$$V'X + V = \frac{4x^{2} - 2(VX)^{2}}{2X(VX)} \longrightarrow V'X + V = \frac{4x^{2} - 2v^{2}x^{2}}{2X^{2}V} = \frac{X(4 - 2v^{2})}{X^{2}(2V)}$$

$$V'X + V = \frac{-2v^{2} + 4}{2V} \longrightarrow V'X = \frac{-2v^{2} + 4}{2V} - \frac{V}{1} = \frac{-2v^{2} + 4}{2V} - \frac{2v^{2}}{2V}$$

$$V'X = \frac{-2V^{2} - 2v^{2} + 4}{2V} \longrightarrow \left(V'X = \frac{-4v^{2} + 4}{2V}\right)$$

$$\int_{|x| + C} \frac{dv}{dx} \times = \frac{-4v^{2} + 4}{2V} \longrightarrow \frac{2V}{-4v^{2} + 4} dV = \frac{dx}{X} \longrightarrow \int_{-4v^{2} + 4}^{2V} dV = \int_{-4v^{2$$

$$-\frac{1}{4} \int_{-4v^{2}+4}^{-4\cdot 2v} dv = -\frac{1}{4} \ln \left| -4v^{2} + 4 \right| + C \in \mathbb{R}$$

$$(-4v^{2} + 4) = -8v$$

$$-\frac{1}{4}\ln|-4v^{2}+41| = \ln|x|+C, CEIR$$

$$-\frac{1}{4}\ln|-4(x)^{2}+41| = \ln|x|+C, CEIR$$

Esta expresión define de Journa implícita las soluciones y de la ecración diferencial

- 4 m | -4 (x²) +4 | = ln x 1 -0,86 | les soluciones y del problem de condiciones iniciales