

Important functions from Chapter 14, 15, and 16

Forces depend on	2nd law	one Euler step	many Euler steps	position function	velocity function
nothing				positionCF	velocityCF
t				positionFt	velocityFt
v	newtonSecondV	updateVelocity		positionFv	velocityFv
t, v	newtonSecondTV	updateTV	statesTV	positionFtv	velocityFtv
t, x, v	newtonSecond1D	updateTXV	statesTXV	positionFtxv	velocityFtxv
$t, \mathbf{r}, \mathbf{v}$	newtonSecondPS	updatePS	statesPS		