ferren

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Solve the following DE: $\frac{dy}{dx}$ + $\frac{\partial x}{\partial y} = 0$ dy + 2×dx = 0 now integrates Sydy + Saxdx= SO $\frac{y}{1}$ + $x^{2} = C$ -y⁻¹ + x² = C accepteble assuer #1 (general solution) explicit soln (solve to y): $-\frac{1}{3} + x^{\lambda} = C$ $x^{2}-c=1$ $y = \frac{1}{\chi^2 - c}$

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