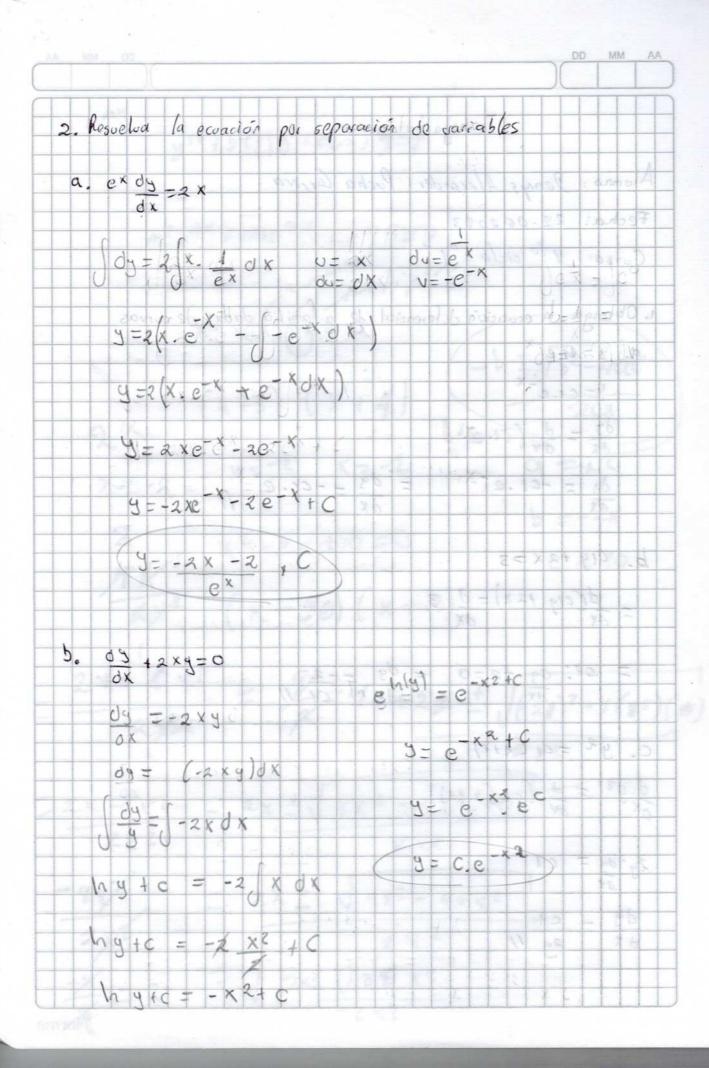
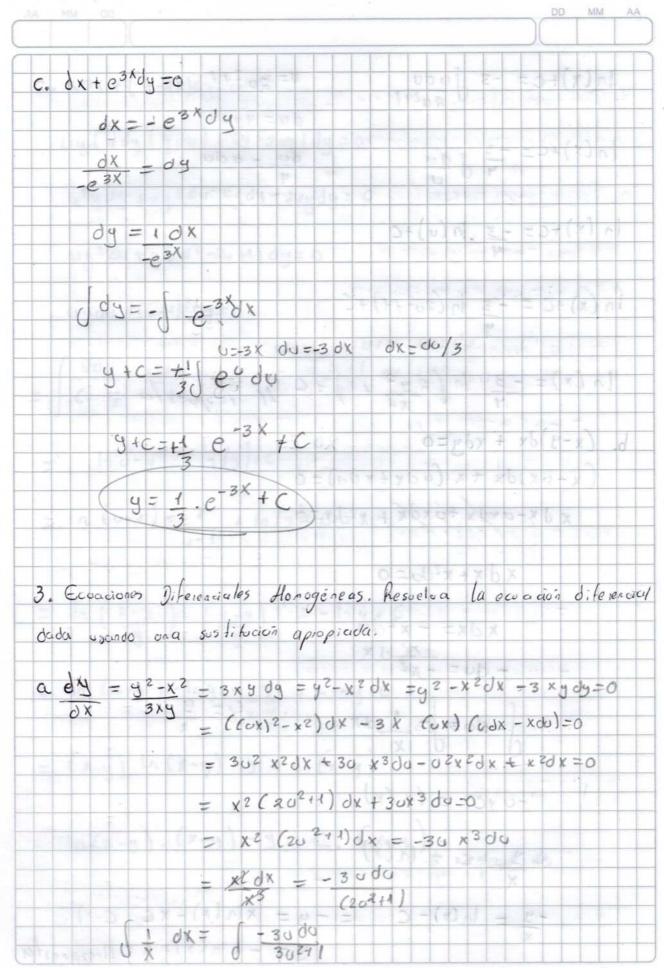
Norma





MM V= 202+1 In(x)+c= -3 udu 20211 du = 9000 [n(x)+c= udu u (n (x)+c=-3.10(u)+c 17 (20211)+C 10(x)+C= -3 (n (x)= b. (x-y)dx + xdy=0 (x-ax)dx +x (vax+xad) = 0 X d x - u x dx + u x dx + x fdu = 0 X d X + x2 do = 0 XUX= - x2du - du = -00--4+C = (2 (x) + c = (n(x) = - y = x \n(x) - x c (--) - 4 - 10 (x) - C - x la (x) + x c ll-expse) fa c. xdx + (y-2x)dy=0 uy (vdy + gdo) + (9-204) dy =0 12909 +09200 tyd9 - 24ydy = 0 Vy2 du + y (U2 - 20 +1) dy=0 6900 + (0-1)209=0 V= 011 du= du 420-1 ydu 02 (4-1)2 110-07 + 12/9/+0 + 1/1(9)=C la (u-1)-1 = - 179 + 6 X -9 In (x-y)-lag-- 124 + C (x-4) 1 (x-4) - 4 = 6 (x-4 1 (x-9)-(x-9)-3=C. (x-9 11 vespossta

Norma

(5x+4y)dx+ (4x-8y3)dg=0 m (x,y) dx + N(x,y) dy=0 N(K19)=4x-843 m (x,9)=5x+49 dN = 4 V -843 5 X + 4 9 son exactors m(x19) dx +9(9) 1 5 x dx + 1 49 dx + 9 C9 + 4x4 +9(9) (9) = 7893 -241+C F(xy) = 5x2 +4x9 -294+C Miespesta

MM (2y2 x-3) dx + (2yx2+4) dy=0 m (x14) 0x + N (x14) dy=0 m(x,14) = 2 y 2 x - 3 NCx14) =29 x2 +4 300 29 44 X m (x19) dx + 9 (4 2 y = x - 3 + 9 (x-03+9 292 x4 - 3 X + 9 (9 =xy2 - 3x+9(9) 109 74410 X292-3X +44-0 Il respuesta

emno#[