

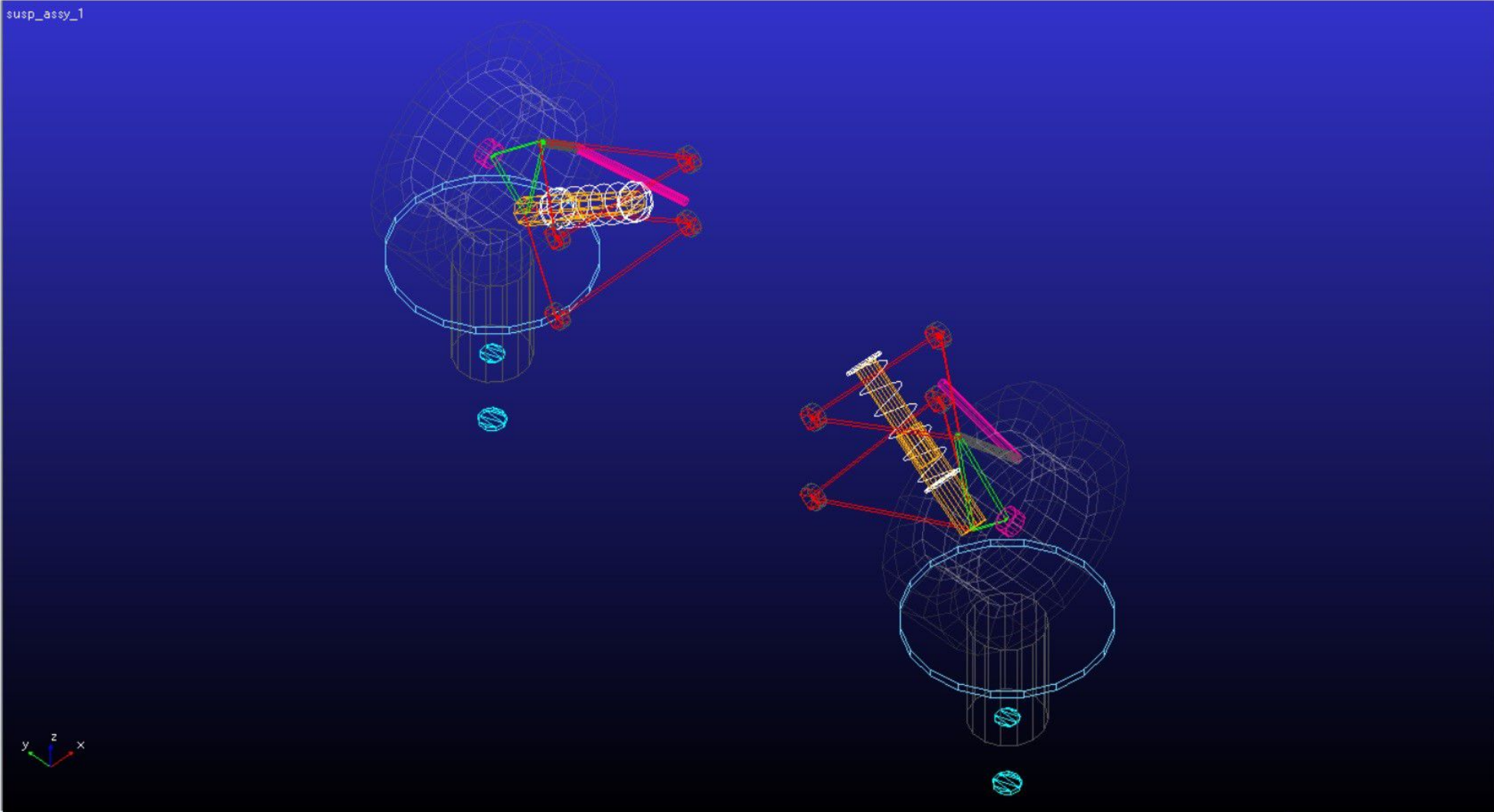
.susp\_assy\_1

Browse Filters

- Subsystems
- All Other

Search

susp\_assy\_1



Select

private



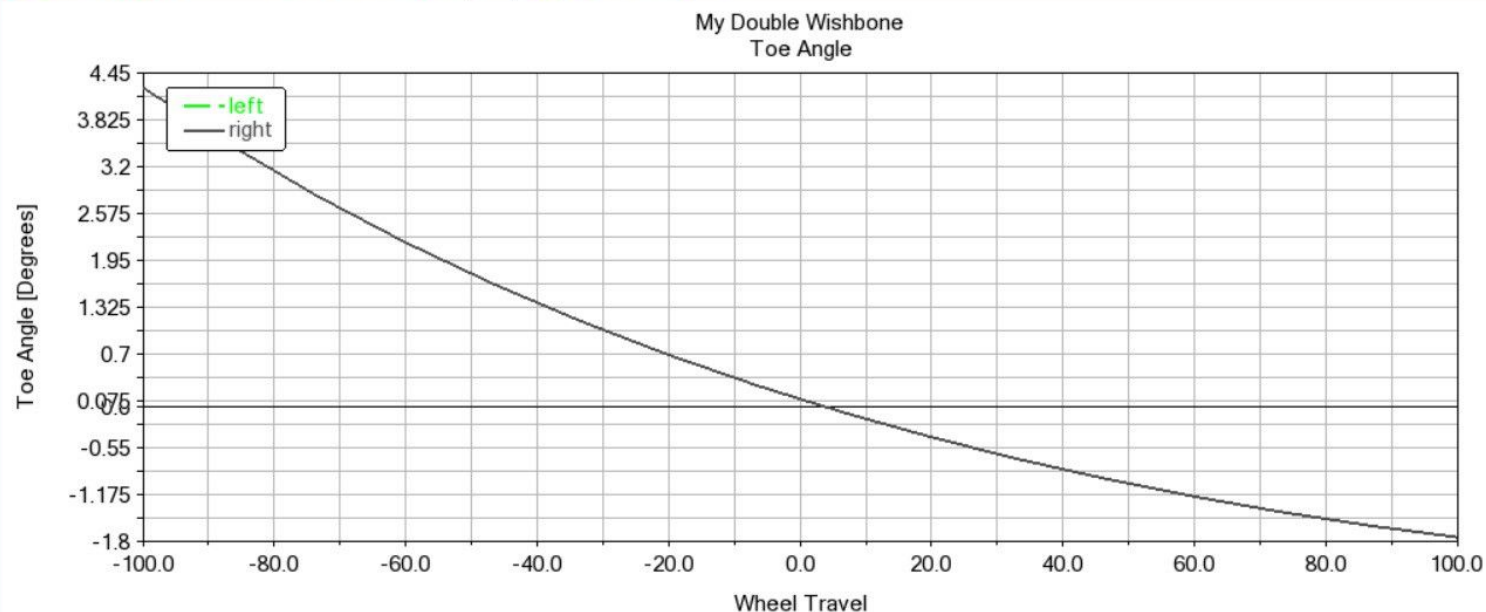
Plotting

- page\_aft\_steer\_compliance
- page\_camber\_angle
- page\_caster\_angle
- page\_caster\_moment\_arm
- page\_fore\_aft\_wheel\_center\_stiffness
- page\_front\_view\_swing\_arm\_angle
- page\_front\_view\_swing\_arm\_length
- page\_ideal\_steer\_angle
- page\_kingpin\_inclination\_angle
- page\_lat\_frc\_camber\_compliance
- page\_lat\_frc\_defl\_compliance
- page\_lat\_frc\_steer\_compliance
- page\_ride\_rate
- page\_roll\_camber\_coefficient
- page\_roll\_caster\_coefficient
- page\_roll\_center\_location
- page\_roll\_steer
- page\_scrub\_radius
- page\_side\_view\_swing\_arm\_angle
- page\_side\_view\_swing\_arm\_length
- page\_steer\_angle
- page\_toe\_angle
- page\_wheel\_rate

Name Filter

\*

Header Footer None



Data Math

Simulation

kin\_parallel\_travel (Adams)

displacement  
velocity  
acceleration  
force  
user defined

Source Requests

Filter \*

Filter

Request

jmr\_bearing\_lock\_data  
left\_hub\_forces  
left\_tire\_forces  
nsl\_mainspring\_data  
nsr\_mainspring\_data  
rel\_retract\_stop\_data  
rer\_retract\_stop\_data  
right\_hub\_forces  
right\_tire\_forces  
roll\_center\_location  
testrig  
wheelenv\_output

Component

wheel\_ctr\_x\_left  
wheel\_ctr\_y\_left  
wheel\_ctr\_z\_left  
wheel\_axis\_x\_left  
wheel\_axis\_y\_left  
wheel\_axis\_z\_left  
wheel\_ctr\_x\_right  
wheel\_ctr\_y\_right  
wheel\_ctr\_z\_right  
wheel\_axis\_x\_right  
wheel\_axis\_y\_right  
wheel\_axis\_z\_right

Surf

Add Curves

Add Curves To Current Plot

Clear Plot

Independent Axis:

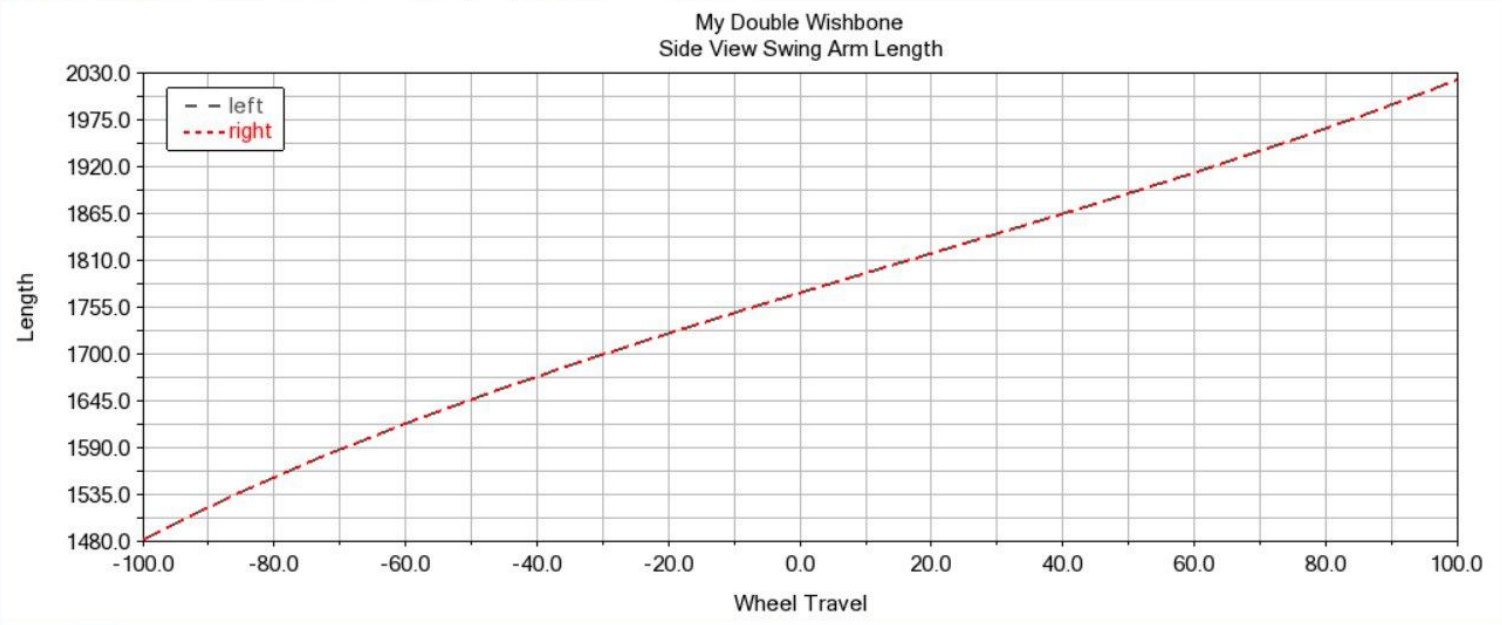
Time Data



- page\_aft\_steer\_compliance
- page\_camber\_angle
- page\_caster\_angle
- page\_caster\_moment\_arm
- page\_fore\_aft\_wheel\_center\_stiffness
- page\_front\_view\_swing\_arm\_angle
- page\_front\_view\_swing\_arm\_length
- page\_ideal\_steer\_angle
- page\_kingpin\_inclination\_angle
- page\_lat\_frc\_camber\_compliance
- page\_lat\_frc\_defl\_compliance
- page\_lat\_frc\_steer\_compliance
- page\_ride\_rate
- page\_roll\_camber\_coefficient
- page\_roll\_caster\_coefficient
- page\_roll\_center\_location
- page\_roll\_steer
- page\_scrub\_radius
- page\_side\_view\_swing\_arm\_angle
- page\_side\_view\_swing\_arm\_length**
- page\_steer\_angle
- page\_toe\_angle
- page\_wheel\_rate

Name Filter \*

Header Footer None



Data Math

**Simulation**

kin\_parallel\_travel (Adams)

Source Requests

Filter \*

- Filter**
- displacement
  - velocity
  - acceleration
  - force
  - user defined**

- Request**
- jmr\_bearing\_lock\_data
  - left\_hub\_forces
  - left\_tire\_forces
  - nsr\_mainspring\_data
  - nsr\_mainspring\_data
  - rel\_retract\_stop\_data
  - rer\_retract\_stop\_data
  - right\_hub\_forces
  - right\_tire\_forces
  - roll\_center\_location (Roll Cent
  - + testrig (Result Co
  - wheelenv\_output (Wheel Env**

- Component**
- wheel\_ctr\_x\_left
  - wheel\_ctr\_y\_left
  - wheel\_ctr\_z\_left
  - wheel\_axis\_y\_left**
  - wheel\_axis\_z\_left
  - wheel\_ctr\_x\_right
  - wheel\_ctr\_y\_right
  - wheel\_ctr\_z\_right
  - wheel\_axis\_x\_right
  - wheel\_axis\_y\_right
  - wheel\_axis\_z\_right

☐ Surf

Add Curves

Add Curves To Current Plot

Clear Plot

Independent Axis:

☐ Time ☒ Data



Plotting

- testrig
- kin\_parallel\_travel
- Last\_Run
- page\_1
- page\_ackerman\_angle
- page\_alt\_camber\_compliance
- page\_alt\_steer\_compliance
- page\_camber\_angle
- page\_caster\_angle
- page\_caster\_moment\_arm
- page\_fore\_aft\_wheel\_center\_stiffness
- page\_front\_view\_swing\_arm\_angle
- page\_front\_view\_swing\_arm\_length
- page\_ideal\_steer\_angle
- page\_kingpin\_inclination\_angle
- page\_lat\_frc\_camber\_compliance
- page\_lat\_frc\_defl\_compliance
- page\_lat\_frc\_steer\_compliance
- page\_ride\_rate
- page\_roll\_camber\_coefficient
- page\_roll\_caster\_coefficient
- page\_roll\_center\_location

Name Filter

\*

Header Footer None



Data Math

Simulation

kin\_parallel\_travel (Adams  
displacement  
velocity  
acceleration  
force  
user defined

Source

Requests

Filter

\*

Filter

displacement  
velocity  
acceleration  
force  
user defined

Request

jmr\_bearing\_lock\_data  
left\_hub\_forces  
left\_tire\_forces  
nsl\_mainspring\_data  
nsr\_mainspring\_data  
rel\_retract\_stop\_data  
rer\_retract\_stop\_data  
right\_hub\_forces  
right\_tire\_forces  
roll\_center\_location (Roll Cent  
+ testrig (Result Co  
wheelenv\_output (Wheel Env

Component

wheel\_ctr\_x\_left  
wheel\_ctr\_y\_left  
wheel\_ctr\_z\_left  
wheel\_axis\_x\_left  
wheel\_axis\_y\_left  
wheel\_axis\_z\_left  
wheel\_ctr\_x\_right  
wheel\_ctr\_y\_right  
wheel\_ctr\_z\_right  
wheel\_axis\_x\_right  
wheel\_axis\_y\_right  
wheel\_axis\_z\_right

Surf

Add Curves

Add Curves To Current Plot

Clear Plot

Independent Axis:

Time Data

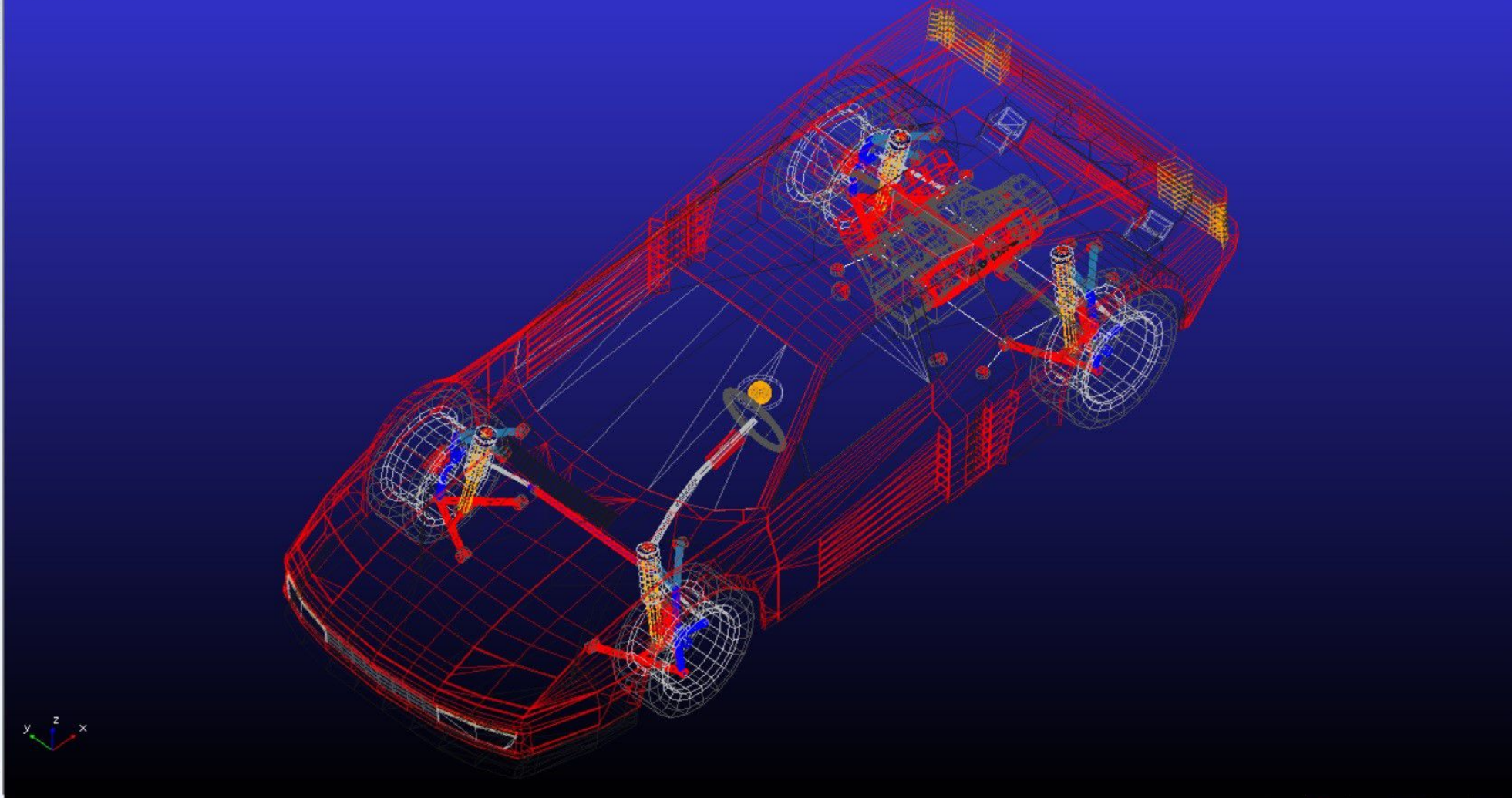
.MDI\_Demo\_Vehicle

Browse Filters

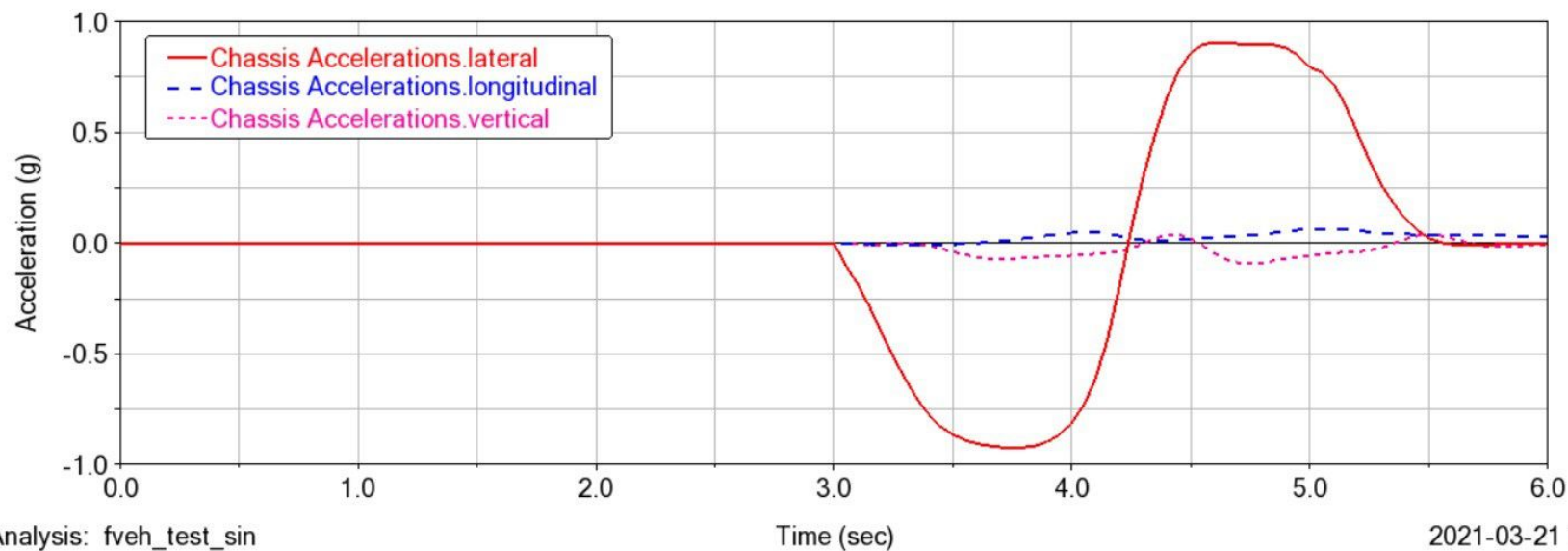
- Subsystems
- All Other

Search

MDI\_Demo\_Vehicle



Plotting

MDI\_Demo\_Vehicle  
page\_1


Name Filter

\*

Data Math

Simulation

fveh\_test\_sin (Adams Car Assemb  
displacement  
velocity  
acceleration  
force  
user defined

Source Requests

Filter \*

Filter

displacement  
velocity  
acceleration  
force  
user defined

Request

bkr\_uca\_rear\_force  
bkr\_uca\_rear\_velo  
brake\_line\_pressure (Brake Line  
bul\_jounce\_stop\_data  
bur\_jounce\_stop\_data  
chassis\_accelerations (Chassis Ac  
chassis\_displacements (Chassis Di  
chassis\_velocities (Chassis Ve  
clutch  
condition\_sensors (Request fo  
dal\_ride\_damper\_data  
dar\_ride\_damper\_data

Component

longitudinal  
lateral  
vertical  
corrected\_lateral  
roll  
pitch  
yaw

Surf

Add Curves

Add Curves To Current Plot

Clear Plot

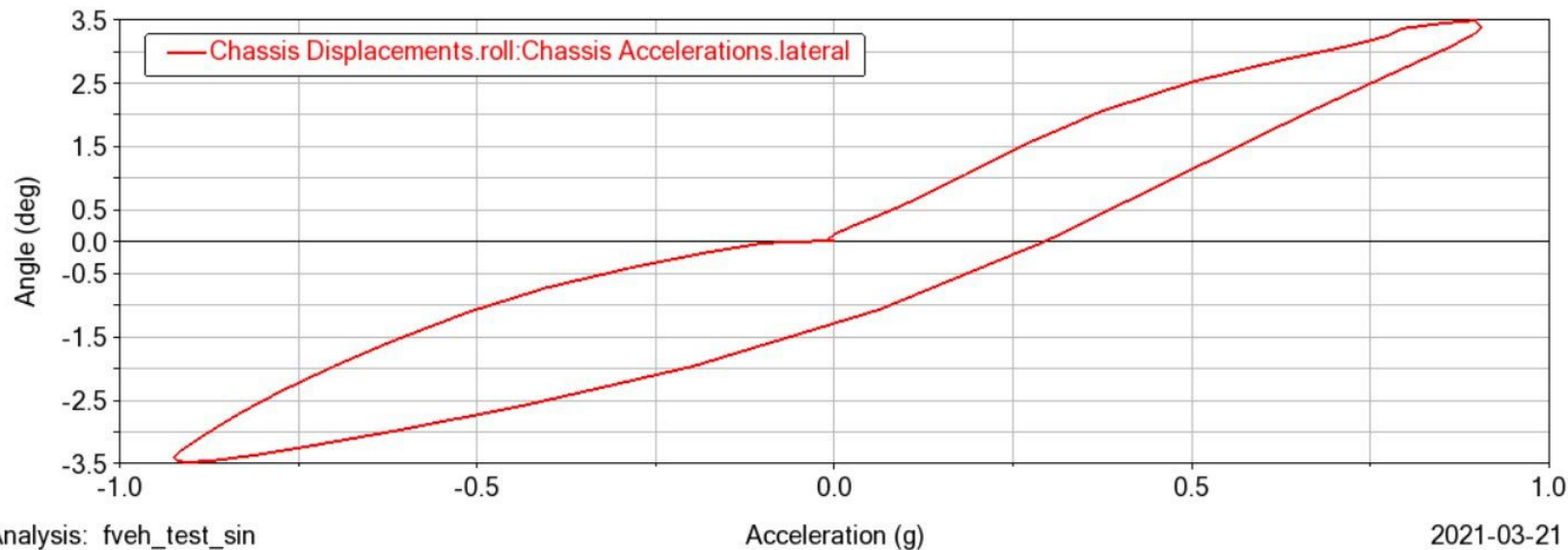
Independent Axis:

Time Data





MDI\_Demo\_Vehicle  
page\_1



Name Filter

\*

Data Math

Simulation

fveh\_test\_sin (Adams Car Assemb  
displacement  
velocity  
acceleration  
force  
user defined

Source Requests

Filter

\*

Filter

displacement  
velocity  
acceleration  
force  
user defined

Request

bkr\_uca\_rear\_force  
bkr\_uca\_rear\_velo  
brake\_line\_pressure (Brake Line  
bul\_jounce\_stop\_data  
bur\_jounce\_stop\_data  
chassis\_accelerations (Chassis Ac  
chassis\_displacements (Chassis Di  
chassis\_velocities (Chassis Ve  
clutch  
condition\_sensors (Request fo  
dal\_ride\_damper\_data  
dar\_ride\_damper\_data

Component

longitudinal  
lateral  
vertical  
roll  
pitch  
yaw

Surf

Add Curves

Add Curves To Current Plot

Clear Plot

Independent Axis:

Time Data

.chassis\_accelerations.lateral