

(x+2)2+2K(x+1)-2+1 K(x+1)=2(x+1)3 K (N+2) 2 (X+2) (5) y'+xy = 3xex $K = \int_{3}^{3} e^{\frac{3}{2}x^{2}} dx = e^{\frac{3}{2}x^{2}} + cte$ Sourier y= (e2x2+ kte).e (Exp + y xxx + (3y ex - 2cox)y (-0 con F.I. ply)-3f = 2 yex + seux

3f - 3u 2yex + seux

2f - 3u 2yex + seux

2g - 3v 2yex + seux

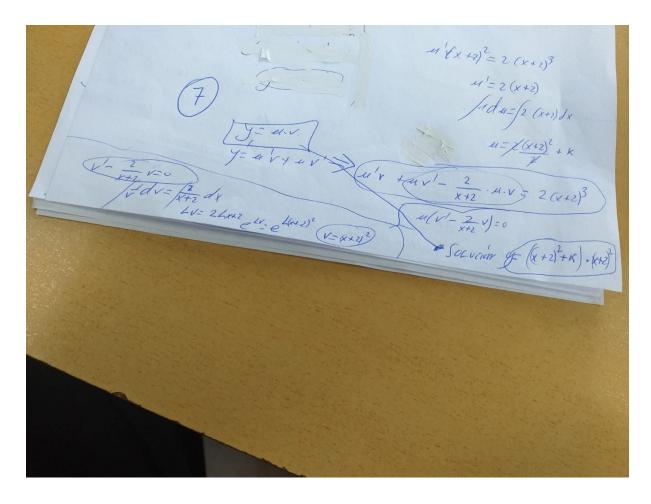
P = ex,2 + yreux

-yex - seux = 1

y exy + seux)

F. I u(y) = C = c = c = (y) (ex. y3+13eux) dx + (3fex 2900x) dy=0 13y= 3y2ex+ 2y xeux

 $\int_{K^{4}}^{4} dK = \int_{K^{2}}^{24} \int_{K^{2}}^{24} dx$ $\frac{K^{-3}}{3} = \frac{5e^{24x}}{24} + de$ By"+6y'+9y=0 y = Ax2.ex+ B = 24e 3x + 124xe 124xe 3x + 94x2 3x + 94x2 3x SOLUCION GENERAL SOLUCION GENERAL SOLUCION GENERAL 3x SOLUCIN AI P.VI- (9= 25xe-3x+3xe-3x+2) = 25=-36, + 62 (6-36)



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