ÍNICAS (emociones)

· Ciralo:

$$(x-x_0)^2 + (y-y_0)^2 = V^2$$

· Elipse: (eje mayor horizotal)

$$\frac{\left(x-x_0\right)^2}{a^2} + \frac{\left(y-y_0\right)^2}{b^2} = 1$$

· Porábola: (verticol)

Hipérbola: (eje transversd, y)

$$\frac{\left(x-x_0\right)^2}{a^2} - \frac{\left(y-y_0\right)^2}{6^2} = 1$$

(uadricos (ecuaciones)

· Elipsoide:

$$\frac{x^2}{a^2} + \frac{y^2}{b^2} + \frac{z^2}{c^2} = 1$$

· Hiperboloide de una hoja (eje x):

$$-\frac{x^2}{a^2} + \frac{y^2}{b^2} + \frac{z^2}{c^2} = 1$$

· Hiperboloide de dos hojos (eje 2):

$$\frac{x^2}{a^2} + \frac{y^2}{b^2} - \frac{z^2}{c^2} = -1$$

· Cono (gie 2):

$$\frac{x^2}{a^2} + \frac{y^2}{b^2} = 2^2$$

· Paraboloide elíptico (eje 2):

$$\frac{x^2}{a^2} + \frac{y^2}{b^2} = 2$$

· Postoloide hiperbolico (eje 2):

$$\frac{x^2}{a^2} - \frac{y^2}{b^2} = 2$$

(Y , Donard y

Cilindro elíptico (eje 2)
$$\frac{\chi^2}{a^2} + \frac{\chi^2}{b^2} = 1$$

$$\frac{x^2}{a^2} + \frac{y^2}{b^2} = 1$$

o Cilindro hiperbolico: (gie 2)

$$\frac{\chi^2}{a^2} - \frac{\chi^2}{b^2} = 1$$

· Cilindro parabólico: (eje 2)

$$\chi^2 \cdot p = y$$