

## Phase #0

 $\boldsymbol{Model}: \underline{KINOVA\_arm\_reverse.bioMod}$ 

**Phase duration**: 0.5 s **Shooting nodes**: 30 **Dynamics**: CUSTOM

**ODE**: RK4

**Control type:** CONSTANT

## **Parameters** No parameter set

<u>**Lagrange**</u> (MINIMIZE CONTROL)<sup>2</sup>

Weight: 1key: tau **Index in list**: 0

(MINIMIZE STATE)<sup>2</sup>

Weight: 1key: q Index in list: 1

(MINIMIZE STATE)<sup>2</sup>

Weight: 1**key**: qdot Index in list: 2

<u>Mayer</u> No Mayer set

## <u>Constraints</u> SUPERIMPOSE\_MARKERS

Min bound: 0 Max bound: 0 first\_marker: mg1 **second marker**: md0 **Index** in list: 0 **Shooting nodes index**: 0

SUPERIMPOSE MARKERS

**Min bound**: 0 Max bound: 0 **first\_marker**: mg2 second marker: md0 Index in list: 1

**Shooting nodes index**: 30

SUPERIMPOSE\_MARKERS

Min bound: 0 Max bound: 0

**first marker**: grd contact1 second marker: Contact\_mk1
Index in list: 2

**Shooting nodes index**: 0