

7/12/15

$$y' = y$$

$$y(x) =$$

$$\gamma(2)?$$

THAT WE KNOW.

$$y(t) = e^t \quad \text{TWLY}$$

SUPPOSE WE WANT TO COMPUTE AN APPROXIMATION

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$$\longrightarrow \text{Tan}_x, \quad \gamma(1) = e' = e = \gamma(1)$$

ONE CAN CHOOSE, THEN $\frac{1}{n} \geq 1$ MUST BE $h = \frac{1-\beta}{n} = \frac{1}{n} \cdot \frac{1-\beta}{1-\beta}$

$V_4 = 0$, since $f(0) = 1$

$$v_1 = v_f + h \cdot \underbrace{f(v_f)} = v_f - h v_f = v_0 \cdot (\underbrace{1-h}_{=1}) = 1 - 1 = 0 \dots$$

$$u_2 = u_1 - \underbrace{h \frac{f}{c}(u_1)}_{=u_1} = u_1 + h\nu_1 = \nu_1(\lambda + h) \rightarrow = (\lambda + h)^2$$

LONGHALL

$$V_A = (1 - h)^n$$

HW 9/10/3 1 (HW 6)

$$y' = 2y; \quad y(2) = 1$$

 $\gamma(x_i)$

HERE WE KNOW NOT

2(x)

COMPUTE $\Delta H_{\text{Rxn}} @ x = 1$

→ $y(x) = ?$