#Jenny

Finally I get this ebook, thanks for all these I can get now!

#Rio

Cool! I'am really happy

#Markus Jensen

I did not think that this would work, my best friend showed me this website, and it does! I get my most wanted eBook

#Hun Tsu

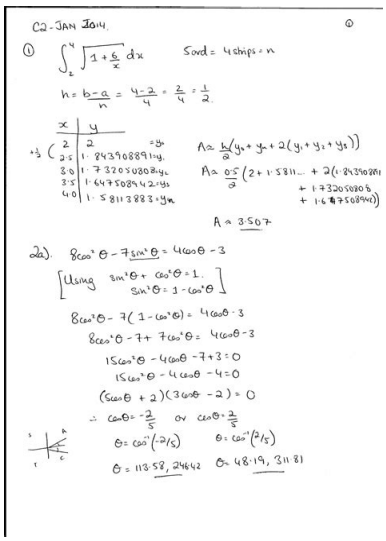
wtf this great ebook for free?!

#Che Salsa

My friends are so mad that they do not know how I have all the high quality ebook which they do not!

#Diego Butler

so many fake sites. this is the first one which worked! Many thanks



C2 - JAN 2014

① $\int_2^4 \sqrt{1+\frac{5}{x}}\,dx$ Soln: 4 strips = n

$h = \frac{b-a}{n} = \frac{4-2}{4} = \frac{2}{4} = \frac{1}{2}$

x	y
2	2 = y₀
2·5	1·8439688891 = y₁
3·0	1·7320508082 = y₂
3·5	1·6475084942 = y₃
4·0	1·5811388833 = y₄

$\frac{1}{2}(y_0 + y_4 + 2(y_1 + y_2 + y_3))$

$\frac{0.5}{2}(2 + 1.5811\ldots + 2(1.8439\ldots + 1.7320508\ldots + 1.6475\ldots))$

A = 3·507

2a). $8\cos^2\theta - 7\sin^2\theta = 4\cos\theta - 3$

[Using $\sin^2\theta + \cos^2\theta = 1$. $\sin^2\theta = 1 - \cos^2\theta$]

$8\cos^2\theta - 7(1 - \cos^2\theta) = 4\cos\theta - 3$

$8\cos^2\theta - 7 + 7\cos^2\theta = 4\cos\theta - 3$

$15\cos^2\theta - 4\cos\theta - 7 + 3 = 0$

$15\cos^2\theta - 4\cos\theta - 4 = 0$

$(5\cos\theta + 2)(3\cos\theta - 2) = 0$

$\therefore \cos\theta = -\frac{2}{5}$ or $\cos\theta = \frac{2}{3}$

$\theta = \cos^{-1}(-2/5)$ $\theta = \cos^{-1}(2/3)$

$\theta = 113.58, 246.42$ $\theta = 48.19, 311.81$

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