$\left[\frac{x^2}{3} + y^2 = 19\right]$ 

1º PARCIA Z

1) 
$$Dh_{(2)} = Df_{(2)}$$
,  $Df_{(2)} = \frac{4}{4}$ ,  $\frac{1}{4} = \frac{1}{4}$  =  $\frac{1}{4}$  =  $\frac{1}{4$ 

2 T1) Sh 
$$y = ax^{2}$$
  $x \to 0$ ,  $y \to 0$ 

Let  $f(x, ax^{2}) = \frac{a^{2}x^{4}}{x^{4} + a^{2}x^{4}} = \frac{a^{2}}{1 + a^{2}} \Rightarrow f(x, y) = (0, 0)$ 

VERDADERO

They  $V = (V_{x}, V_{y})$ 
 $\int_{V}^{1} (0, 0) = \int_{V}^{1} \int_{V}^{1} (0, 0) = \int_{V}^{1} \int_{V}^{1} (0, 0) = \int_{V}^{1} \int_$