Torce 2 Punto 4 Ec Richti $x^3y' = x^4y^2 - 2x^2y - 1$ Sin particular $y_1 = x^2 y' = -2x^{-3}$ $x^3(-2x^{-2}-u_0) = x^4(x^2+u^{-1})^2 - 2x^2(x^2+u^2) - 1$ Sostitución $y = y_1 + u^{-1}$ $-2 + x^3u^{-2}u' = x^4(x^4 + 2x^2u' + u^2) - 2x^2u^{-1} - 1$ $y' = y_1' + u^{-2}u'$ $x^3u^{-2}u' = x + 2x^2u^{-1} + x^4u^{-2} - 2x^2u^{-1} - x$ $y' = -2x^{-3} - u^{-2}u'$ $-x^3u^{-2}u' = x^4u^{-2}$ u' = -x $\int du = -\int x dx$ u' = -x $\int du = -\int x dx$ $u' = -x^2 + C$ $\int y' = x^{-2} + C$ $\int y' = -x^2 + C$