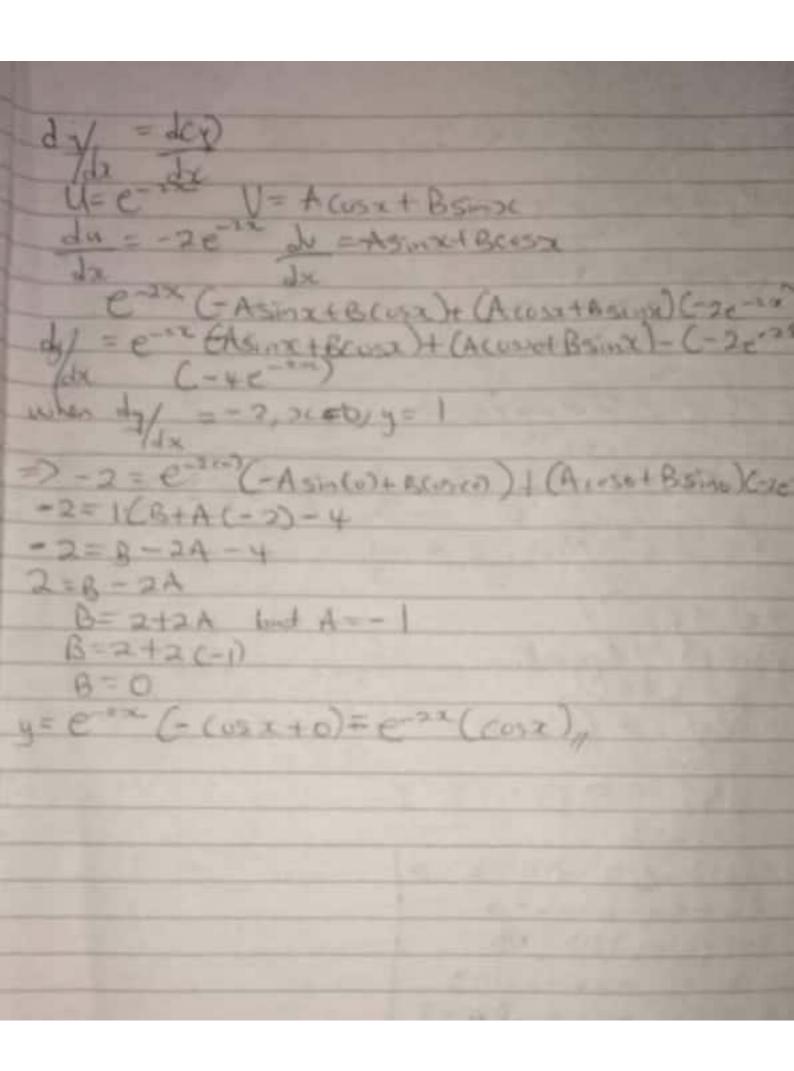
Complementary function Acosx (RSinx) + 20-200 (05(0)+Bsin(0))+ 2 e-2(0)

dy = 26 2 C + 25 C (x++ 1x+E) = 5x2 + oc 2C+25(x3+250x+25E=-5x4x E=-2 = 25 = -2 y=2° + x -2 5 25 125 Cteneral 3 Sudani y=Acos52 + B3in5x+ x + x + x -2 y=Acos52 + B3in5x+ x + x + x -2

Charles C. Nolide - Wali 15/ENG02/031 Hence the general solution = C.7 + pal = y=Ae+



201/ ty = 4 Sin X m2-2m+1=0 CM-12 4 = EX CA+BX partial Indepartur. dy = (Cost + 1 snx 4dx dzy/ = - CCOX - DSINOC = ) - Crosx-Dsinx-2C-csinx+Doosx)+ccosx+Dsinx: +shi - CLOSX - ASMORTZC SINX - 2 NOONE + CLOST + ASMORT & SINX Cusa (-c-20+c)+sinx(-b+2c+0)=+sinoc (052 (-2A) + STADE (2C) = 45hx Company LHS > RHS -20-0 0=0 General solution, 45 64 (A+Bx) +2 (05xy