Adam -

7,43 AC = Q 37 Renc = Q ((Ca)b) Still = 5(Er) · (, da der) = 5" fre dade $\frac{Q}{E_0} = \frac{2\pi i \ln r}{2\pi i \ln r} = \frac{2\pi i \ln r}{2\pi i \ln r}$ V=- Silver = - Comi Silver = -3 1/(1) = 3/1 (106) - 1. (b) = Q (In倍))

ミーターフるれば出してn(音)/p

(2.50) V(7) = A ext CE + ABOUTANNES (PAN) AP-28 /4-1 10.8(P)= & P= AEO (4186F) = 12 (-17)

Q= SPOPILI - ALS SUNSON - FET 73 SINA do do do A FORTA S (MAISONE AFE) Simodo = A English Single de Stretze = (A - MA (MAR) eAA-1)

As I cannot differentiage no (3.1) Vave = Venter + Quence 2 12=22 + R2-22RCOSA N=unec 9 A= 122/R= 20 Res 0 V= YAR2 YMES · SRSMALO = 176 78 - 186 3 Vave = Veenter & Vivi last if more than 1 & then VINT = Benc by superposition Vint = Vcenter + Qenc Vint = Vcenter + YTTFOR

a in the second

Cylinder DUVE depends on Fand Solution of 032 40-0 Laplace

AX) +3(8)=0 V(X,Y) = X(X), Y(Y)M HOLY I 125 4 7 2 2 X

V(xy) = e - kx ((s)nky + Ocosky) V(0,0) = Vo = 1. (0 + 0.1) = 0 = Vo ond (os is always) -1 when x is always of

V(X) 8) = e ((5/4 (2n71)/19) + Vo (5) (2n71)/19 Since sine is just not doing anything worthwhile and I need a square wave, I declare externionates on the coefficient of C. Man markenionical justice account in all bandance. V(x)p)=e (V4105/ 6.07/)77/) -Prodition

3.19) Find etcy) for 3,3 assuming 17 15 condition at constant portering JE-E 30 - 2-6-3x/20 potential is consist, 50 sin (3)=1 J- 260V0 (d) Vo Inside? V(x,y)=e ((sinky+Dcosley) Z V(0,0)= 0=11(0)=0=0 V=0 when x=0 V=0 when y=0 V(099)=0=1.((sinka) (1) V=0 when y=9 (1)1) V= Vo(y) when x= b 11 0 = 511 kg

- 3

VCh 1/2 1/20 8 2 10 mkg V(x)Y)= & (e 9 5/1/9) V(0,4) = \(\frac{2}{5} \csi\left(\frac{7(1)}{4}) = V_0(4) = = E Con incomply (- singly - Surpsincing) STACARY MENTER ONE ONE NEW (= 3) 10 40 IN (0) 14 V(xy) = = 35 So Nocytein 47) dy 10 5/16 (24)