

Inputs: Odes, timespan,
Initial Values
Outputs: PostponAbelocity Outa
Calls: Odes

Train\_Motion

Irputs: time, position,
velocity

Outputs: velocity, acceleration

Calls: NA

Function Operation | Initialize Parameters # Moving\_Train Creute Odes # Moving-Train -> with train Paramy Train\_ Motion # Moving-Train ->
RK4 Approximate
Position/Velocity from ODES Graph Pasition # Moung\_Train and Velocity

Functions

Pseudo Code