

$$\begin{aligned}\text{Caso 1: } F(x,y) &= 0 + 0 + x^2 \\ &\quad + 0 + 0 \\ &\quad + 0\end{aligned}$$

$$\begin{aligned}\text{Caso 2: } F(x,y) &= 0 + 0 + 0 \\ &\quad + 0 + 0 \\ &\quad + y^2\end{aligned}$$

$$\text{Caso 3: } F(x,y) = (y - 2x)^2$$

$$\text{Caso 4: } F(x,y) = (y + x)^2$$

NOS CASOS 3 E 4 DESCUBRA
 QUAL É A RETA DE \mathbb{R}^2
 NA QUAL TEMOS $F(x,y) = 0$.