

1

tau\_m

m1

m1

m2

m2

l

l

b\_x

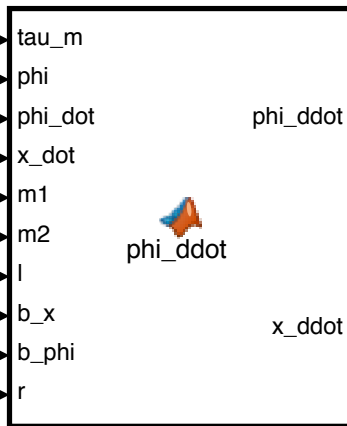
b\_x

b\_phi

b\_phi

r

r



MATLAB Function

phi\_ddot

 $\frac{1}{s}$   
Integrator

phi\_dot

 $\frac{1}{s}$ 

phi

phi\_0

Integrator1

 $\frac{1}{s}$ 

Integrator2

x\_dot

 $\frac{1}{s}$ 

Integrator3

x

 $\times$   
 $\div$   
Divide13  
theta $\times$   
 $\div$   
Divide4  
theta\_dot