

Important functions from Chapter 14 and 15

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

Important types and functions from Chapter 15

- `Types`
 - `State1D`
 - `UpdateFunction`
 - `DifferentialEquation`
 - `NumericalMethod`
- Differential equation solving
 - `solver`
 - `euler`
 - `rungeKutta4`
 - `eulerCromer1D`