

AbstractMultiBodySystem

constraint gradient()
constraint pradient()
constraint velocity()
decompose state()
dissipation matrix()
external potential()
external potential gradient()
internal potential gradient()
internal potential gradient()
inverse mass matrix()
kinetic energy()
kinetic energy gradient from momentum()
kinetic energy gradient from velocity()
mass matrix()
potential energy()
potential energy gradient()
rayleigh dissipation()
total energy()

costates()
decompose\_state()
descriptor\_matrix()
dissipation\_matrix()
hamiltonian()
hamiltonian\_gradient()
input\_vector()
output()
port\_matrix(state)
structure\_matrix()

decompose\_state()
descriptor\_matrix()
get\_state\_columns()
right\_hand\_side()