



<https://www.youtube.com/watch?v=49JwbrXcPjc>

**<https://www.mathworks.com/help/robotics/ref/rigidbodytree.forwarddynamics.html>**

**<https://www.mathworks.com/help/robotics/ref/rigidbodytree.externalforce.html>**

**<https://www.mathworks.com/help/matlab/ref/ode23tb.html>**