5 = (() [1+ (du) 2 + (du) 3 dx dy = dy = 4 , dy = 2 g = 5'5 51 + 16 + 432 dridy = 5'5' 517+4g2 ph dy - \\ \J17+4g2 (x) ody = (1 S17+4g2 dy Jonizta: me con substitute x= Ja tames noitutitulus joinet a 14 mill x = 517 ton (m) 3 = 5(7 tom(M) dy = 517 sec? (M) du - (J17+4x17 tan2(M). J17 ser2 (M) dy

(83)

= (5) 517(1+ tan2 m). 517 sec2(m) du = ("J17. Der M. J17 Der? (u) du - 175 see3 (M) du ,MU- SUDA M= SOEM; Who see the town the V = tan M Sec3(M) du= Decutary - Stany. = permtonh - (see in ton 24 = see m tan m - (see m (see 2 m-1) = see intom h = - (see 3 M + fee M 2 (see 3 mons seem ton M + Ssee M = secution M + (sech. (sech + tomm) chy
(sech + tom M) = see m tom M + (see 2 m + see m tranh dy
see m + tom m t = secut tanh of = see in tame + see in du = see m ton m + 1 ct

serution M + lm(+) 2 (see hoder = see u tomme + In I seem + tom u) (see y du = = 17 & [see H tem H + In [seem + ten H] des] 3 = Jiz ton (M) tom (233) = M = 17 sex (ton-1 (2 3)). ton (ton) 2 3) + ln (see (tan (2 3) + tom (tom (2) Let y = tan (317 8) 2 7= tan 4 3 173 = Dim 4 4 32+1

ser r. (ser r + tan x) dre your of the sex + ton x - Deck & tour K du = seex tour x + see2x dx du = On INI = In Doc x + tour 1 = (Continued) # 17 g + 1 = sin 2 g + cos 2 g 4 g + 1 = 1 17 CO12 M 4 y +1 = see 2 4 = Str(ton (23)) = 17 8 5 7 52 +1 - 2 3 + h 5 7 2 +1 +2 3

$$= \frac{17}{4} \left[\sqrt{\frac{1}{17}} + \frac{1}{\sqrt{17}} + \frac{2}{\sqrt{17}} + \frac{1}{\sqrt{17}} + \frac{2}{\sqrt{17}} \right]$$

$$= \frac{17}{4} \left[\sqrt{\frac{1}{17}} + \frac{2}{\sqrt{17}} + \frac{2}{\sqrt{17}} + \frac{2}{\sqrt{17}} \right]$$

$$= \frac{17}{4} \left[\sqrt{\frac{21}{17}} + \frac{2}{\sqrt{17}} + \frac{1}{\sqrt{17}} + \frac{2}{\sqrt{17}} \right]$$

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$$= \frac{17}{4} \left[\sqrt{\frac{21}{17}} + \frac{2}{\sqrt{17}} + \frac{2}{\sqrt{17}} + \frac{2}{\sqrt{17}} + \frac{2}{\sqrt{17}} + \frac{2}{\sqrt{17}} \right]$$

$$= \frac{17}{4} \left[\sqrt{\frac{21}{17}} + \frac{2}{\sqrt{17}} +$$