

Regression test

Test run started 2025-08-26T23:55:24Z

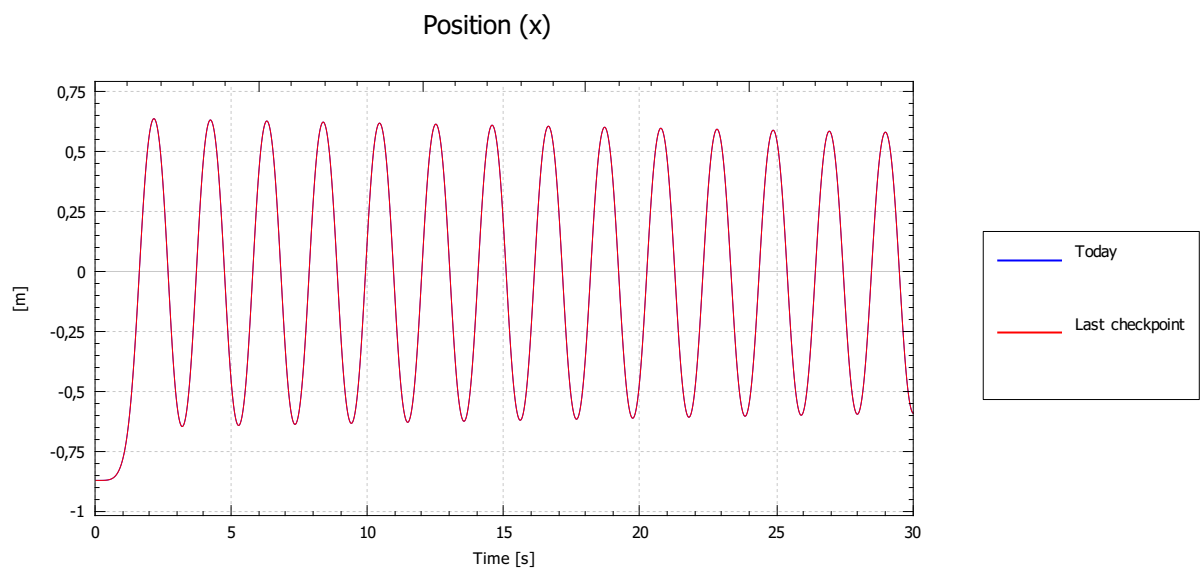
Ashes version: 3.32.0

Default pendulum			
Load case set 1			
Load case	Time series	Error score	
Load case 1	Position (x)	0.000000	PASS
	Position (y)	0.000000	PASS
	Position (z)	0.000000	PASS
	Displacement (u)	0.000000	PASS
	Displacement (v)	0.000000	PASS
	Displacement (w)	0.000000	PASS
	Displacement magnitude	0.000000	PASS
	Speed	0.000000	PASS
	Acceleration, magnitude	0.000000	PASS
	Rotational displacement (ru)	0.000000	PASS
	Rotational displacement (rv)	0.000000	PASS
	Rotational displacement (rw)	0.000000	PASS
	Rotational displacement magnitude	0.000000	PASS
	Rotational speed	0.000000	PASS
	Rotational acceleration mag	0.000000	PASS
	Displacement period	0.000000	PASS
	Displacement logarithmic decrement	0.000000	PASS
	Displacement damping ratio	0.000000	PASS
	Reaction force (x)	0.000000	PASS
	Reaction force (y)	0.000000	PASS
	Reaction force (z)	0.000000	PASS
	Reaction force (mag.)	0.000000	PASS
	Axial force	0.000000	PASS
	Shear force (1st prin. axis)	0.000000	PASS
	Shear force (2nd prin. axis)	0.000000	PASS
	Shear force, mag.	0.000000	PASS
	Torque	0.000000	PASS
	Moment (1st prin. axis), i	0.000000	PASS
	Moment (2nd prin. axis), i	0.000000	PASS
	Moment, mag., i	0.000000	PASS
	Moment (1st prin. axis), j	0.000000	PASS
	Moment (2nd prin. axis), j	0.000000	PASS
	Moment, mag., j	0.000000	PASS

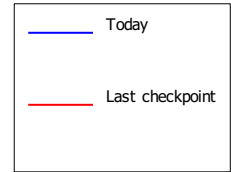
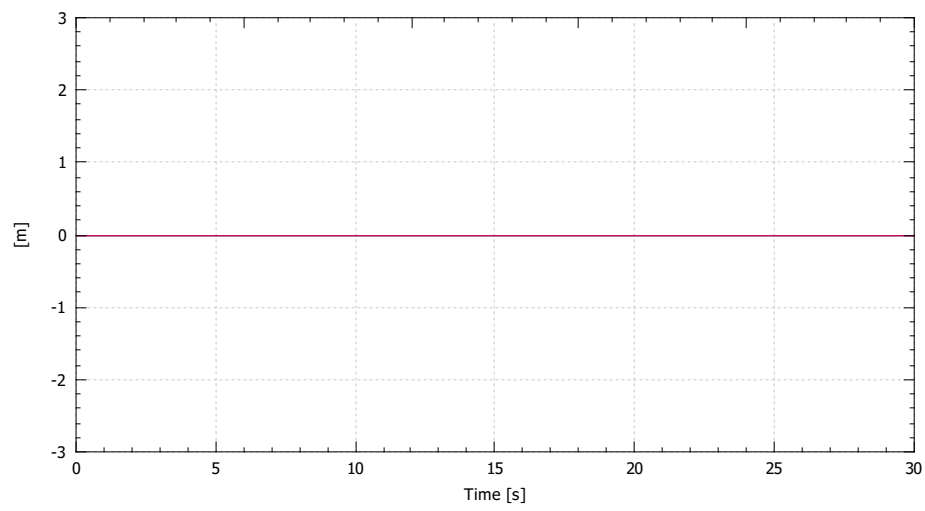
	Max normal stress	0.000000	PASS
	Twist (structural)	0.000000	PASS
	Twist (structural) - rad	0.000000	PASS
	Deformed length	0.000000	PASS
	Elongation	0.000000	PASS
	Strain energy	0.000000	PASS
	Kinetic energy	0.000000	PASS
	Mechanical energy	0.000000	PASS
	Deformational rotation (i)	0.000000	PASS
	Deformational rotation (j)	0.000000	PASS
	Deformational rotation (axial)	0.000000	PASS
	Deformational rotation (1st prin.)	0.000000	PASS
	Deformational rotation (2nd prin.)	0.000000	PASS
	Deformational rotation (i) - rad	0.000000	PASS
	Deformational rotation (j) - rad	0.000000	PASS
	Deformational rotation (axial) - rad	0.000000	PASS
	Deformational rotation (1st prin.) - rad	0.000000	PASS
	Deformational rotation (2nd prin.) - rad	0.000000	PASS
	Damping force, i	0.000000	PASS
	Damping moment, i	0.000000	PASS
	Damping force, sum	0.000000	PASS
	Damping moment, sum	0.000000	PASS

Load case: Load case 1

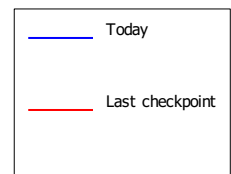
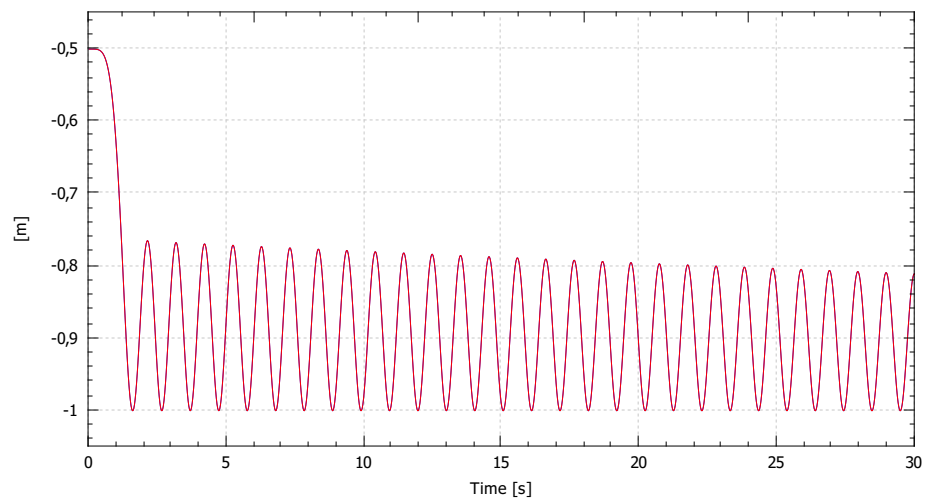
Node [Node 2 | Pendulum]



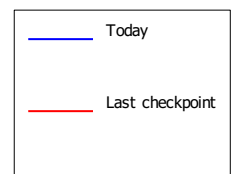
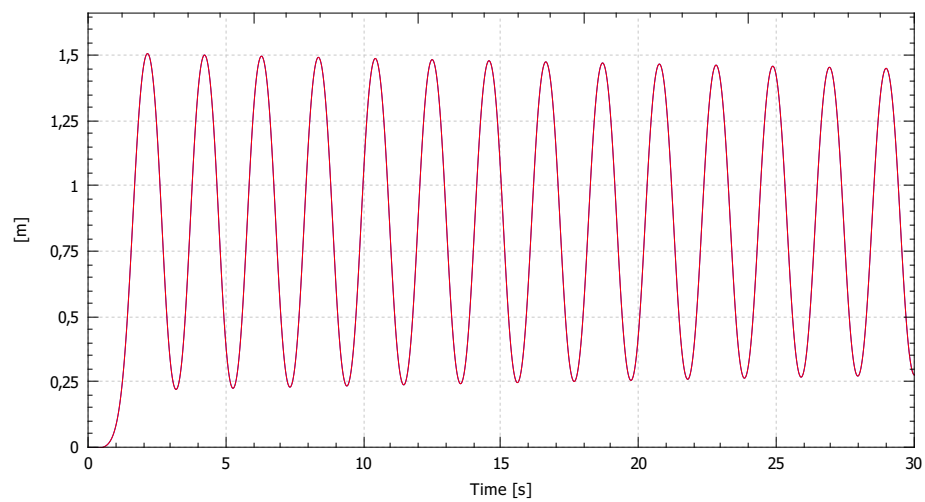
Position (y)



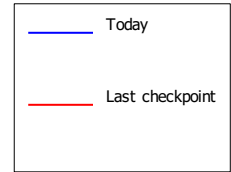
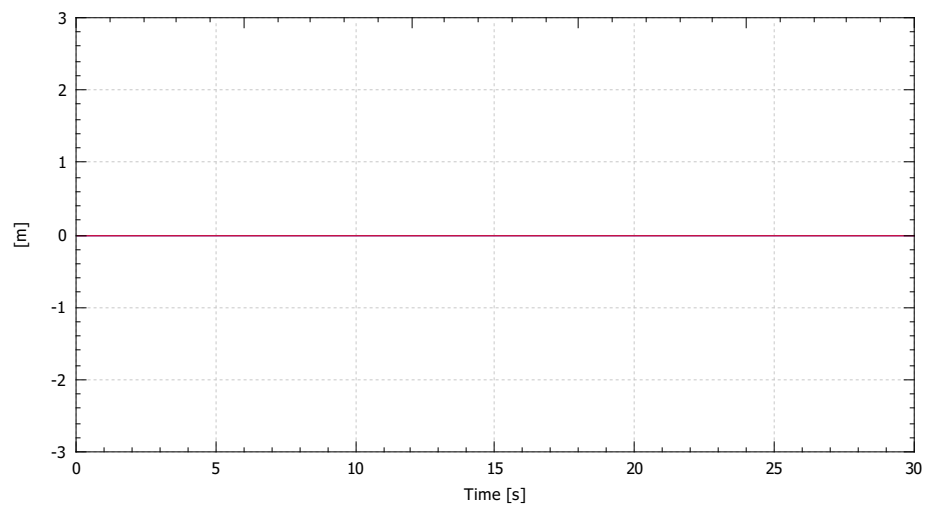
Position (z)



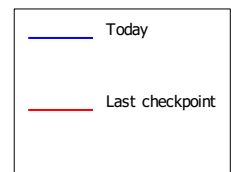
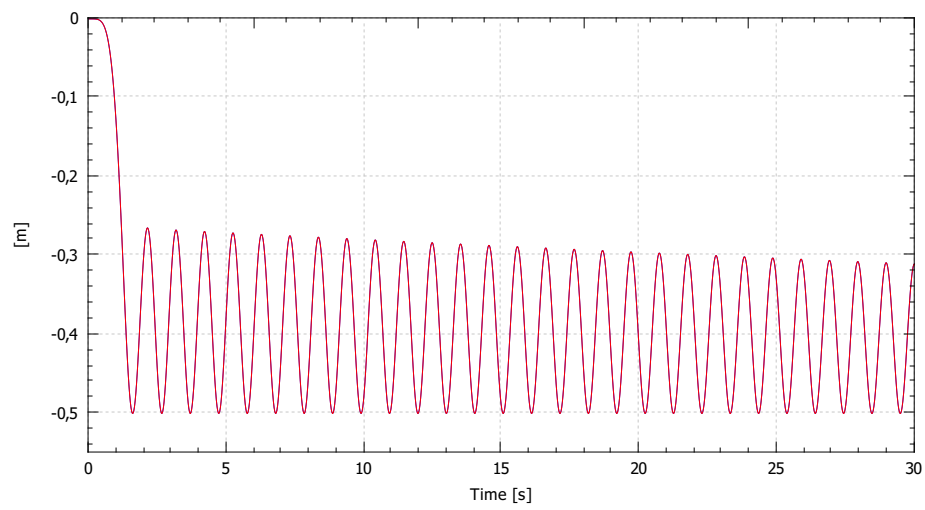
Displacement (u)



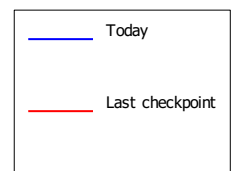
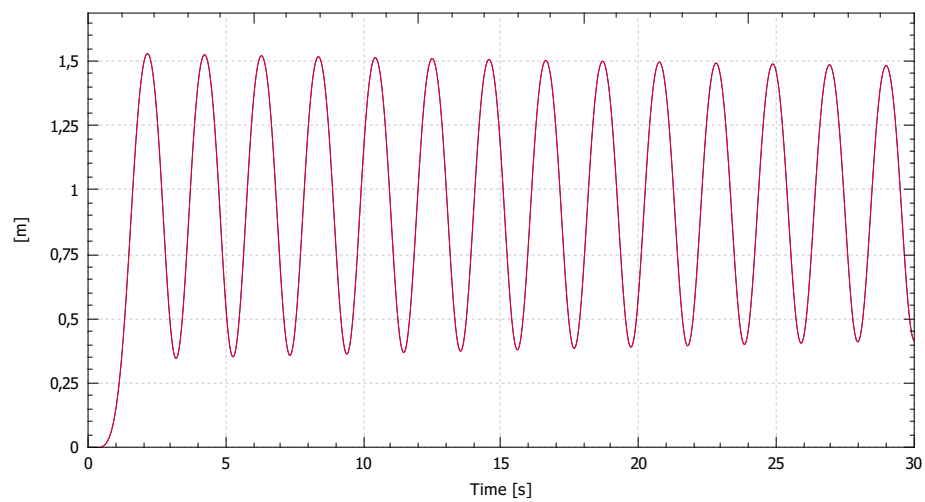
Displacement (v)

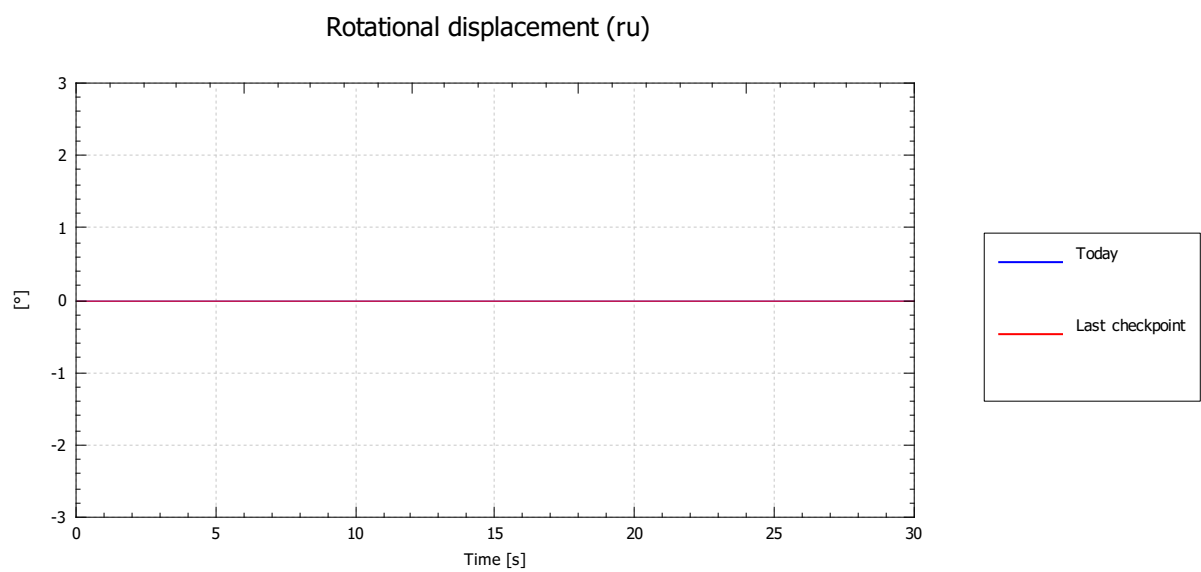
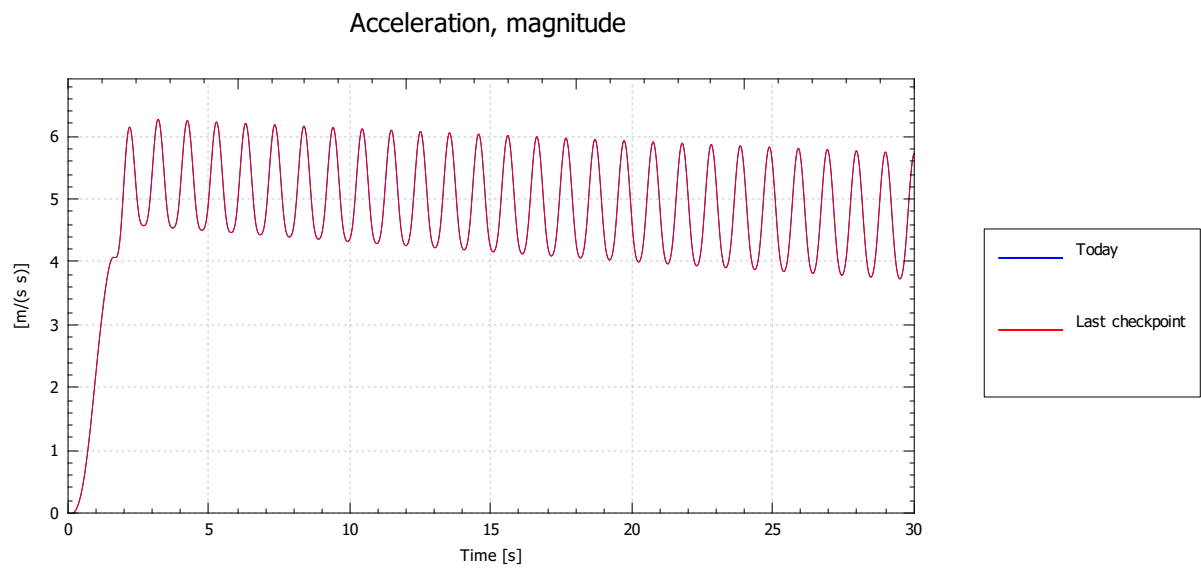
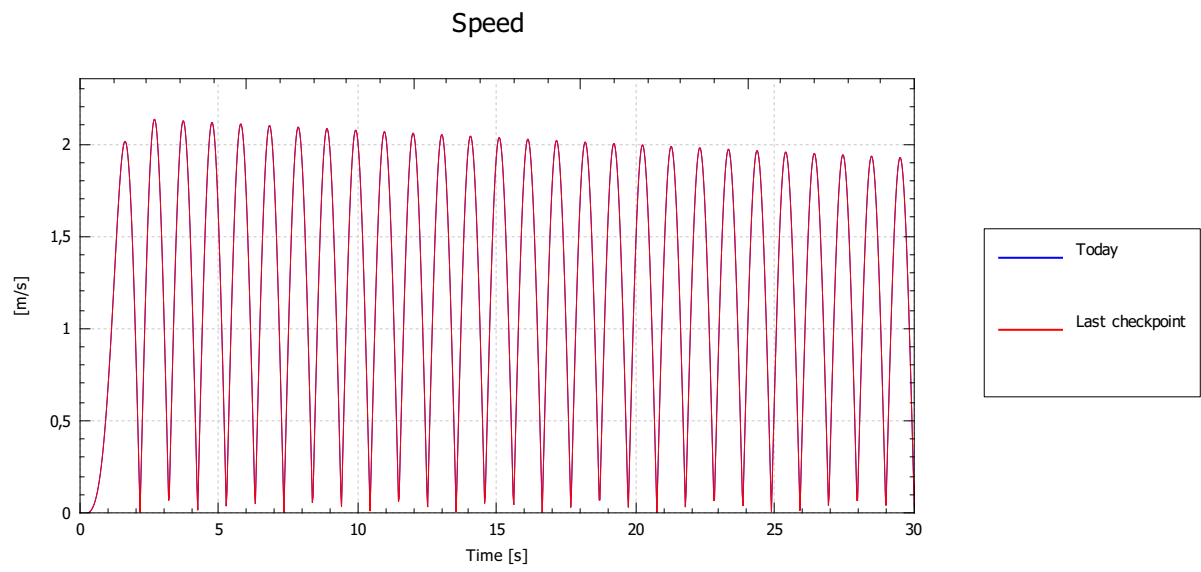


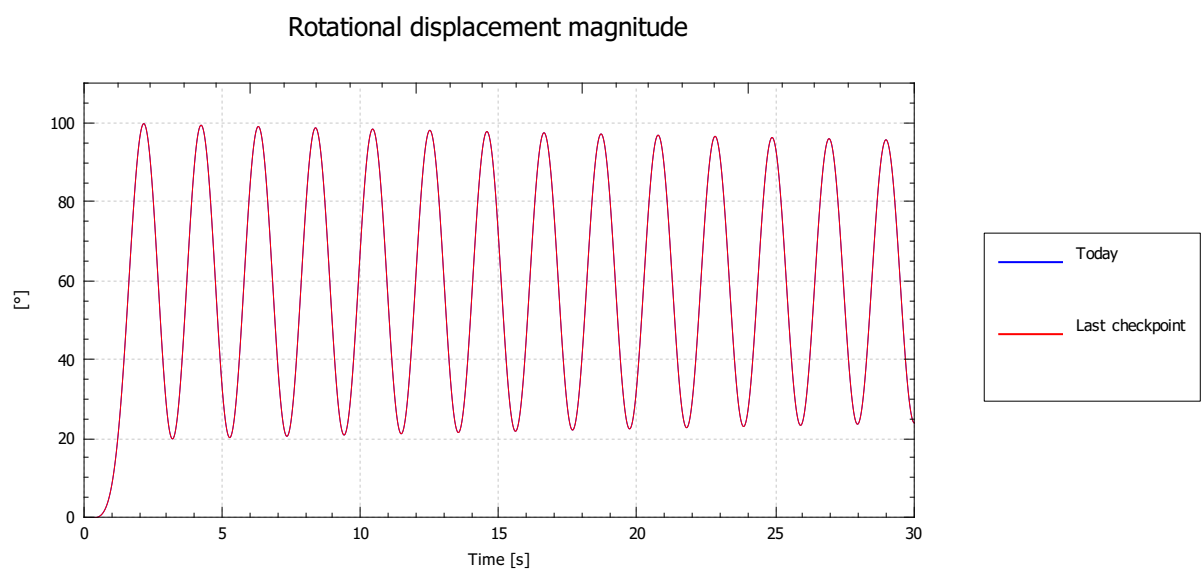
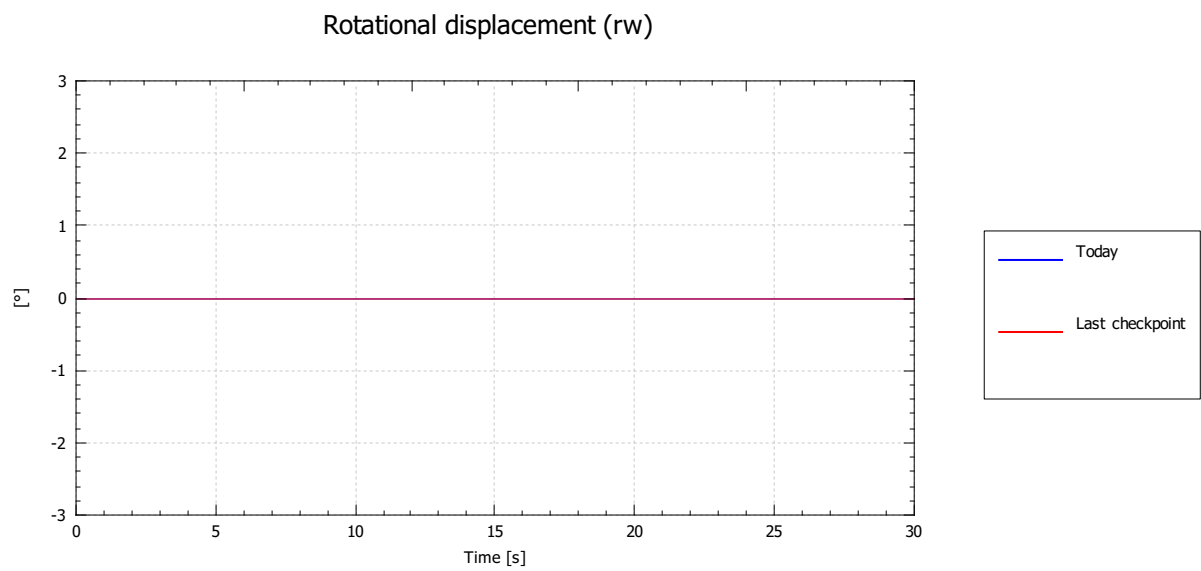
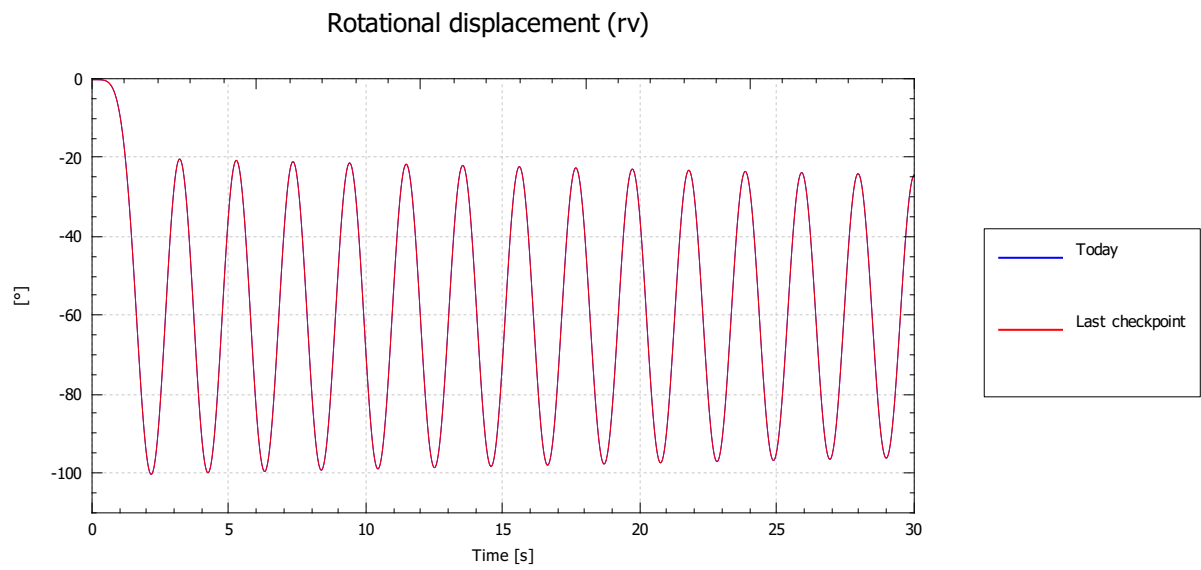
Displacement (w)



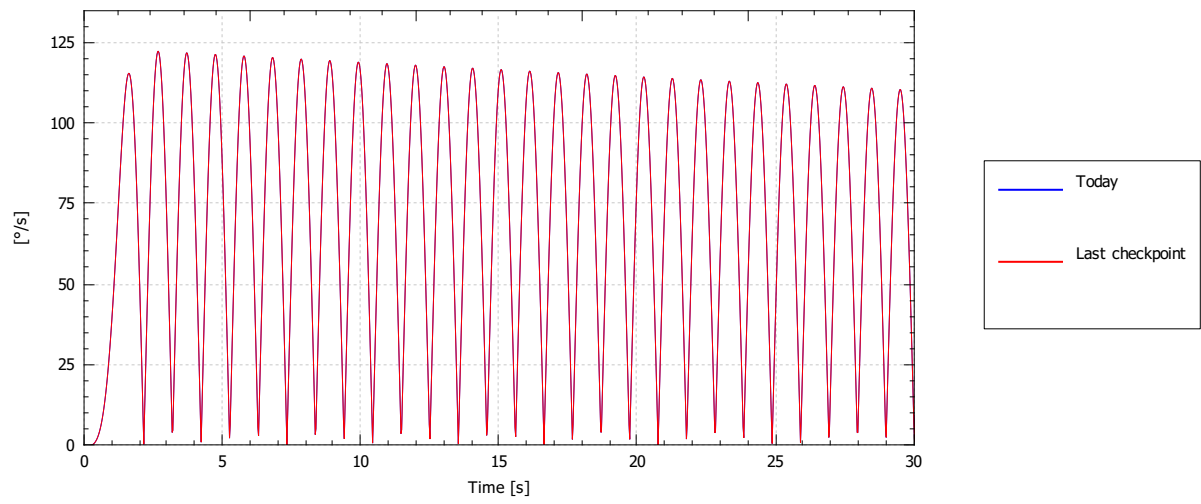
Displacement magnitude



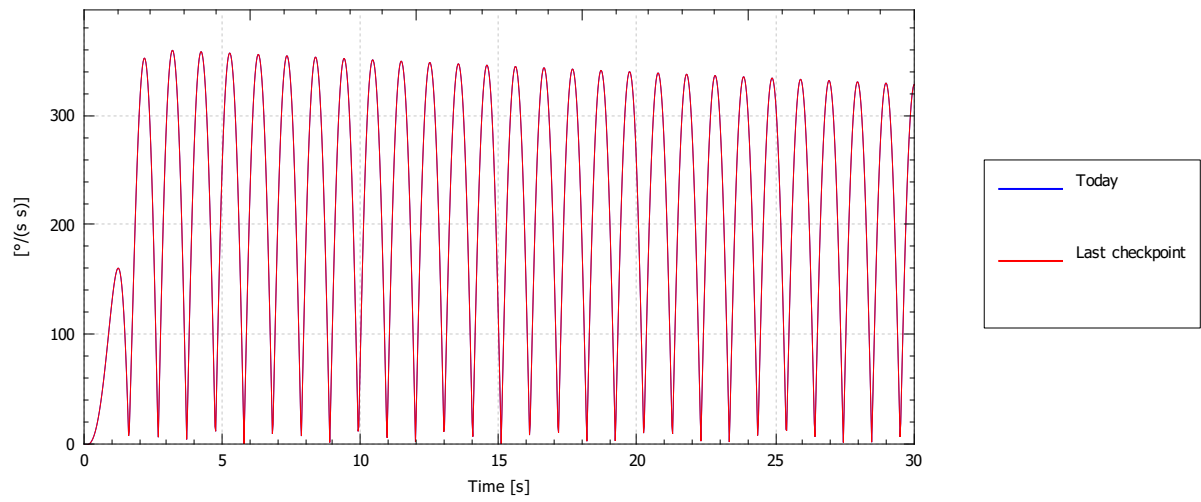




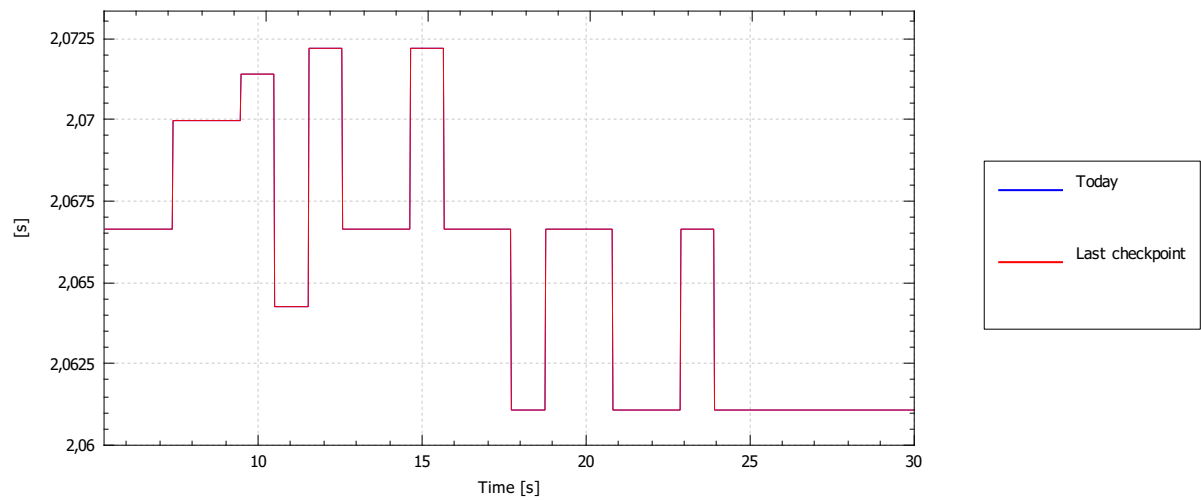
Rotational speed



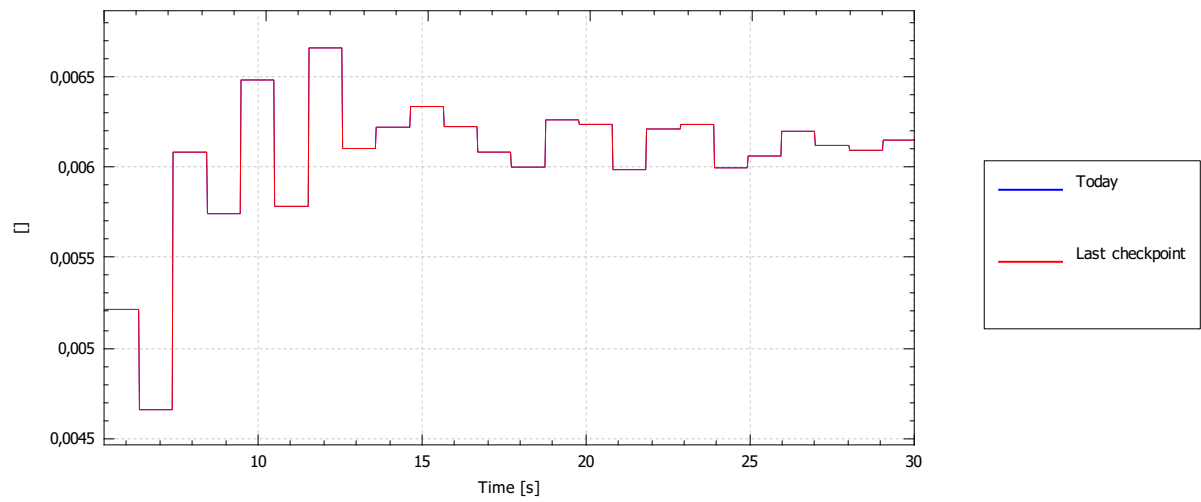
Rotational acceleration mag



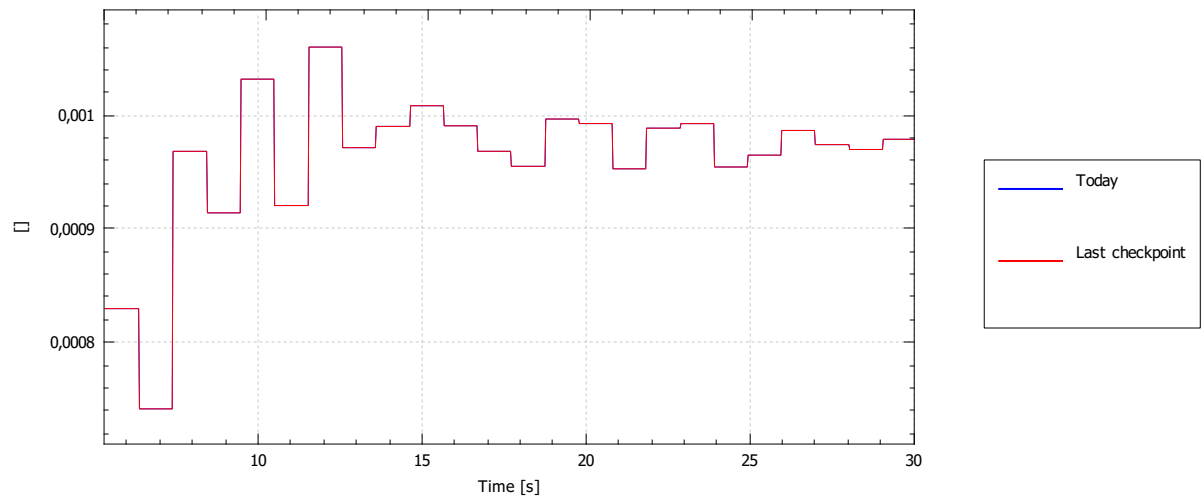
Displacement period



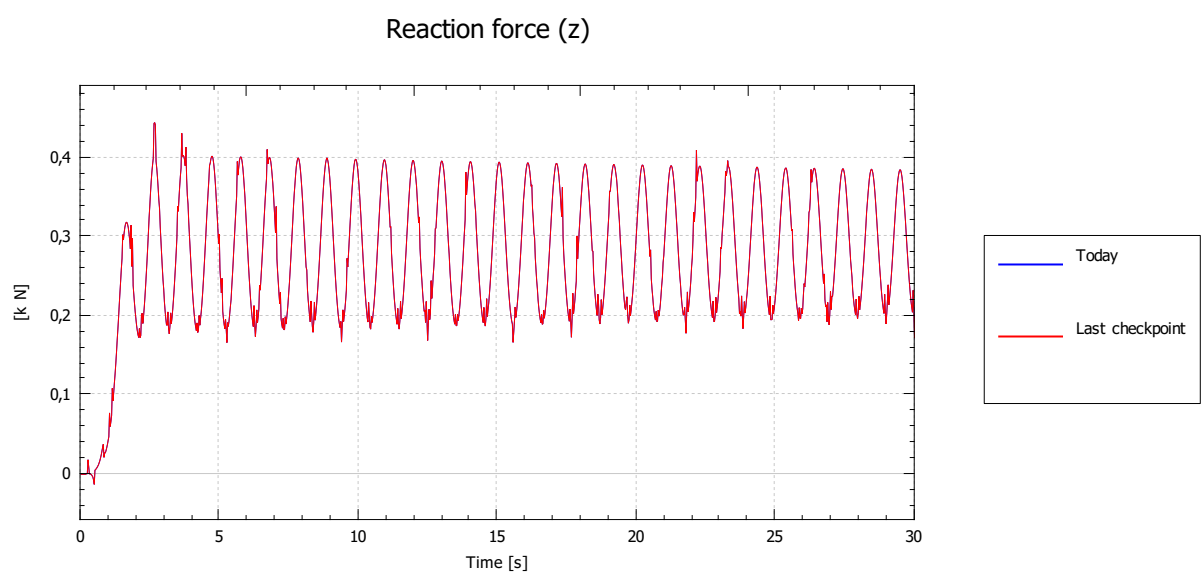
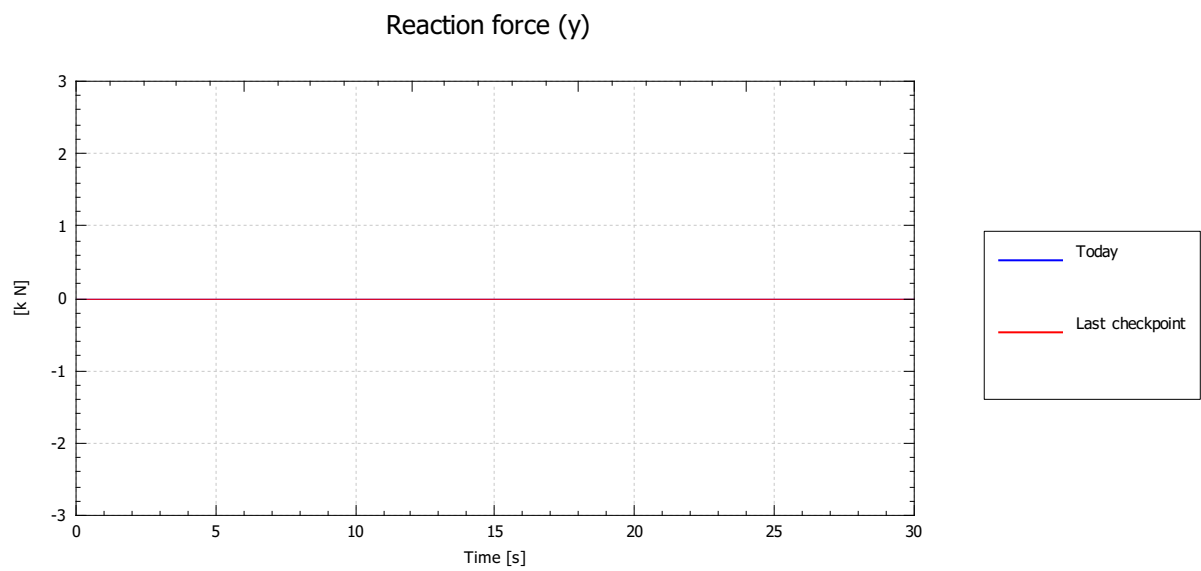
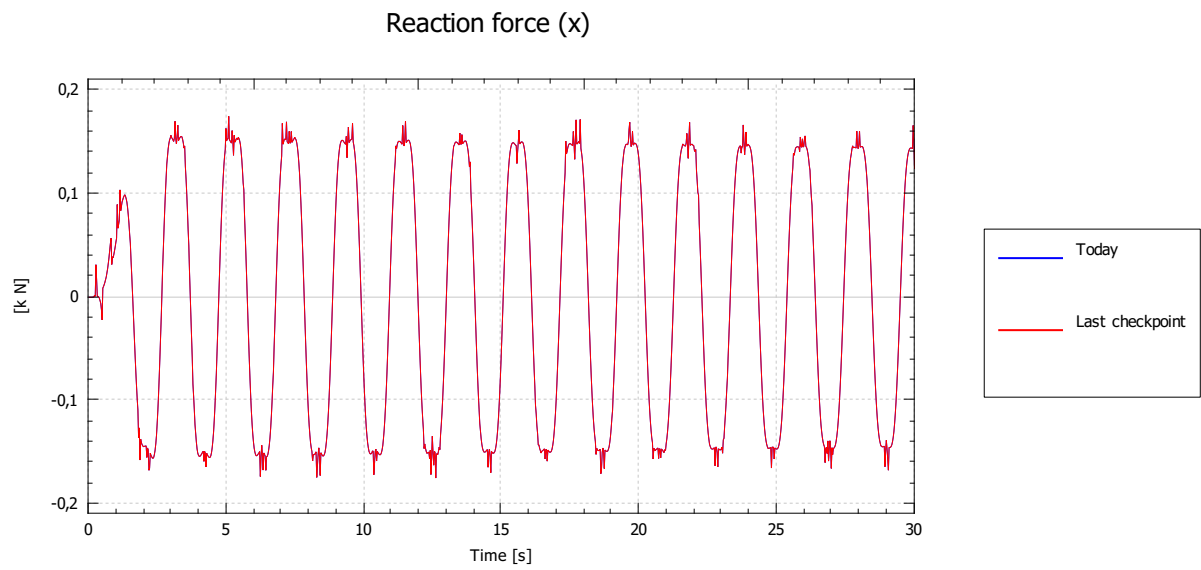
Displacement logarithmic decrement



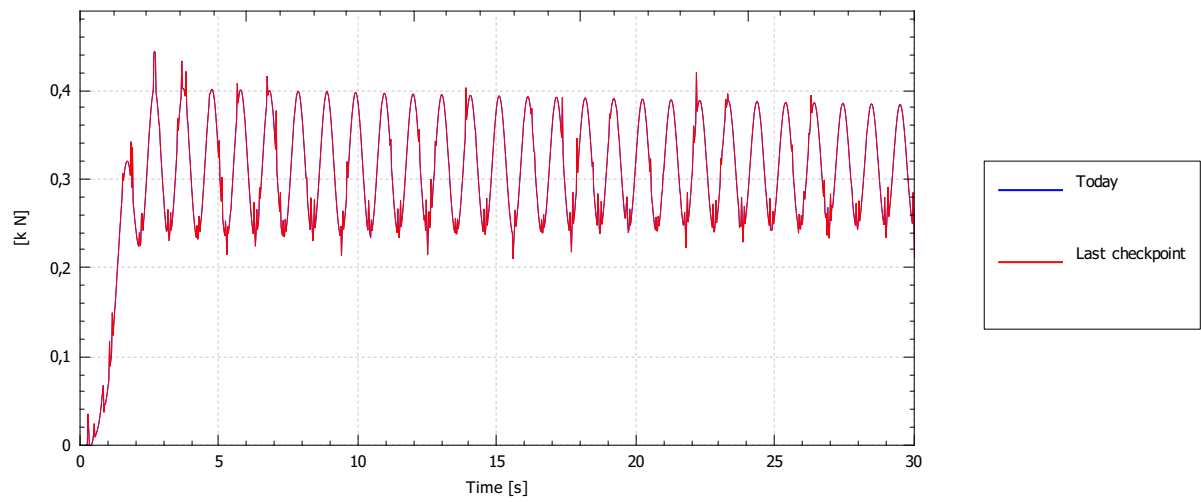
Displacement damping ratio



Support [Support 1 | Pendulum]

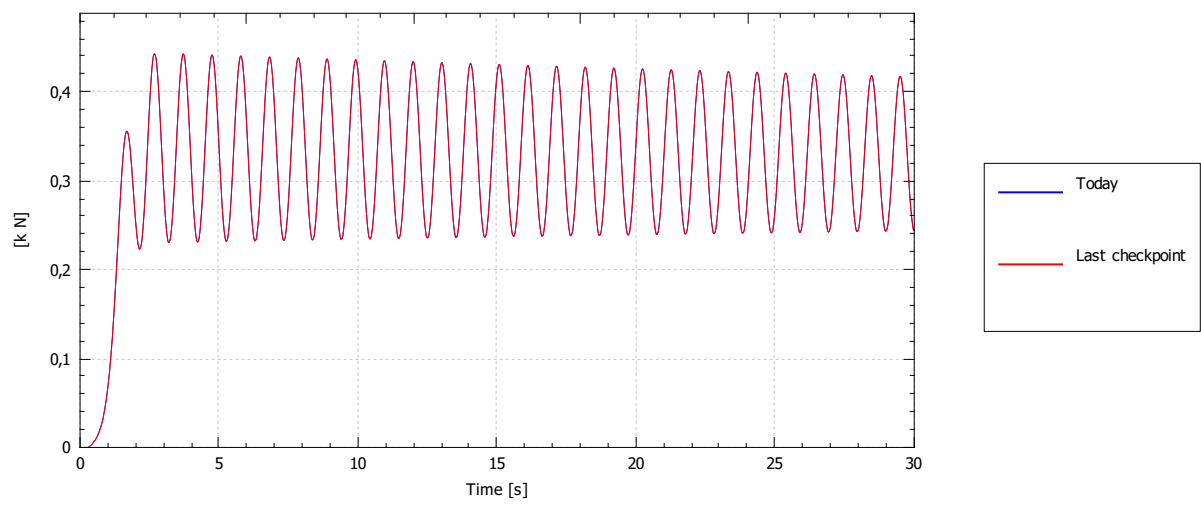


Reaction force (mag.)

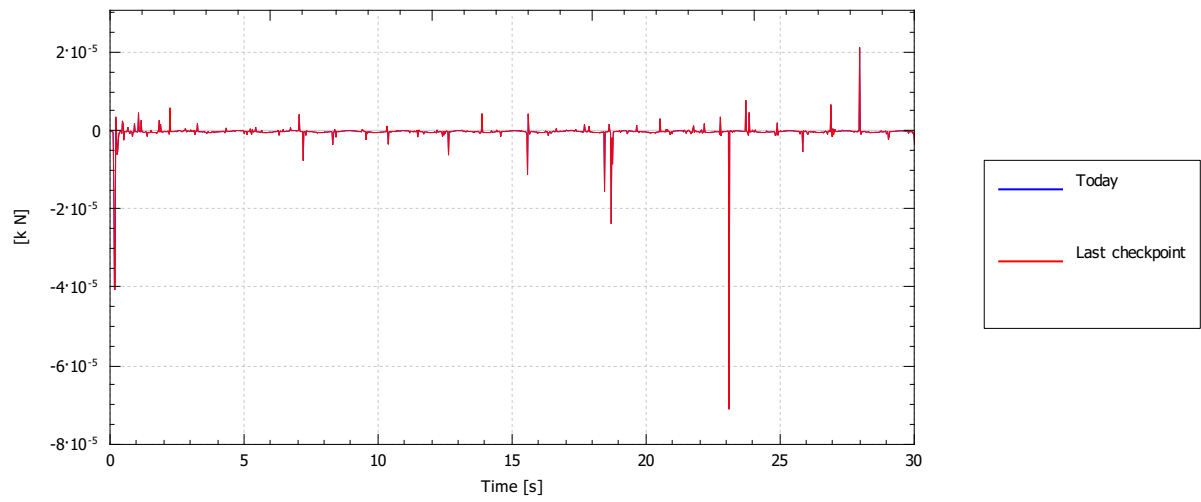


Beam element [Element 1 | Pendulum]

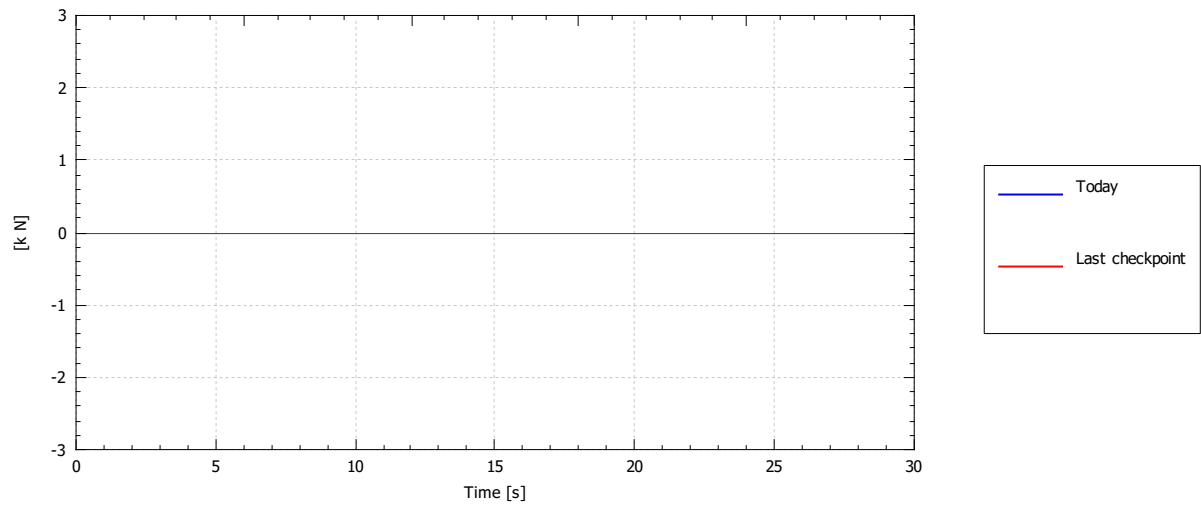
Axial force



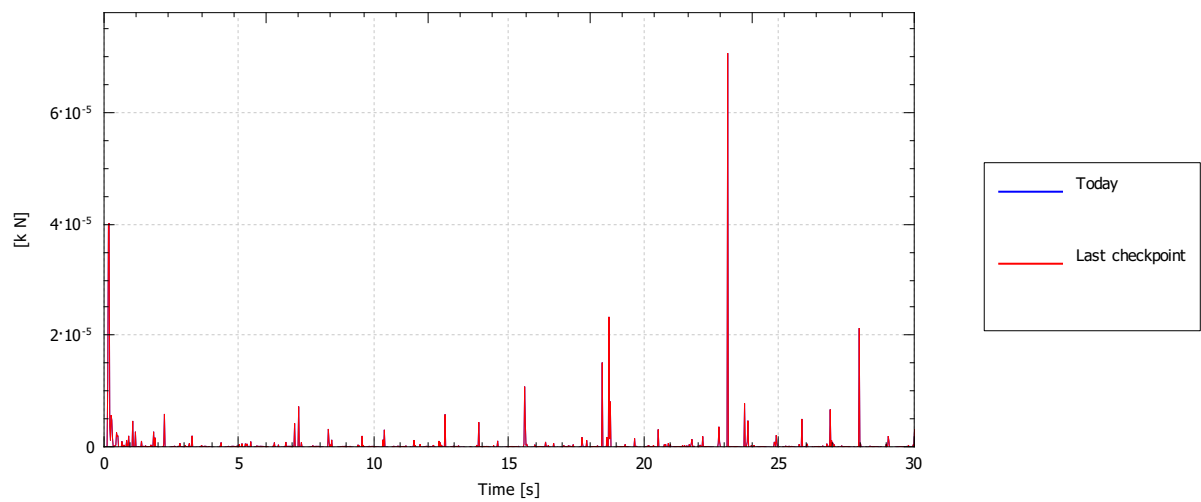
Shear force (1st prin. axis)



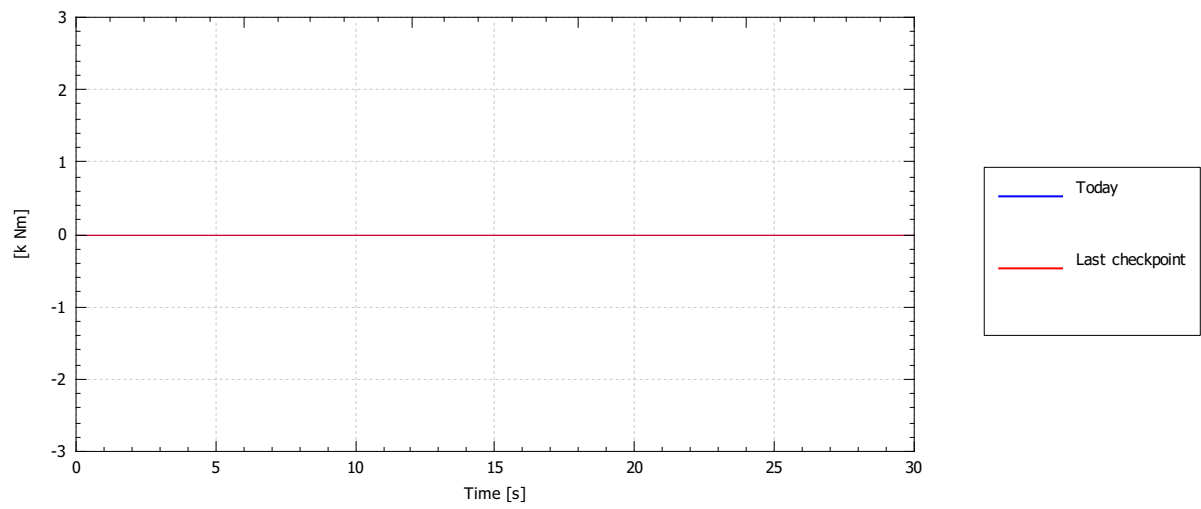
Shear force (2nd prin. axis)



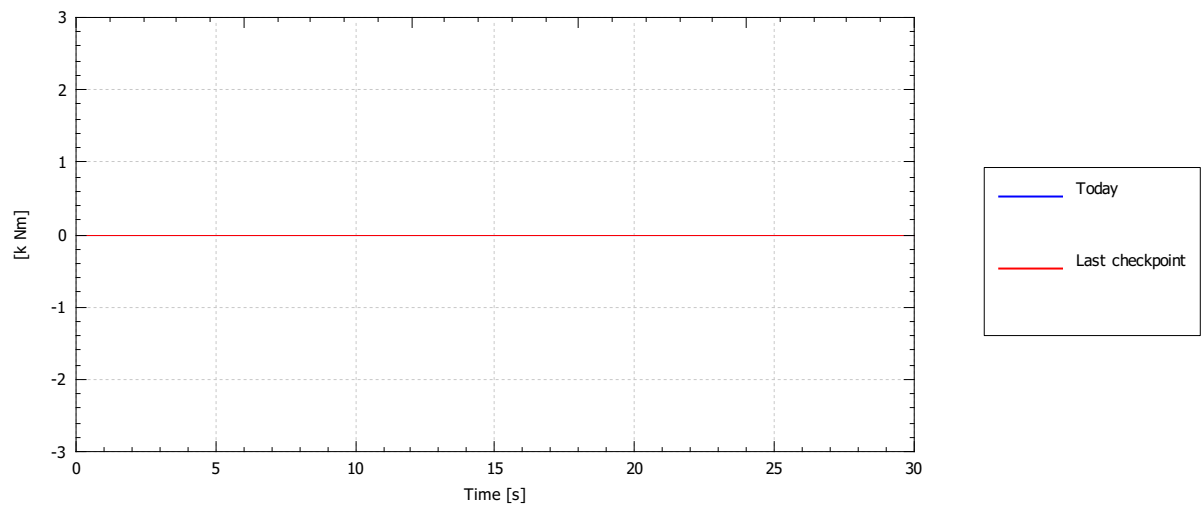
Shear force, mag.



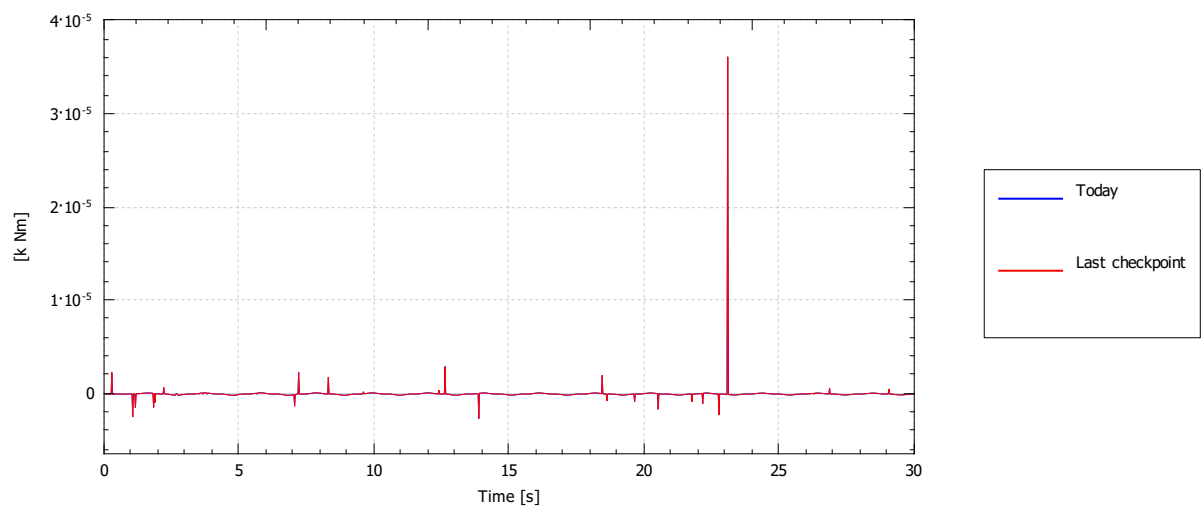
Torque

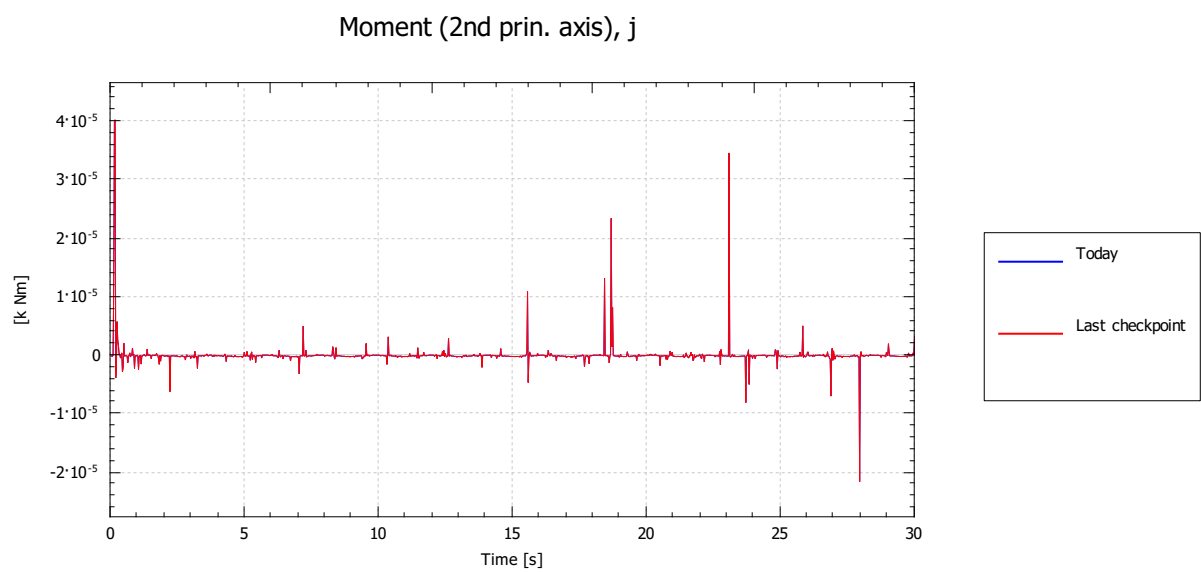
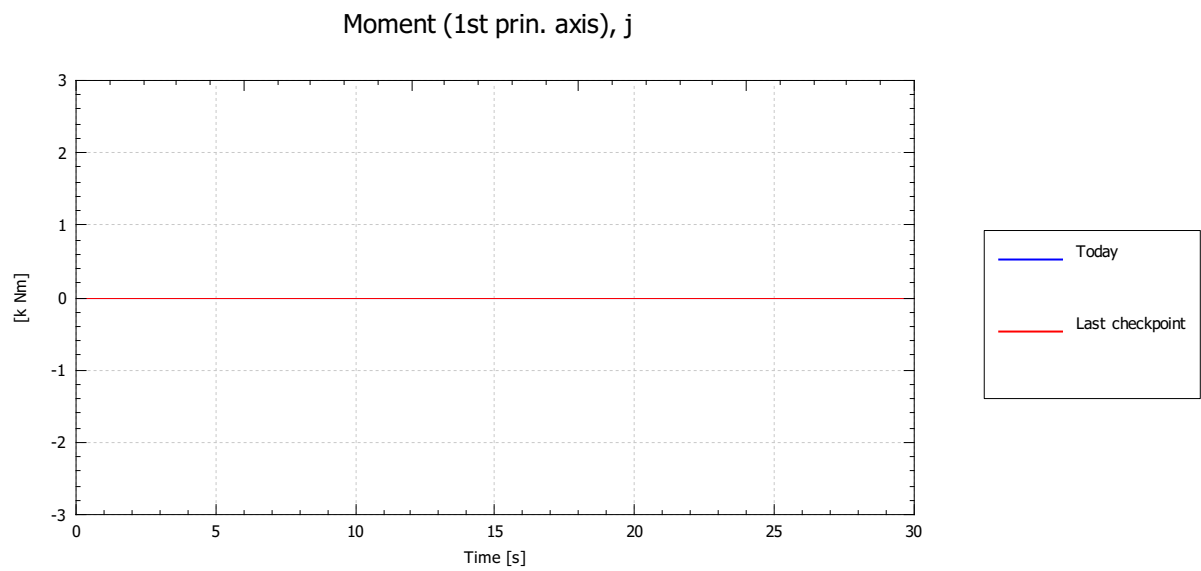
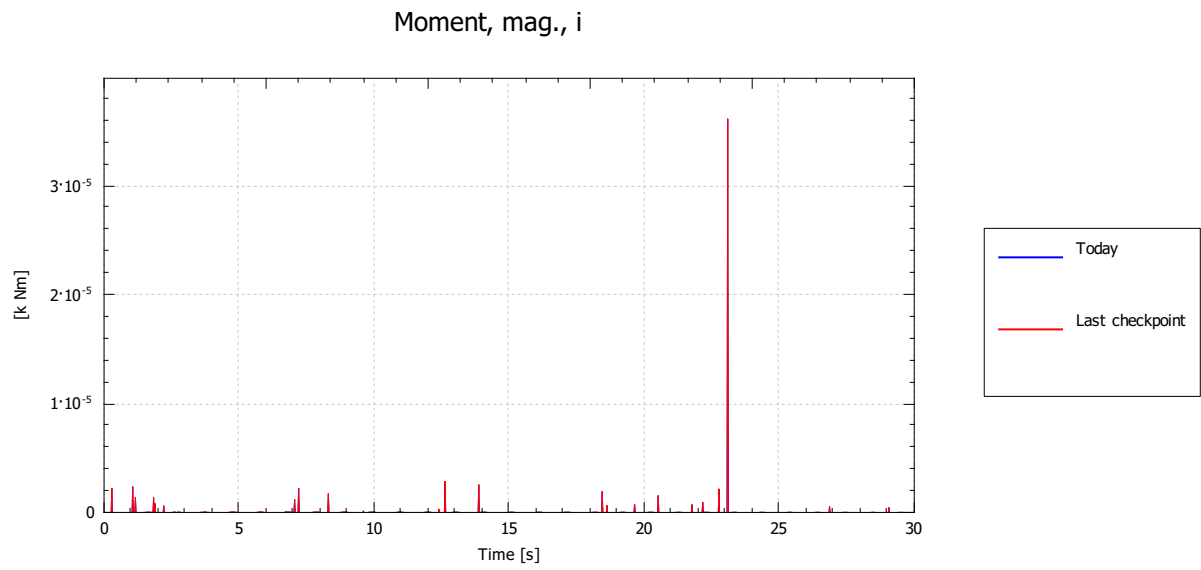


Moment (1st prin. axis), i

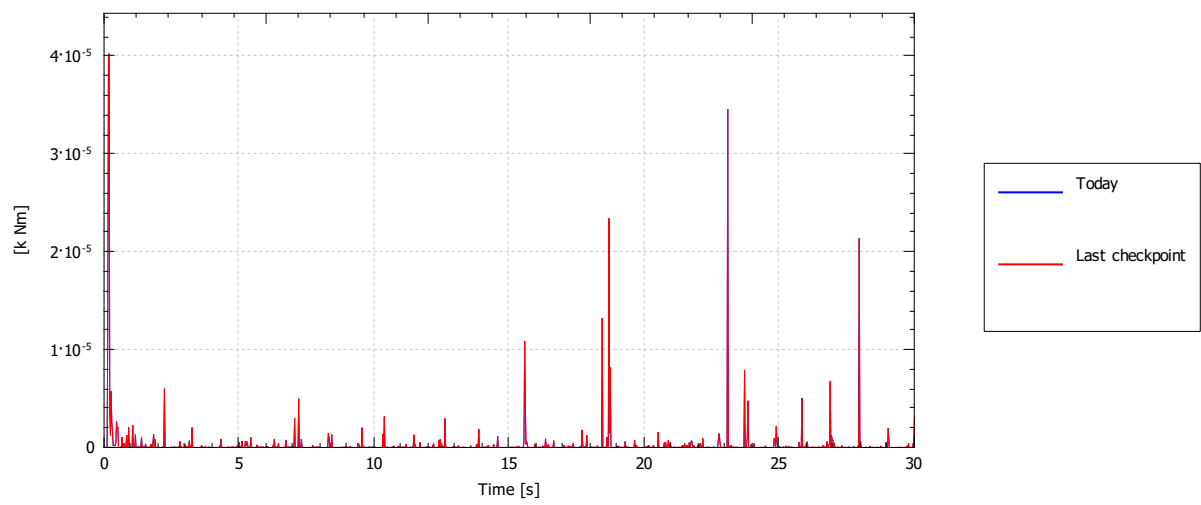


Moment (2nd prin. axis), i

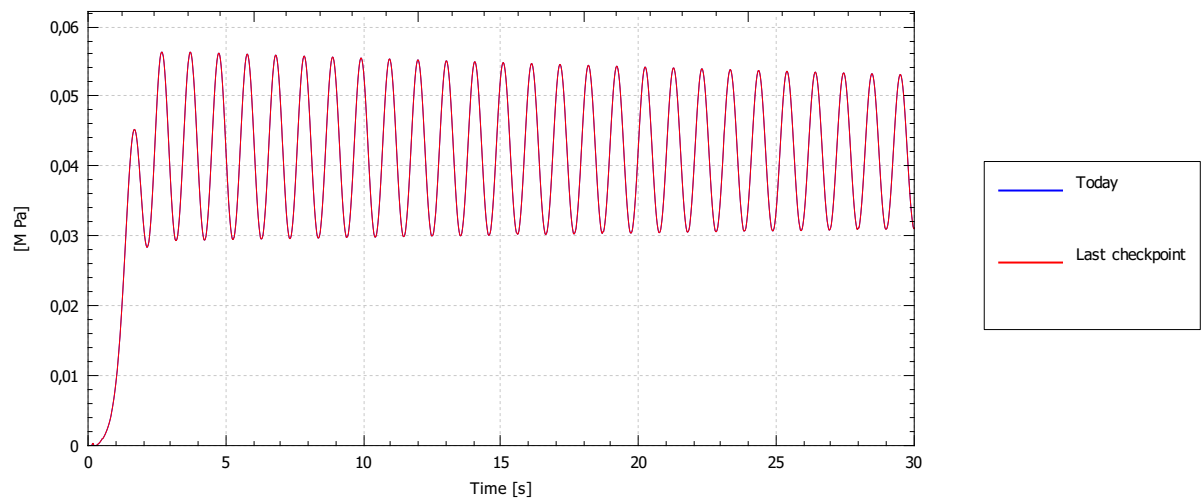




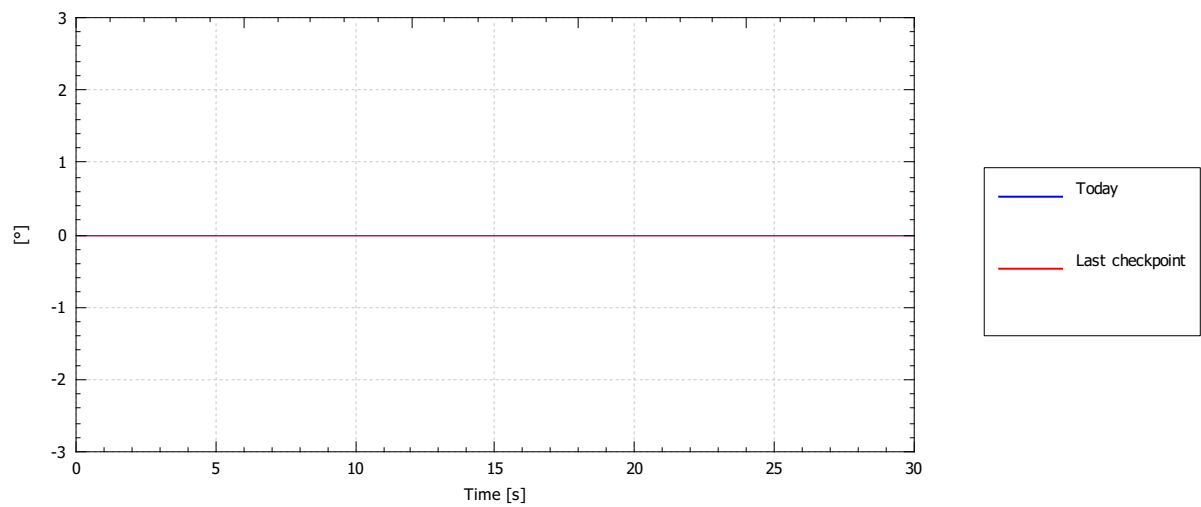
Moment, mag., j



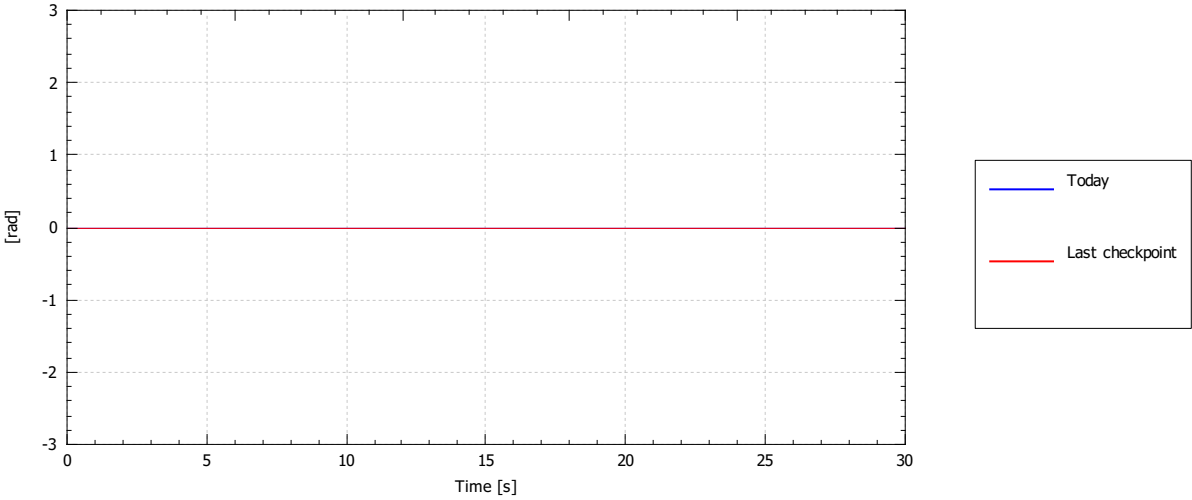
Max normal stress



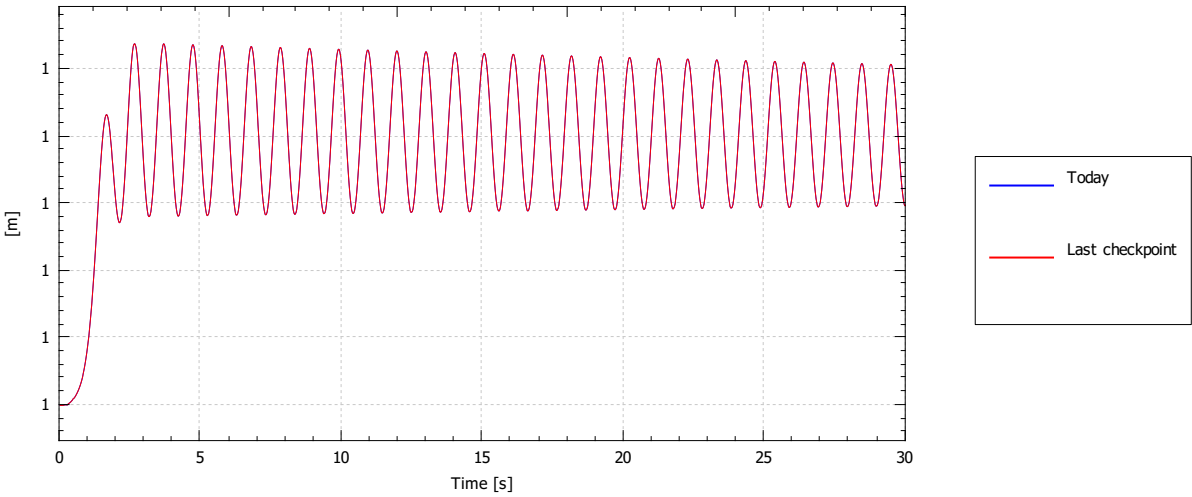
Twist (structural)



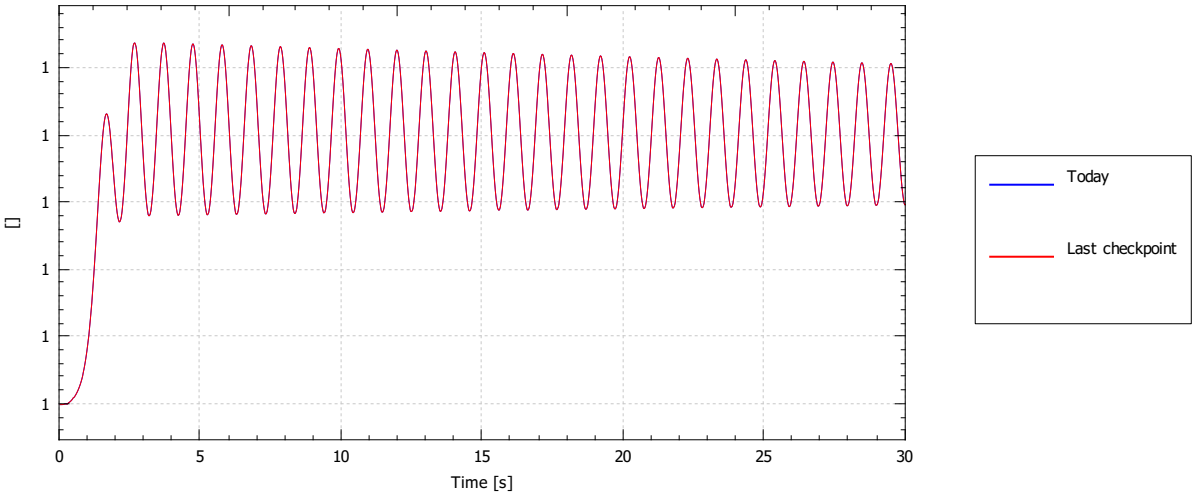
Twist (structural) - rad



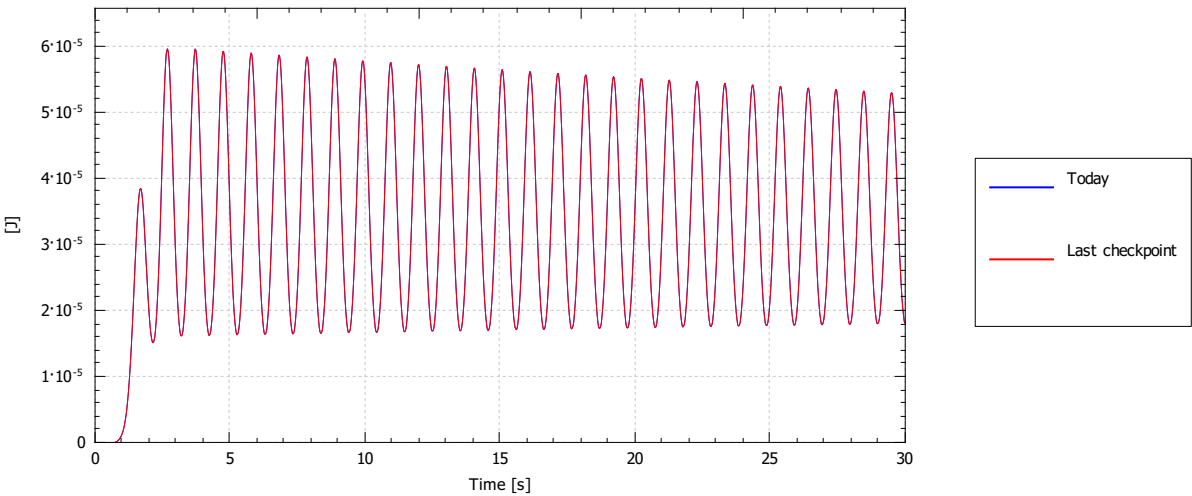
Deformed length



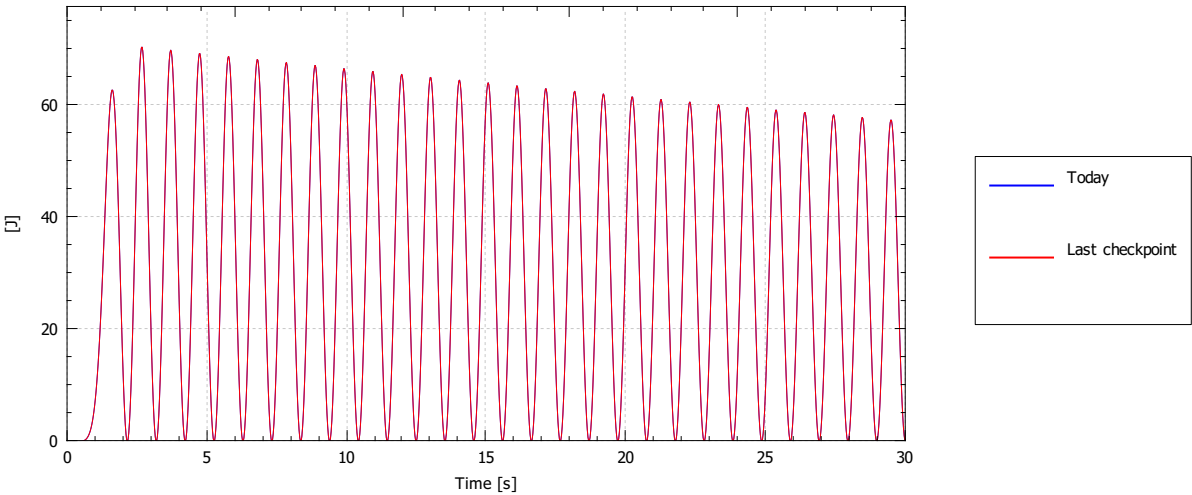
Elongation



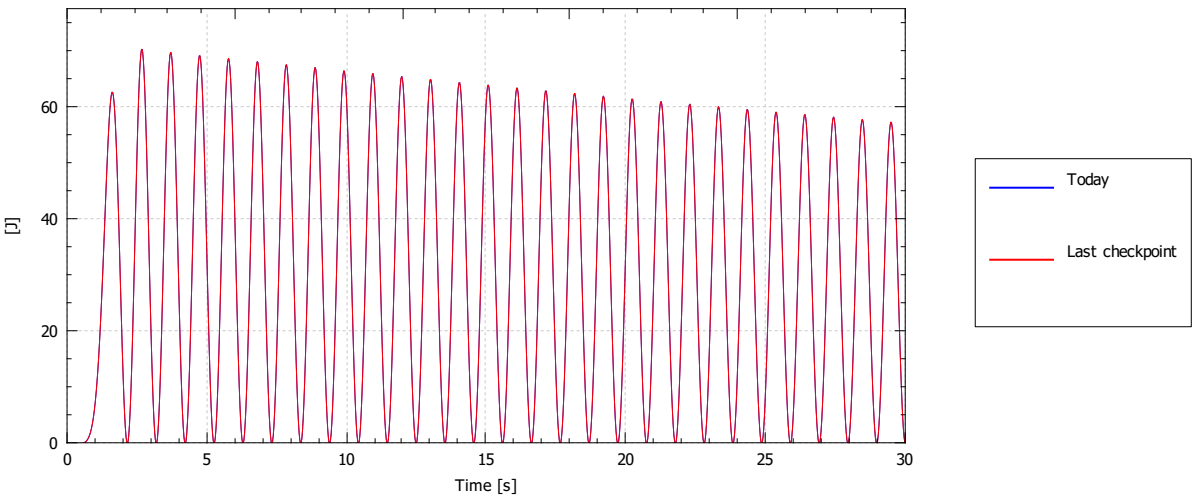
Strain energy



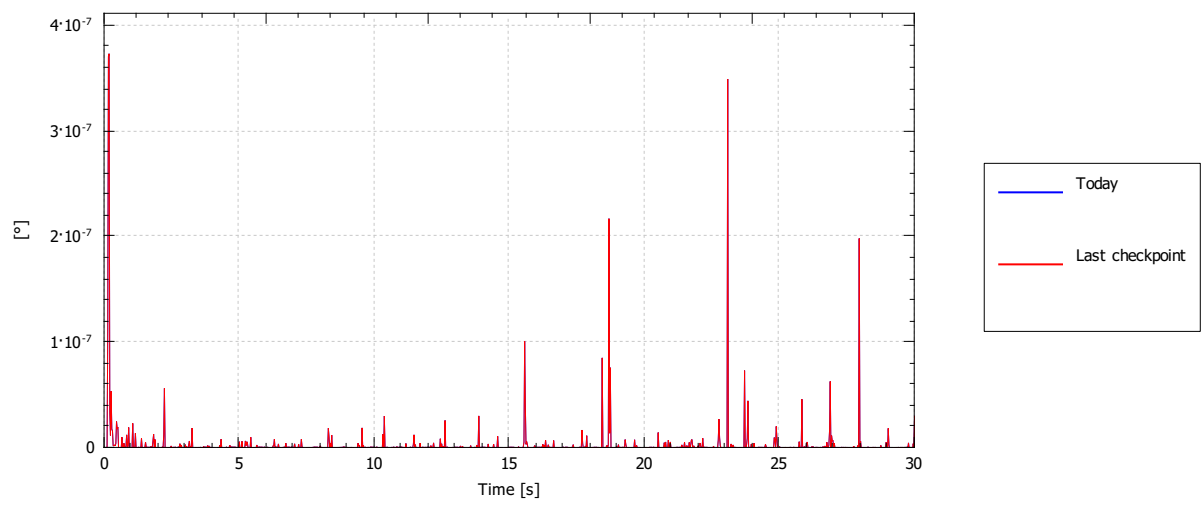
Kinetic energy



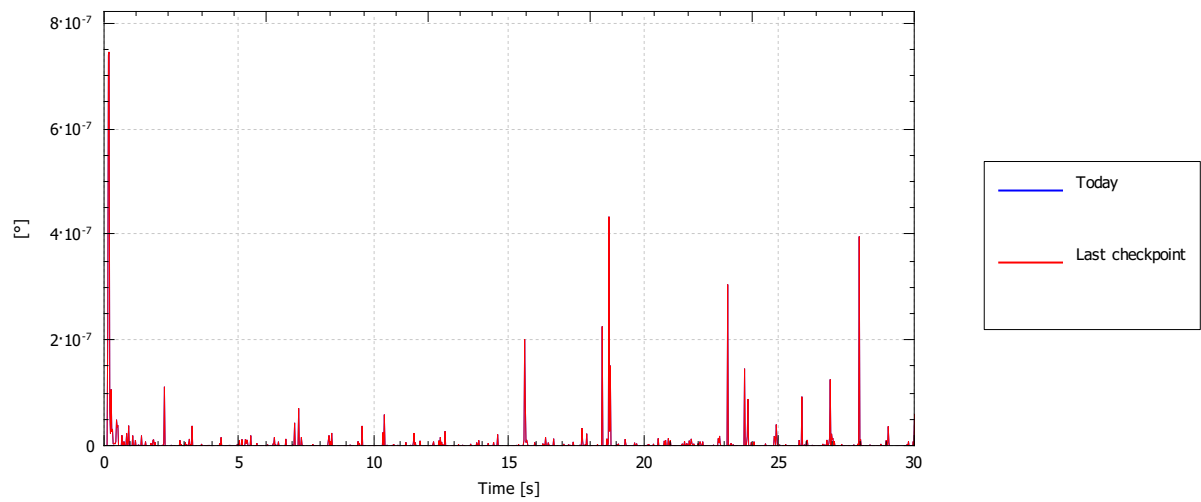
Mechanical energy



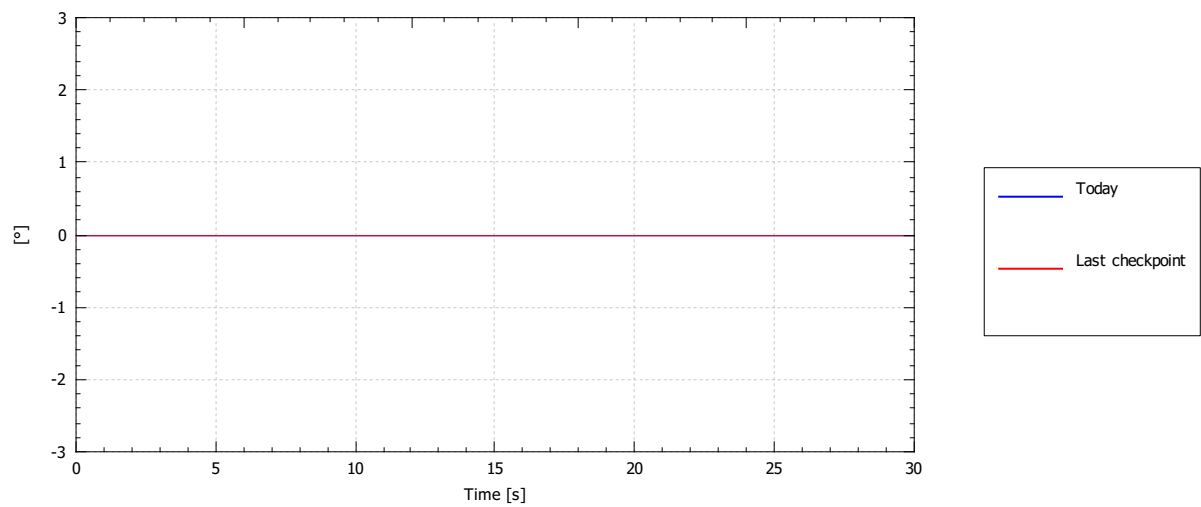
Deformational rotation (i)



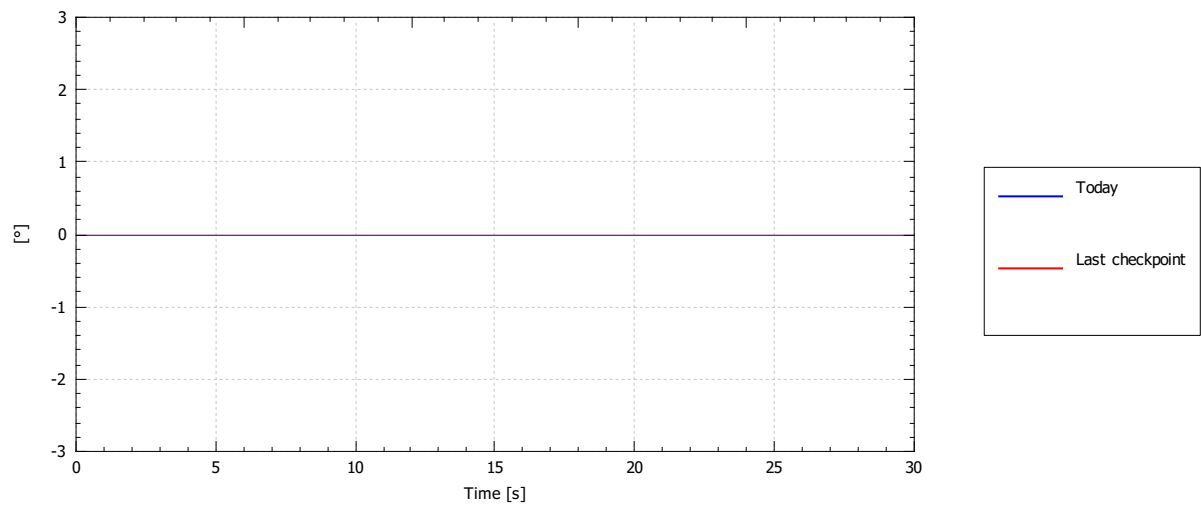
Deformational rotation (j)



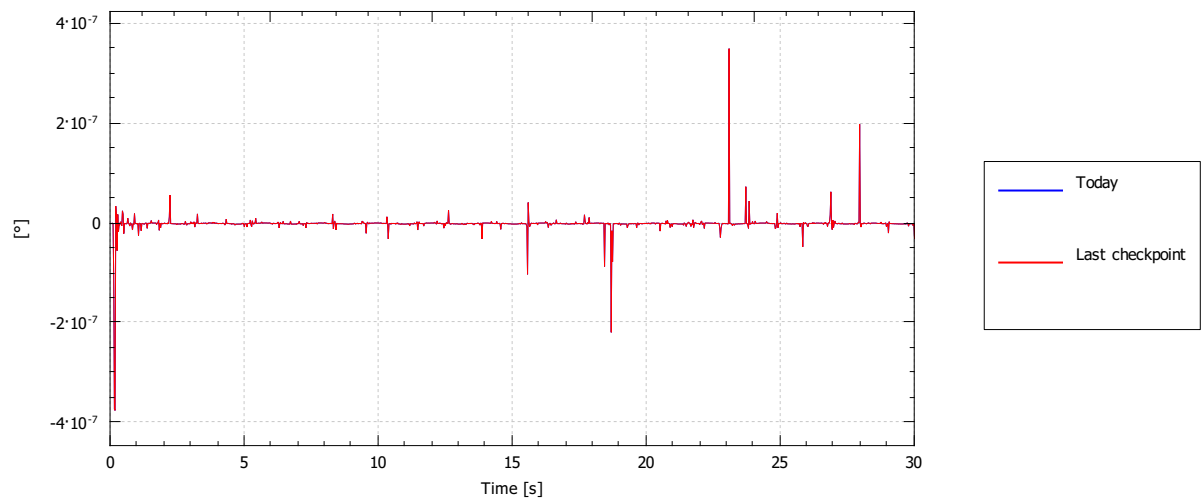
Deformational rotation (axial)



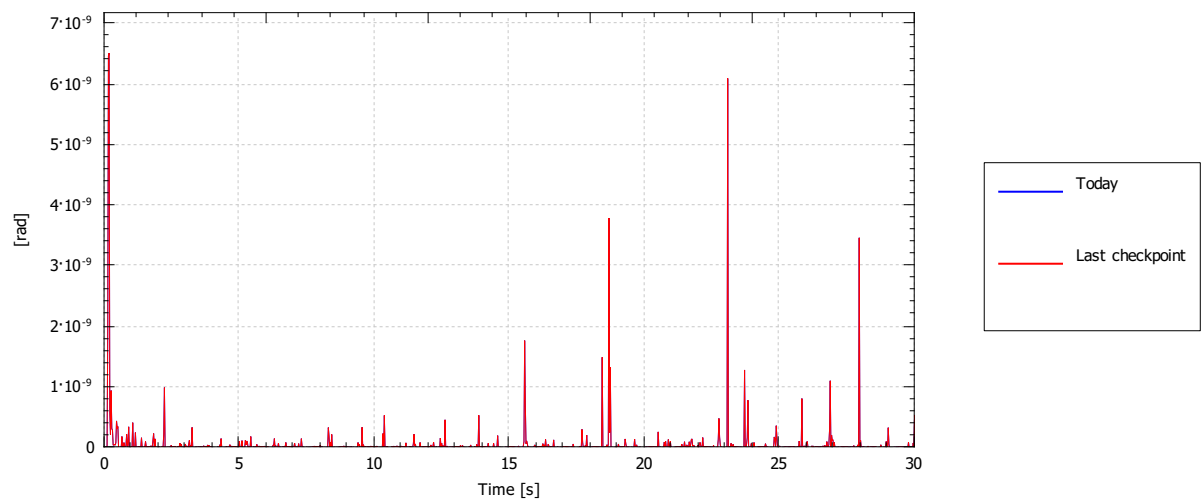
Deformational rotation (1st prin.)



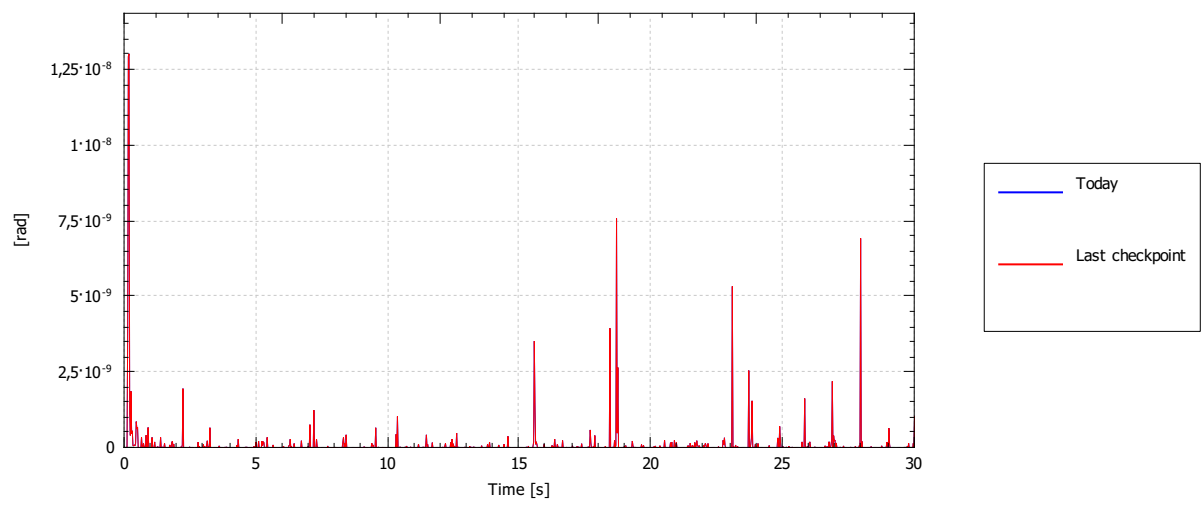
Deformational rotation (2nd prin.)



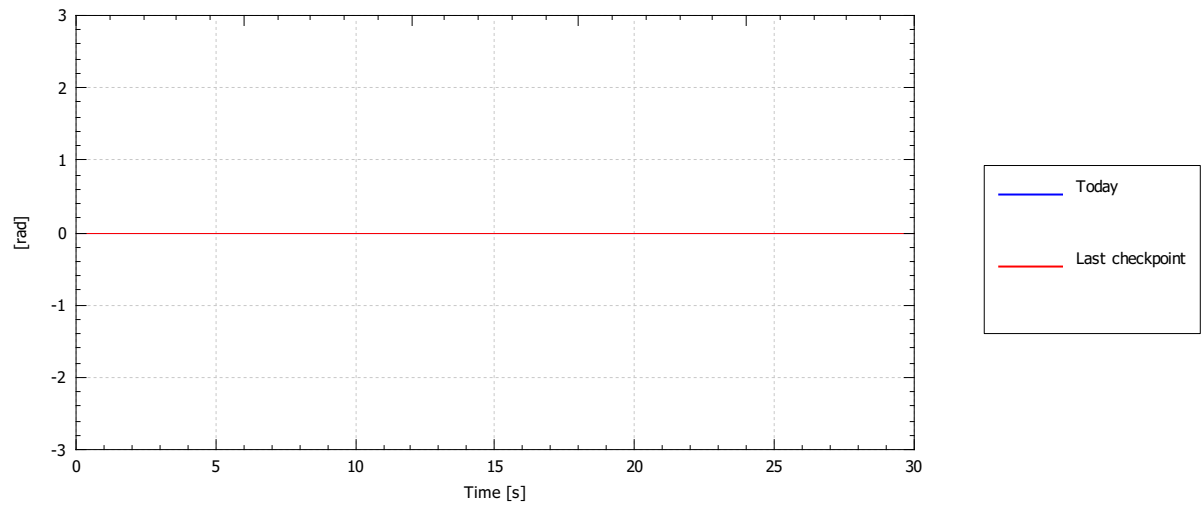
Deformational rotation (i) - rad



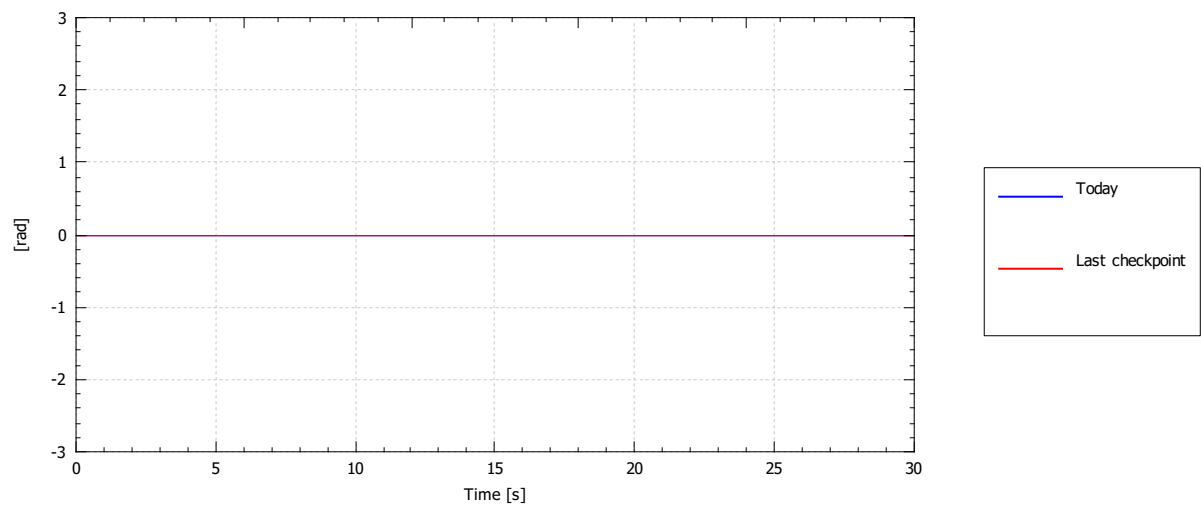
Deformational rotation (j) - rad



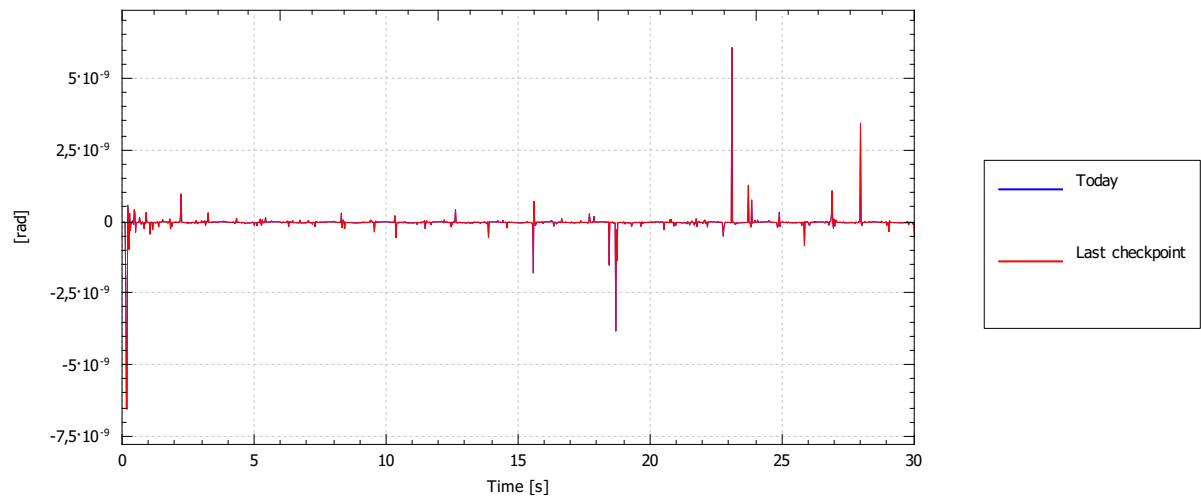
Deformational rotation (axial) - rad



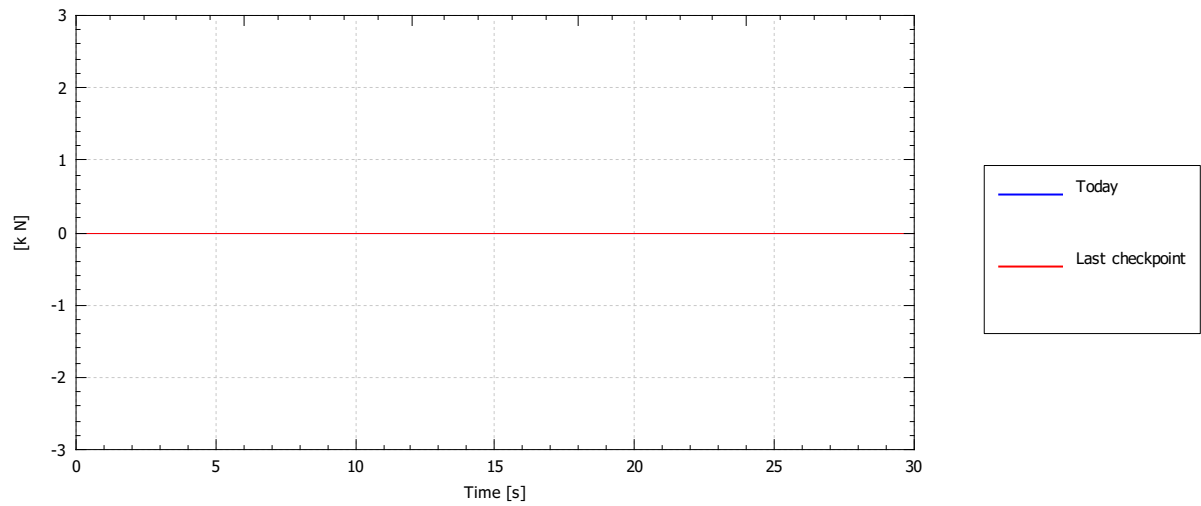
Deformational rotation (1st prin.) - rad



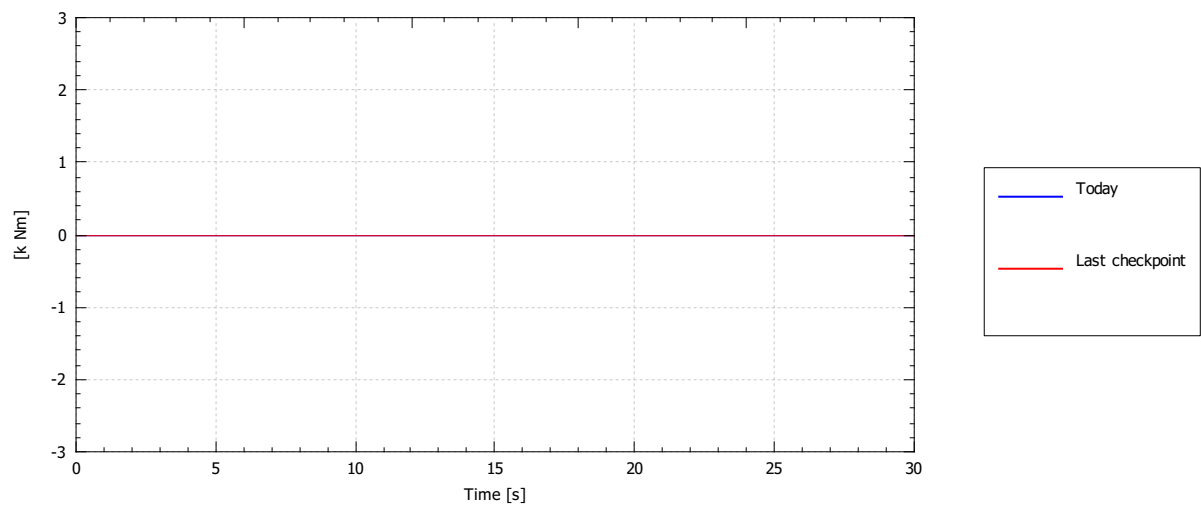
Deformational rotation (2nd prin.) - rad



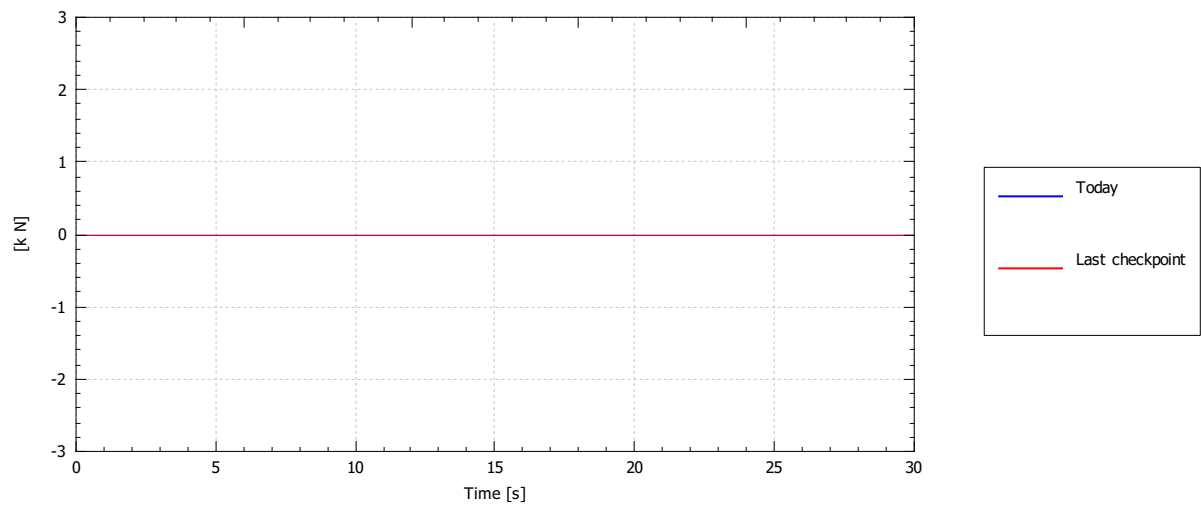
Damping force, i



Damping moment, i



Damping force, sum



Damping moment, sum

