

Scanned by CamScanner

$$= \frac{2.5}{3} \left[\sqrt{10^{2}} \right]$$

$$= \frac{2.5}{3} \left[0.31623 + 1.947458 + 0.894427 \right]$$

$$= \frac{2.6317625}{3} \left[(8) \right]$$

$$= \frac{4}{3} \left[(8) \right]$$

$$= \frac{2}{3} \left[(8) \left[(25) \right] + (8) \left[(25) \right] \right]$$

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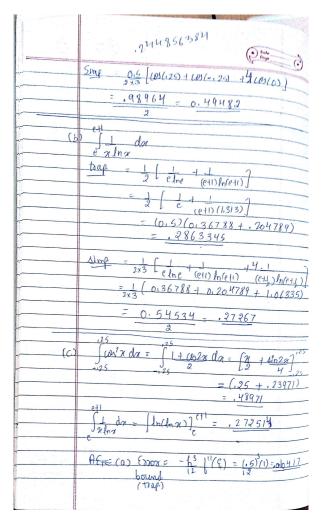
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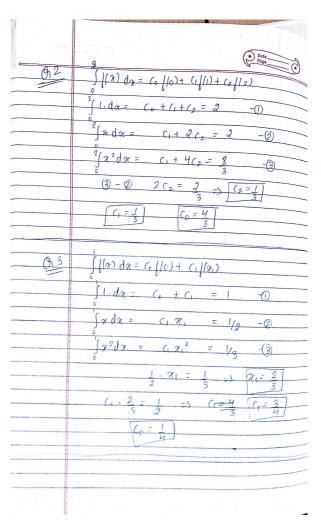


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```
Ade elle (trap) = 10-28.48471 - ,484461
                                                                                                          = 0.00525
       (2) (b \cdot a)^5 p''(b)
bound (b \cdot a)^5 p''(b)
= (0.5)^5 p''(b) = 9.18 p''(b)^5
               Actual error = 1.48482-.48971) = 5.11x16-3
(b) \{B = \frac{(1)^3}{(2)^3} \max \left\{ \frac{d^2}{dn^2} \left( \frac{1}{n \ln n} \right) \right\}

= \frac{1}{12} \max \left\{ \frac{d^2}{dn^2} \left( \frac{-(1 + \ln n)}{(n \ln n)^2} \right) \right\}
                                           = 1 man [ (1/nx)2(-1/n) + (1/1/nx)2(n/nx)]
                                         \frac{1}{12} \max \left[ \frac{3 \pi \ln \alpha (14 \ln \alpha)^2 - \pi \ln \alpha}{(\pi \ln \alpha)^4} \right] 
\frac{1}{12} \left( 0.34851 \right) = 0.0290425
                     Ad other = 1.272514-,2863345/
(trap) = 0.01382
       (Simp) 120x4! 24ln x + 50ln 2x + 70ln 2x + 10ln 2x + 10l
                                                          120x41
  Ad eld. = 1.272514 - , 27267/
(Dimp) = 1.56 X/0-4
```



Q14
$$4\alpha^{2} + 9\alpha^{2} = 36$$
 $3\frac{\alpha}{4} + \frac{1}{4} = 1$ $4 = 1$ $36 - 4\alpha^{2} = 1/\alpha$ $3 + \sqrt{36 - 4\alpha^{2}} = 3\sqrt{36 - 4\alpha^{2}}$ $3\sqrt{36 - 4\alpha^{2}} = 3\sqrt{36 - 4\alpha^{2}}$ $3\sqrt{36 - 4\alpha^{2}} = 3\sqrt{36 - 4\alpha^{2}}$ $1 = \sqrt{1 + 16\alpha^{2}} = \sqrt{\alpha}$ $2\sqrt{36 - 4\alpha^{2}} = \sqrt{1 + 4\alpha^{2}} = \sqrt{\alpha}$ $2\sqrt{36 - 4\alpha^{2}} = \sqrt{\alpha}$ $2\sqrt{36$

	O both page
	7 011
1	Trapezoidel
	SUB1= 7 11-1
] = 1 [[(-2)+2[(-1)+2[(0)+2[(1)+2[(2)]
	2 (10 2 (0) 2 (0) 3 (2)]
	= 1 (116428x2 + 4x 1.0274 + 27
-	21
	= 4.21908
-	subi=6 h=2/3
-	7-9 (1/2)
	I = 2 [[(-2) +2 [(-1,33) +2 [(-1,67) +2](0) +2](6) + 2 [(1,33) +](2)] = 1 [2 x 1.16 42 8 + 4 x 1.0532 8 +4 x 1.01147 8+2]
	$-1 \left(\frac{9}{2} \right) \left(\frac{133}{23} \right) + \left(\frac{1}{2} \right) \left(\frac{1}{2} \right)$
	3 [\$ 1116728 + 4 × 1.05328 + 4 × [1011478+2]
	= 4,195864
66	
96	$(a) (a) = (b) x - x^2$
	$\int_{0}^{1} (x) = -\sin x - 2x$
-	$\frac{1}{x'} = \frac{1}{x} + \frac{1}{(81)^2 - x^2} - \frac{1}{x^2 - x^2} + \frac{1}{12} \frac{1}$
	2017 SINOX 2017 SINOX
	γ ₀ = 0, 5
	71 = 0.9242 72 = 0.82910
	72 = 0.82 415
	24=0,82413
	A=45 (cosa-22) 12 da
	0
	민래 이 나는 이번 이 모든 일이 있어서 되었다.

h = (.82413) = 0:137355 A = 4x 0,137 3551 A= (27471) [1+21,98576+,94183+,864 + , 74227 + , 549213) + , 00 2342 = 2.51867 917 6-0=84 distance = speed x Home (onl SIM 34+156+133+109+85+ + 1394) 210 42 Sina da Mana da 1/2 2+x

