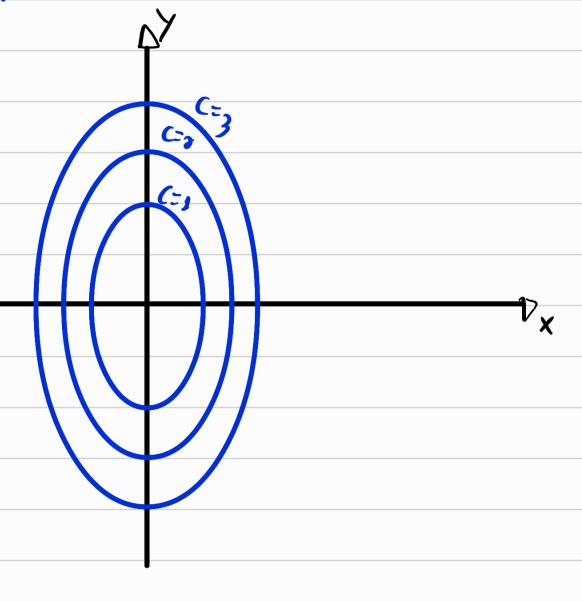
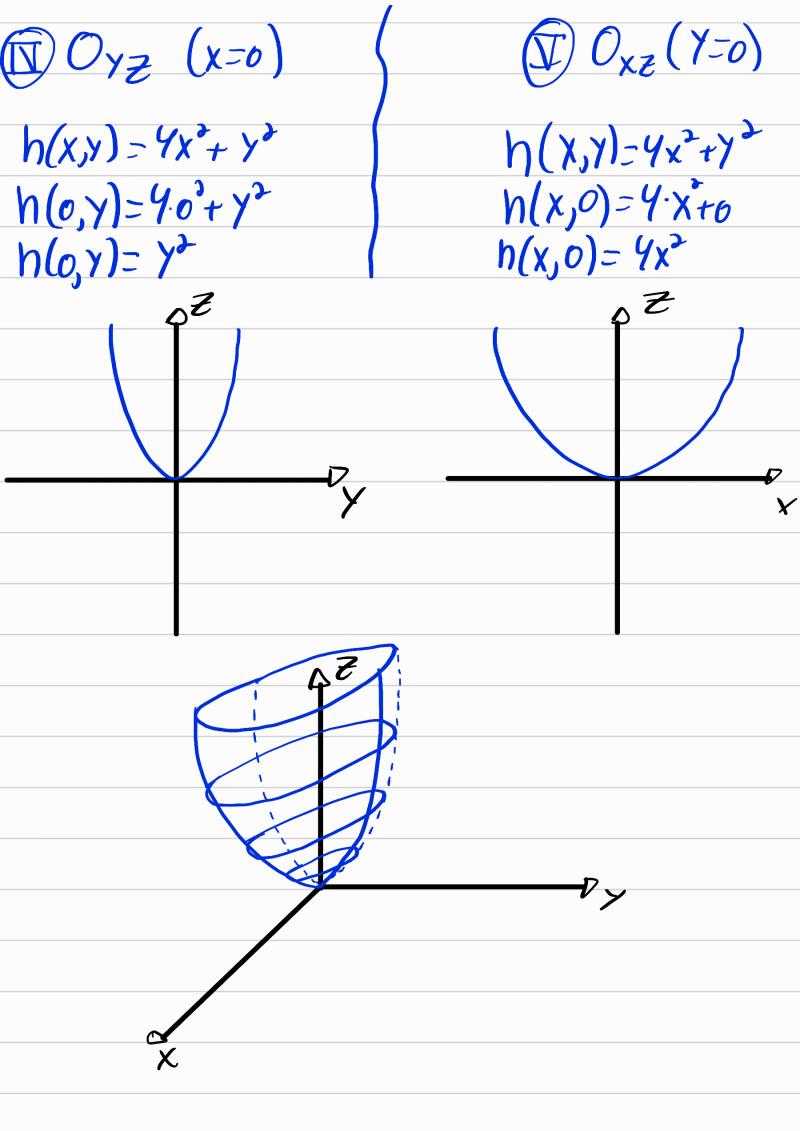
EXERCÍCIO: X (2) h) Z= e^y $X:(-\infty,+\infty)$ $Y: (-00,0), (0,+\infty)$ (I) Dom (f): 1R* O DOMÍNIO E TODO R2 EXCETO O ZERO, Pois ((Os+00) Y NÃO ESTÁ DEFINION EM D={(x,y)-0R; x >0, y+0} Y CURVAS DE NÍVEL E O GRÁFICO DAS a) h(x,y)=4x+y (h): 1R2 (Dom (h): (-00,+00)

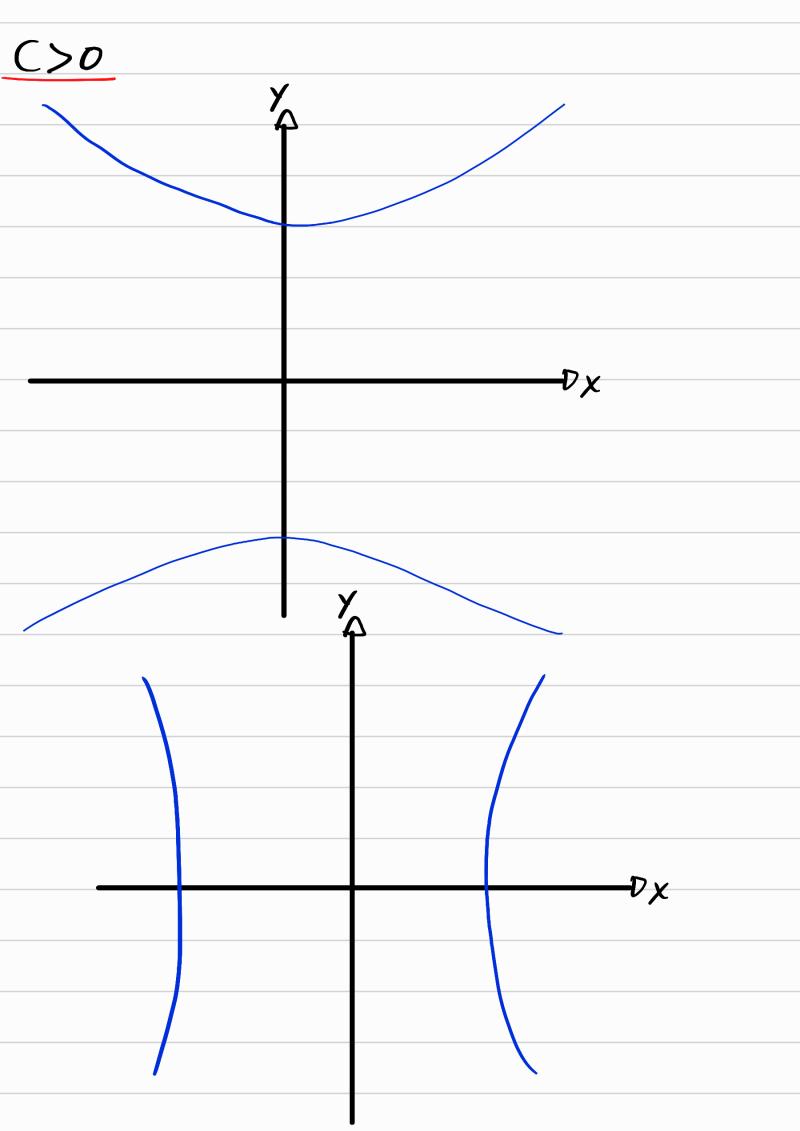
$$4x^{2}+y^{2}=C$$





$$b)f(x,y)=y^2-x^2$$

$$\sum_{t=0}^{\infty} (x^{2} + c)$$



$$f(x,y) = y^2 - x^2$$

$$f(x,0) = 0 - x^2$$
$$= -x^2 \le 0$$

