

$\frac{1}{c}$

n	h	μ_n	$y(1) - \mu_n = \alpha$	α/h
1	0.10	29.190	-23.75	-2.375×10^5
2	0.10	35.43	-29.99	-2.999×10^5
1	0.05	1.105		
2	0.05			

OUT
WAVE
ARE
HERE

* ACCIDENTALLY ERASED WORK
FOR $h = 0.10$

($h = 0.05$)

$$\mu_2 = \mu_1 + \frac{h}{6}(k_1 + 2k_2 + 2k_3 + k_4)$$

$$\rightarrow k_1 = f(\mu_1) = 2 \cdot 1.105$$

$$k_1 = 2.21$$

$$k_2 = f\left(\mu_1 + \frac{h}{2}k_1\right) = 2 \cdot \left(1.105 + \frac{0.05}{2} \cdot 2.21\right) - \frac{\beta}{h^4}$$

$$k_2 = 2.321$$

$$y(1) - \mu_1 = 2e$$

$$= \alpha'$$

$$y(1) - \mu_2 = 2e$$

$$= \beta$$

$$\frac{\alpha'}{h^4} =$$

$$=$$

$$=$$

$$=$$

$$=$$

More One Step
Punjab - KOTA 4th Oct
K. S. (Pun)