

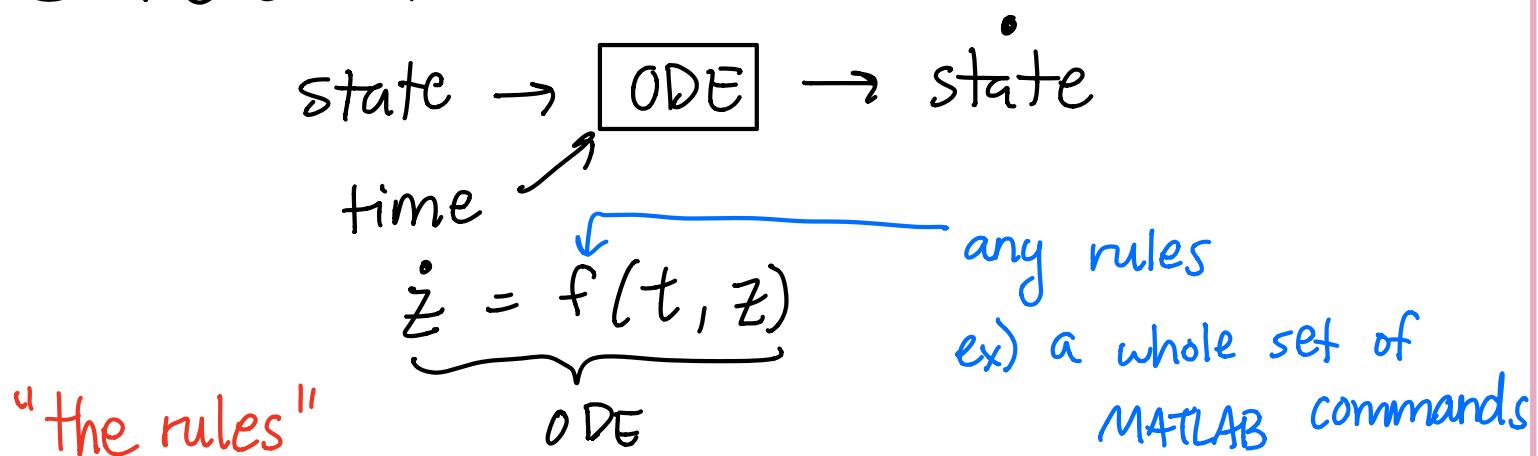
Today: ① Euler Method using 3 functions at once

What goes on when solving a differential eqn?

① Setup: call solver, parameters, ICS, post process, plotting, etc

call

② The ODE:



③ Solver → e.g. Euler

$$z_{\text{new}} = z_{\text{now}} + \dot{z} \cdot \tilde{h} (\Delta t)$$

call

demo: Euler's Method on MATLAB (see posted code)