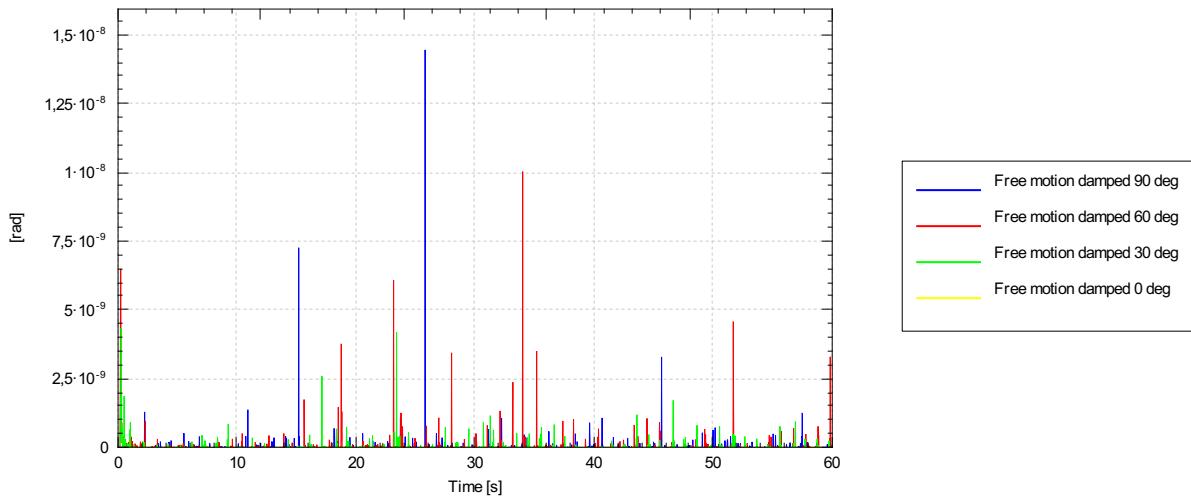
Deformational rotation (1st prin.)



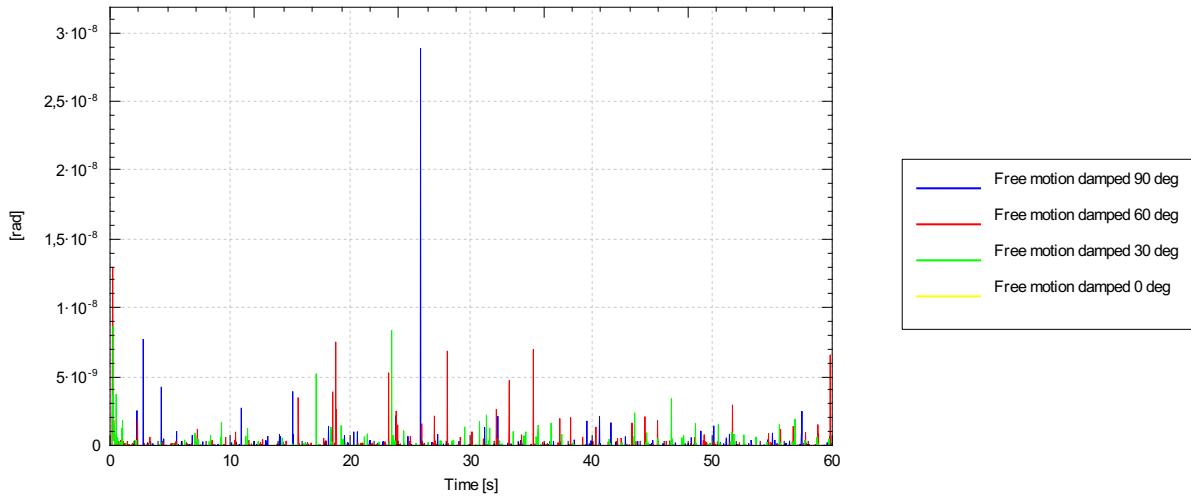
Deformational rotation (2nd prin.)



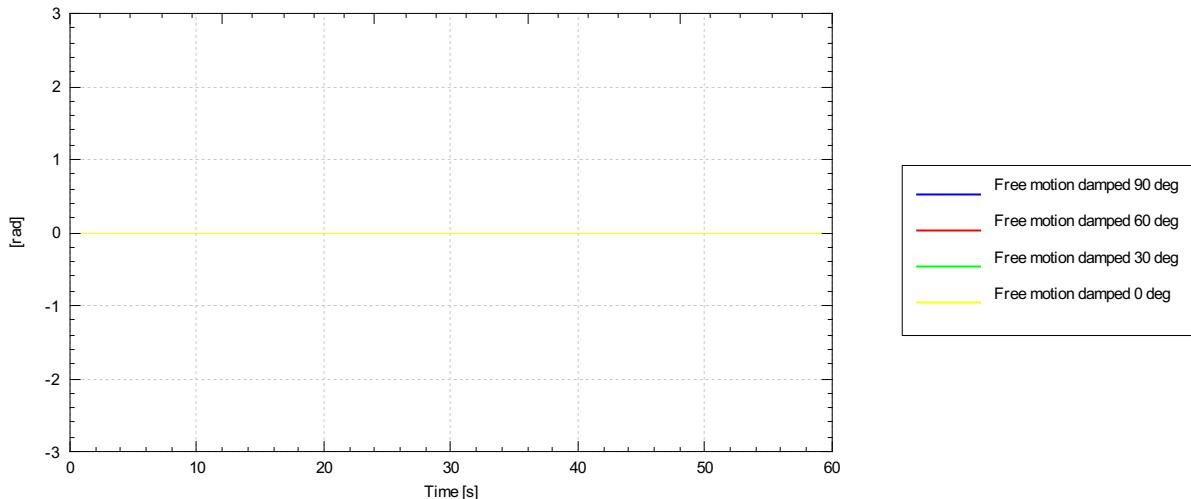
Deformational rotation (i) - rad



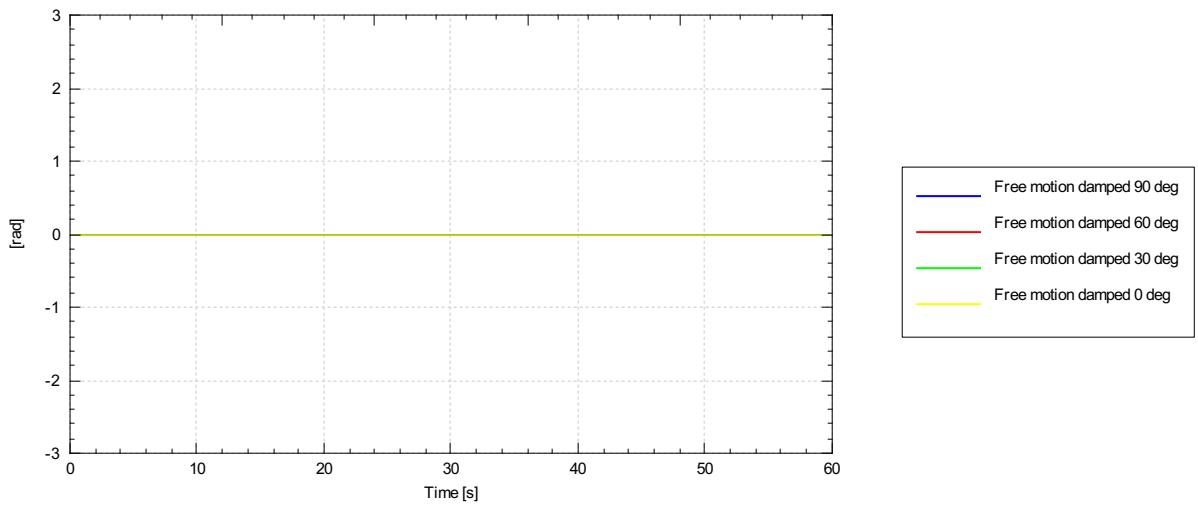
Deformational rotation (j) - rad



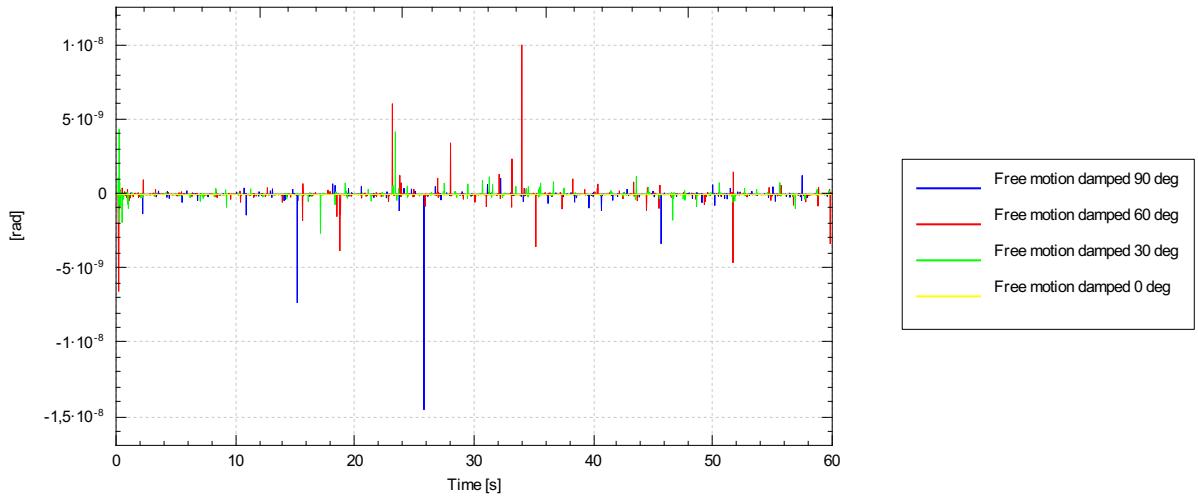
Deformational rotation (axial) - rad



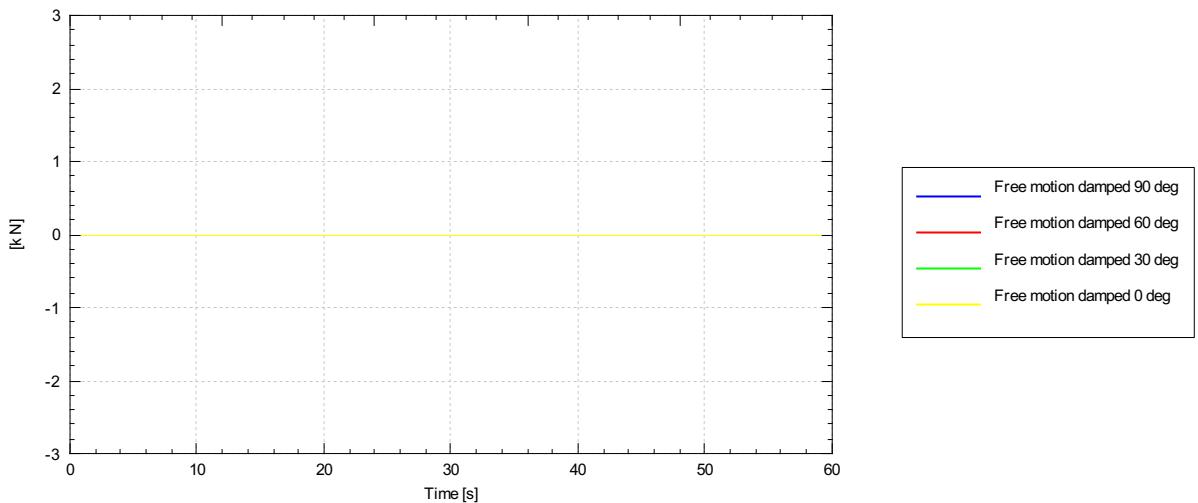
Deformational rotation (1st prin.) - rad



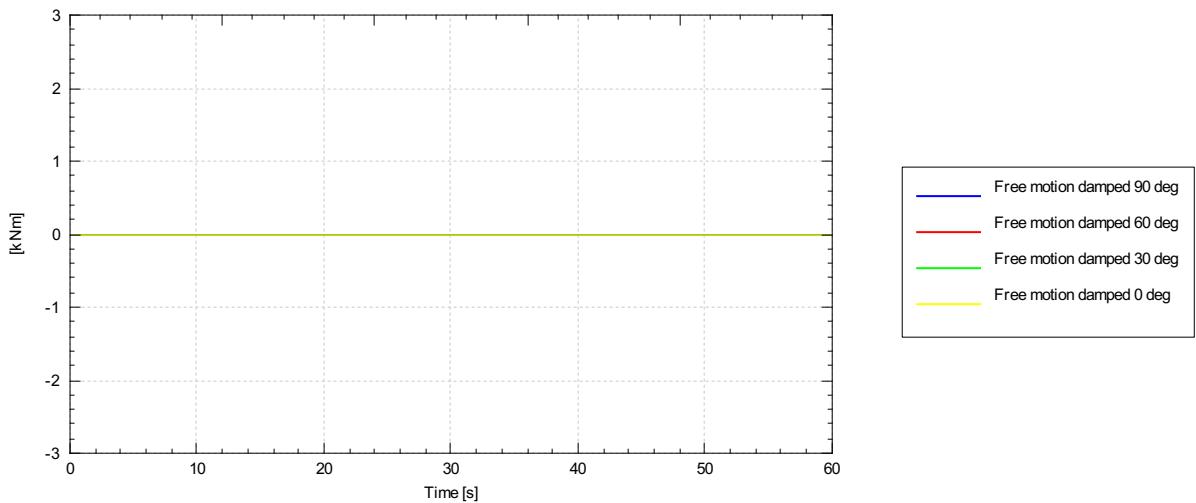
Deformational rotation (2nd prin.) - rad



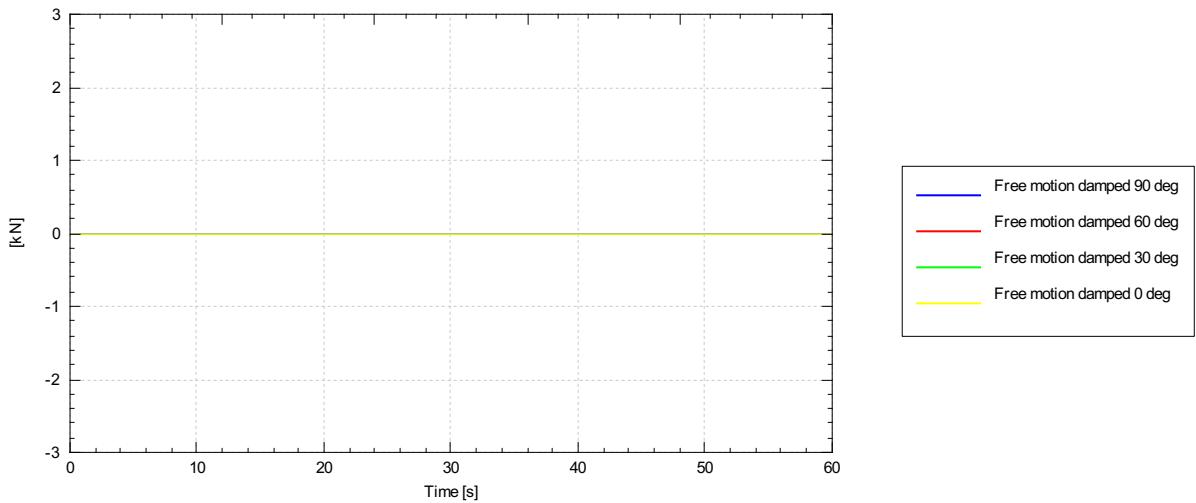
Damping force, i



Damping moment, i



Damping force, sum



Damping moment, sum

