Quiz :3

Section 2

2) a) V(x, y, z) => 0 as y -> 00, which can't be part

B: Y(y)= sin40

Sinh (00) = 00

b) Eq. 3,511

 $\frac{16 \, \text{n}=3}{3 \, \text{n}=2} = \frac{41 \, \text{Vo}}{9} \, \int_{0}^{9} \, \sin \left(\frac{3}{4}\right) \, dz$ 

Section 21 ジ= ax+ by+(章 , C-? マ・きー 学(マメナレジナ(学) Formler's Total 2) = E civi , n-dimensional vector , c=? Fournier's Tree! 3. xm = & C'x1.xn = Cm 3) Ax1= 90 + = an Sh (nx) + b. 05(AX) modeling: f(x) = sin(3x), from n=0 to n=00 an= 1/1 Sin (3x) cos (nx) dx if n=0; | G= 1/1 (3x) dx => 1/1 (- (3x)/3) = 1/1 (- ws(cm/3 + 1/3) = 0 , thuy as = 0 an = 1/4 (24 sin (3x) (0) (nx) dx

10 trg, finds = 1/1 (2 /2 (34(n+3) - 52 (n-1))

5h ((n+3)x)dx - 1 (2m sih ((n-3)x)d1 - 1/m cos (n+3) x) + 1/m cos (cn-3)x) - 1/211 ( 1/h+3)·(0) + 1/n+ (1/h-3)·(0)= 0 bn = 1/1 [21 sih (3x), sin (hx) dx = 1/2 (cos (n-3)-cos (n+3)) = 1/20 (20 cos ((n-3)x) dx - y cos ((n+3)x) d1 1/1 ( Cus (0.17) dx =) There are no earliernt for the France server