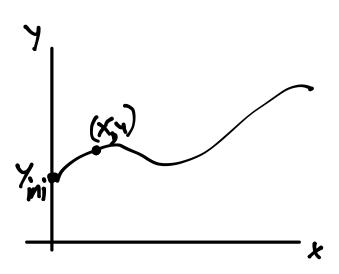
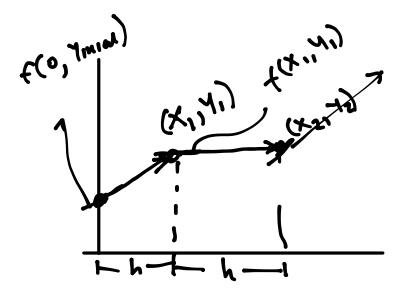
$$\frac{dy}{dx} = \underbrace{f(x,y)}_{}$$





$$\int \frac{dv}{dt} = 3$$

$$t=0 \quad V(0)=0$$

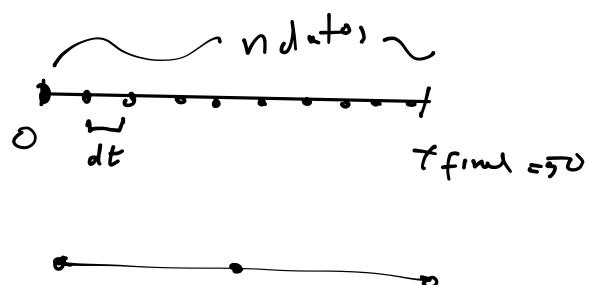
$$\frac{dV}{dt} \approx \frac{\Delta V}{\Delta t} = \frac{\Delta V}{h} = \frac{V(t+h) - V(t)}{h}$$

$$V(t+h) = V(t) + 3h$$
  
 $t=0$   $V(0)=0$   
 $V(h) = V(0) + 3h = 3h$   
 $t=h$   $V(2h) = V(h) + 3h$   
 $t=2h$   
 $V(3h) = V(2h) + 3h$ 

$$9: i=0,1,2...10$$

runge  $(0,11)$ 
 $i=1,2,3,...9$ 

runge  $(1,10)$ 



-D - 5