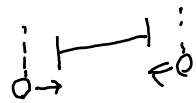


Classical
Mechanics

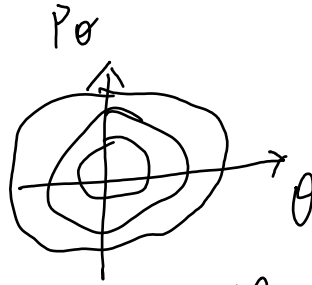
😊 simple



Constrained
Mechanics

😊 simple

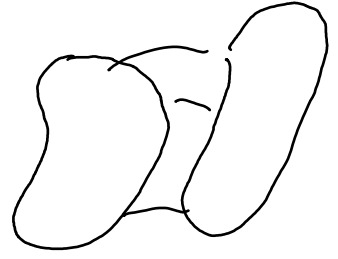
😊 easy to
implement
(relatively)



Lagrangean
Mechanics

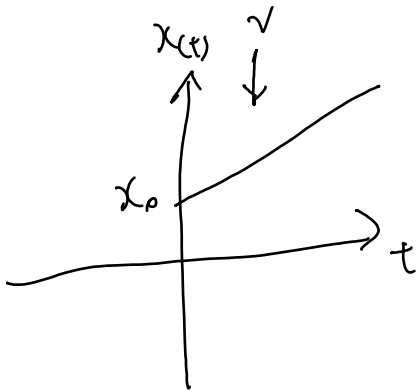
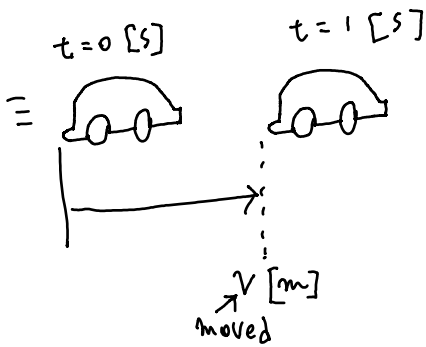
😊 generalized form

😊 momentum preservation



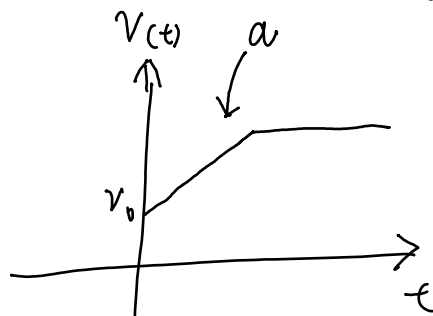
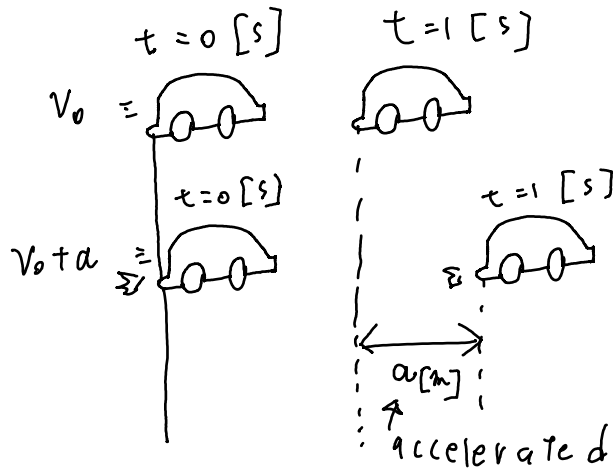
Continuum
Mechanics

😊 volumetric
representation



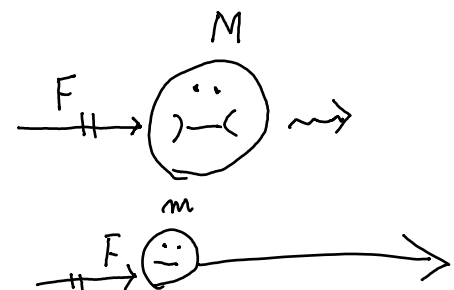
$$x(t) = x_0 + vt$$

$$\dot{x} = \frac{dx}{dt} = v$$



$$v(t) = v_0 + at$$

$$\dot{v} = \frac{dv}{dt} = a$$



To PBD