$$y = MX \qquad dy = Mdx + X du$$

$$(4x^2 - 2(ax)^2) dy = 2X MY (Mdx + Xdu)$$

$$(4x^2 - 2(ax)^2) dy = 2MX^2 (Mdx + Xdu)$$

$$(4x^2 - 2u^2x^2) dx = 2 ux^2 (udx + xdu)$$

$$-x^2 (4 - 2u^2) dx = 2 ux (udx + xdu)$$

$$\frac{du^2}{x} \cdot \frac{2u}{1-4u^2} du \qquad \int \frac{dx}{x} = \int \frac{2u}{1-4u^2} du$$

$$f^{2}+4=0$$
 $f^{2}-4$ $f^{2}=4$ $f^$

1 p= Scoilx + Dx(2 son2v) = Acon 2x - 7Ax son2x 10 = -2 Asen2x - [18 sen2x + CAX cos 2x] = -2 sen 2x - ZAsen2x - 4 Dx cos ex = = -4/Sen2x- 4/ xcolx = -41 sen 24 - 41 x costx + 41 x costx = - 4 sen 2x - 45 = -4 [D=1] Jp = Xcosex Solveri: y= 9 COSTY+Q SINTX + X COSTX gas =-1 y= 9.000+6 smo +0 coo = 4 M(0)= 4=> 9=-29 IBNZY +162 COSZX + COSZX + (+3002x) = 202 +1 = 4/62=36/ 1 9 = - coslx + 3/2 - Senex + xcos 2x