

Gráfica de soluciones particulares de EDOs de primer grado

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Materia: Ecuaciones Diferenciales

Grupo: 301

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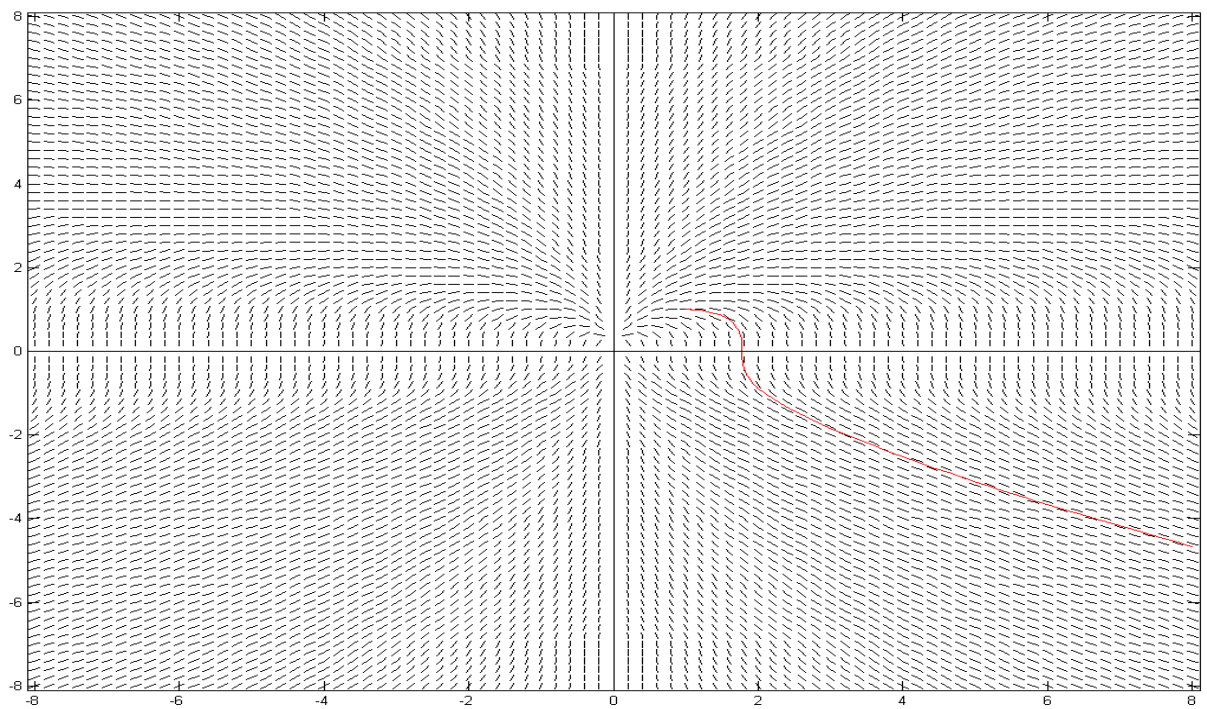
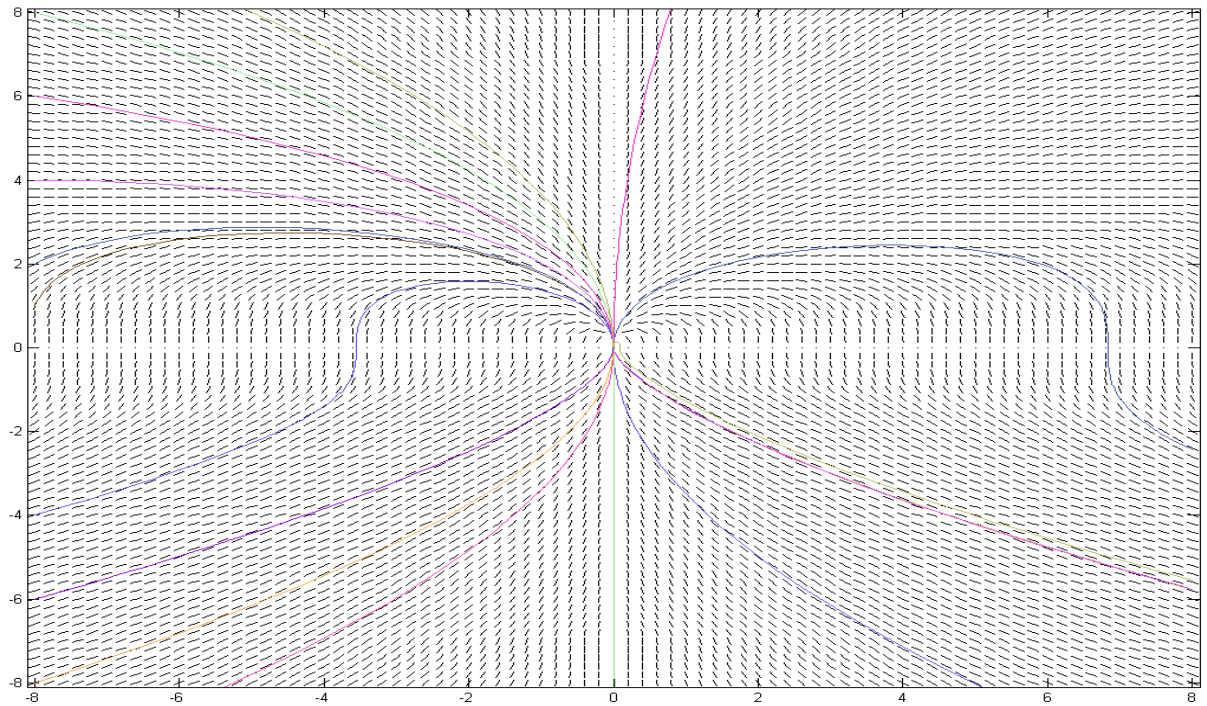
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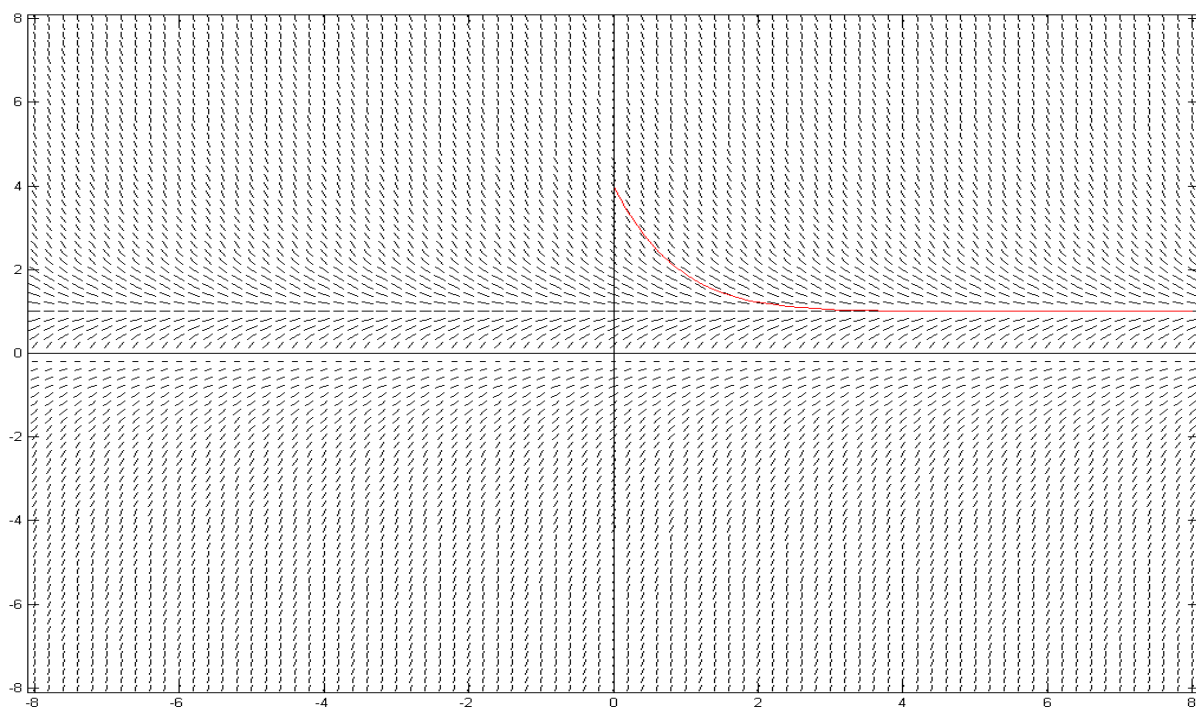
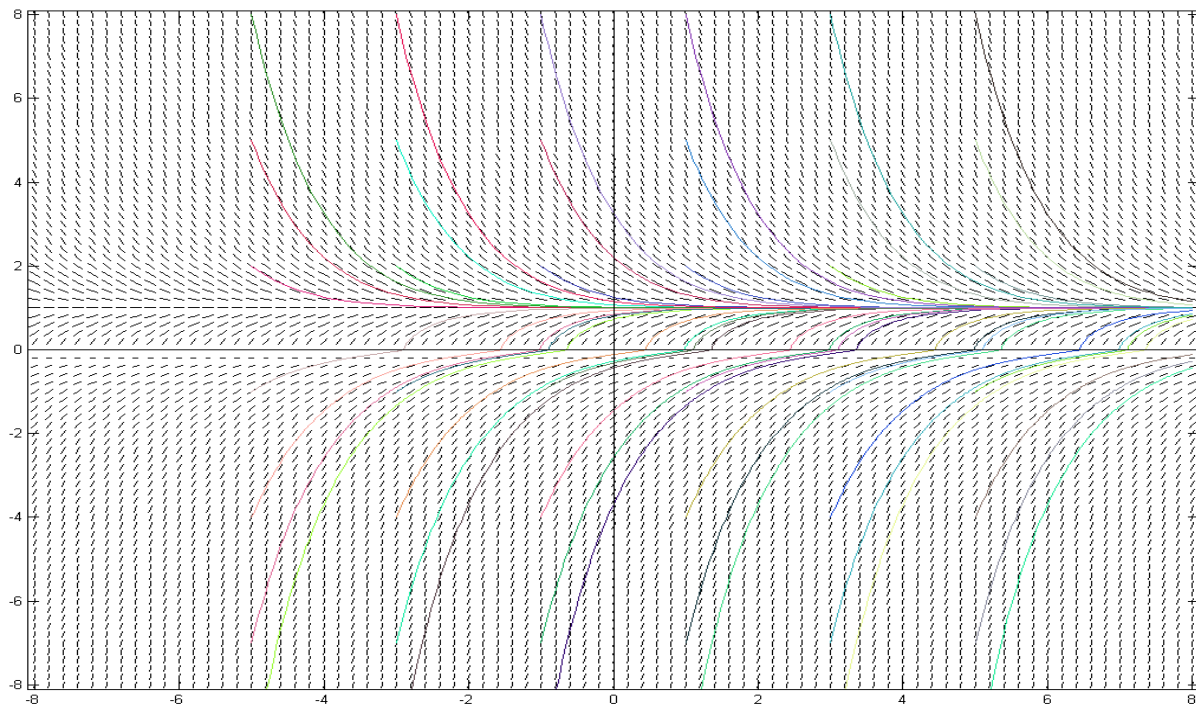
$$2 \frac{dy}{dx} = \frac{y}{x} - \frac{x}{y^2}$$

$$y(1) = 1$$



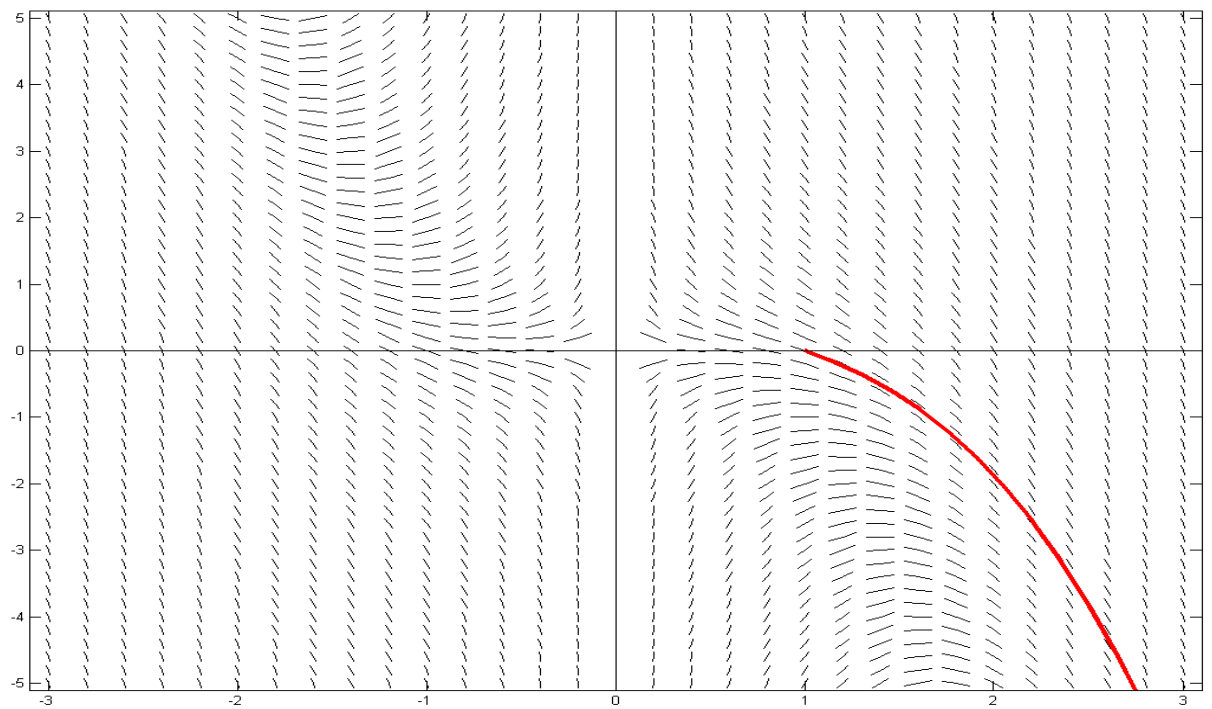
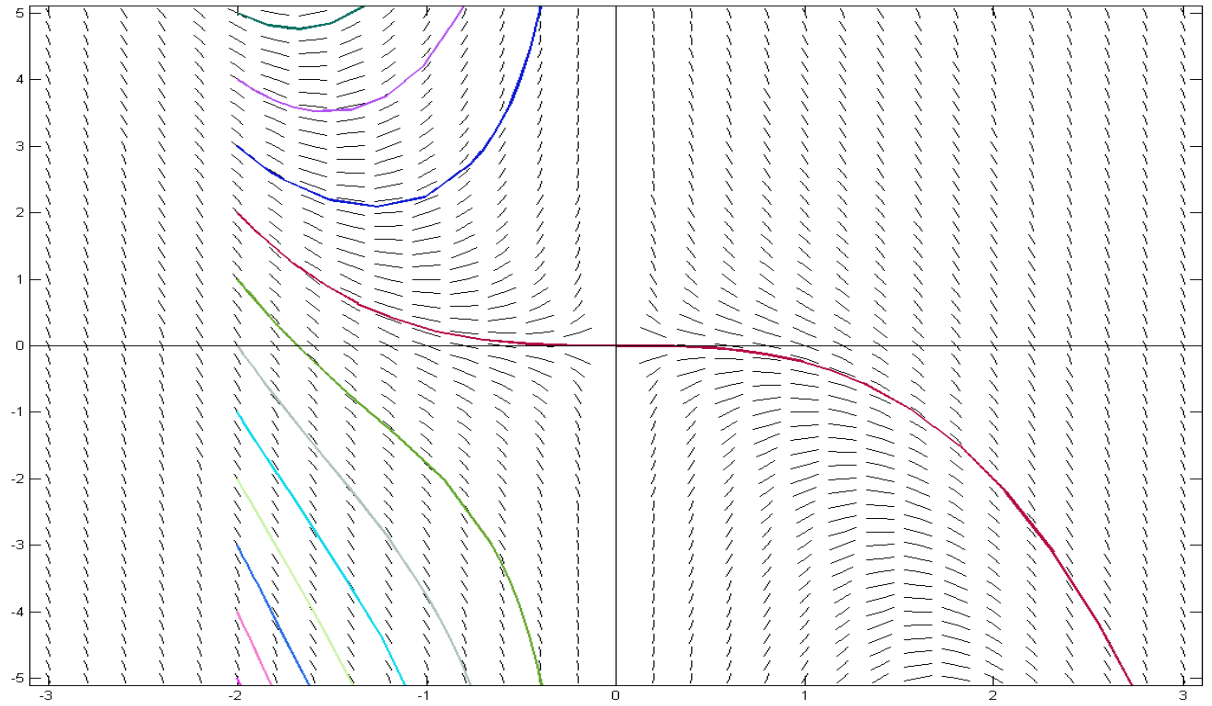
$$y^{\frac{1}{2}} \frac{dy}{dx} + y^{\frac{3}{2}} = 1$$

$$y(0) = 4$$



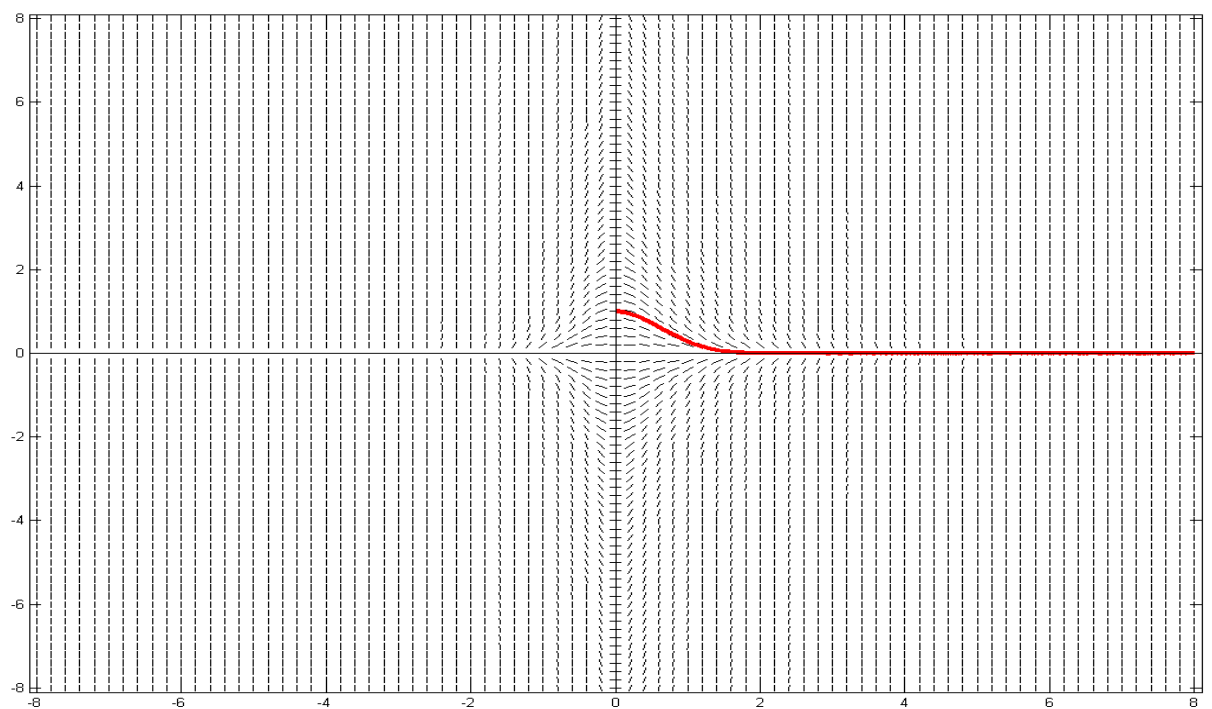
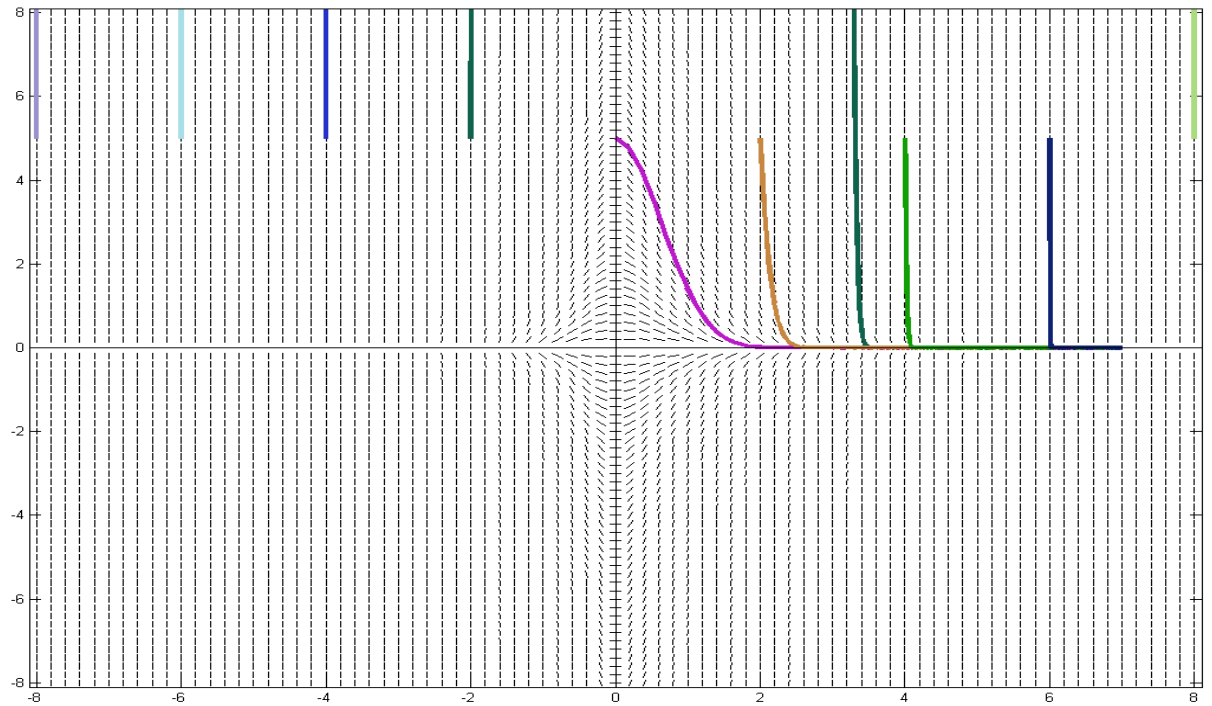
$$(x^3 + y) dx + x dy = 0$$

$$y(1) = 0$$



$$e^{2x} \frac{dy}{dx} = y - ye^{3x}$$

$$y(0) = 1$$



$$\frac{dy}{dx} - \frac{y}{x} = \cosh\left(\frac{y}{x}\right)$$

$$y(1) = 0$$

