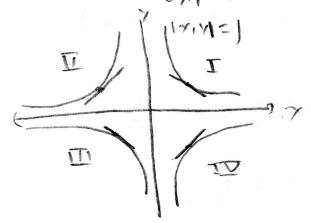
$$\lambda_{1} = 1$$
 $\lambda_{2} = 1$ $\lambda_{3} = 1$ $\lambda_{4} + 1 = 1$ $\lambda_{5} + 1 = 1$ $\lambda_{5} + 1 = 0$ $\lambda_{7} +$

elipse:
$$2 \times + y + x \frac{dy}{dx} + 2y \frac{dy}{dy} = 0 = 0$$

iguales en $(1/1)$, $(-1/-1)$



per em etva [:(-1,1), t]:(-1,-1), IV:(1,-1)

3)
$$16y^{2} - 9x^{2} = 20 =) 16y^{2} + 4y^{2} - 25 = 20$$
, $20y^{2} = 45$ $y^{2} = \frac{45}{20} = \frac{9}{4}$

Falk verber la perperour landed (a=-1)

5)
$$2x - 3y - 3x \frac{dy}{dx} + 2y \frac{dy}{dx} = 0$$
 = $\frac{3y - 2x}{2y - 3x} = 0$ (=) $3y = 2x$ = $\frac{3y - 2x}{2y - 3x} = 0$ (=) $3y = 2x$ = $\frac{3y - 2x}{2y - 3x} = 0$ (=) $3y = 2x$ = $\frac{3y - 2x}{2y - 3x} = 0$ (=) $\frac{3y - 2x$

$$ton(6) = \frac{y^2}{100}$$
 => $sec^2(6) \frac{d6}{dt} = \frac{y}{8} \frac{dy}{dt}$
 $= \frac{3}{2}e^{-10}\frac{d6}{dt} | \frac{1}{8} \cdot 600 = 12 \text{ y} |_{t=1}$
 $\frac{d6}{dt} |_{t=1} = \frac{12 \cdot 600}{5 \cdot 600 \cdot 11}$

$$a^{2} = b^{2} + (^{2} - 2b) (\cos(\alpha)), q = 8 + 36 - 12 \sqrt{8} \frac{5}{2}$$

$$a^{2} = b^{2} + (^{2} - 2b) (\cos(\alpha)), q = 8 + 36 - 12 \sqrt{8} \frac{5}{2}$$

$$20 da = 2b db z^{2} dx^{2} (dx^{2}) (d$$

sustitut y te da el valor.