

$$\frac{1}{n}$$

n	h	μ_n	$y(1) - \mu_n$	$(y(1) - \mu_n)/h$
1	0.1	1.2	4.237	12
2	0.1	1.44	3.997	14.4
1	0.05	1.1	4.337	86.74
2	0.05	1.21	4.227	84.54

$$(h = 0.05)$$

$$\mu_1 = 1 + 2(0.05) = 1.1$$

$$\mu_2 = (1.1)^2 = 1.21$$

$$y(1) - \mu_1 = 2e - 1.1 = \alpha \approx 4.337$$

$$y(1) - \mu_2 = 2e - 1.21 = \beta \approx 4.227$$

$$\frac{\alpha}{h} = \frac{4.337}{0.05} = 86.74 \dots (?)$$

$$\frac{\beta}{h} = \frac{4.227}{0.05} = 84.54 \dots$$