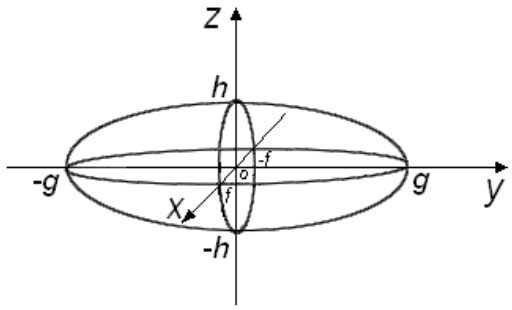
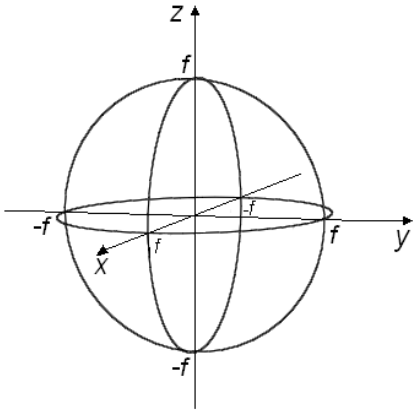
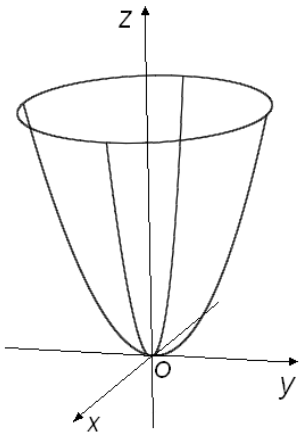
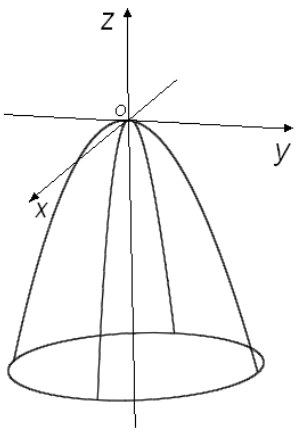
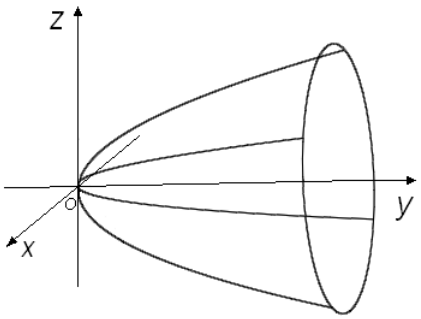
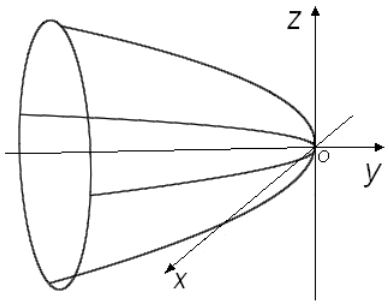
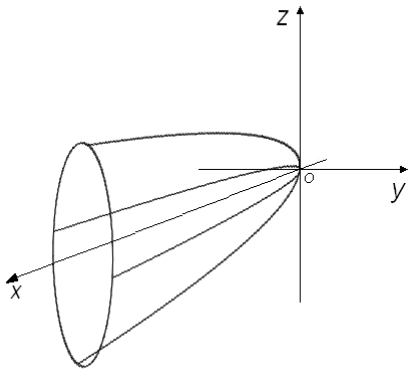
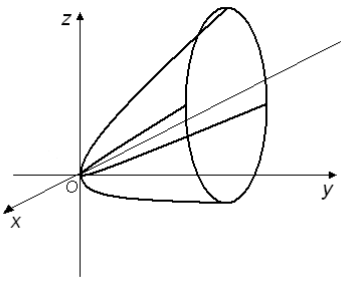
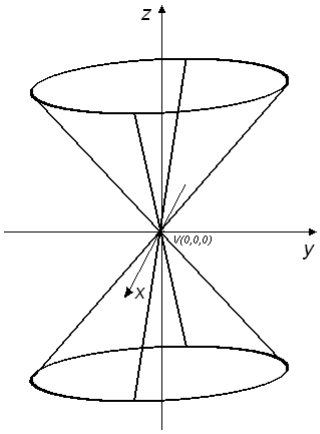
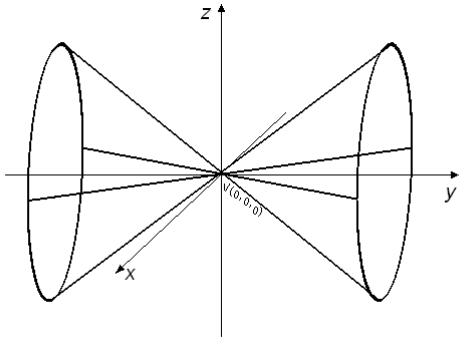
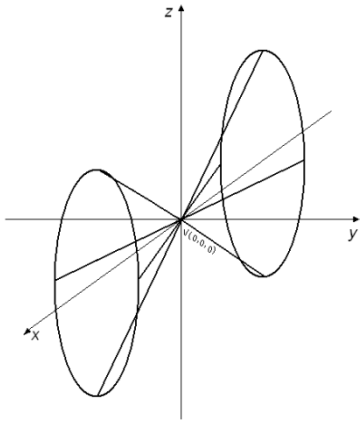
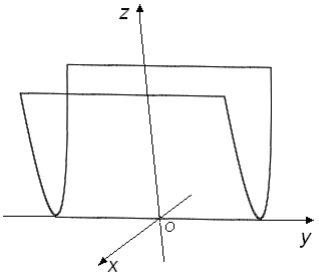
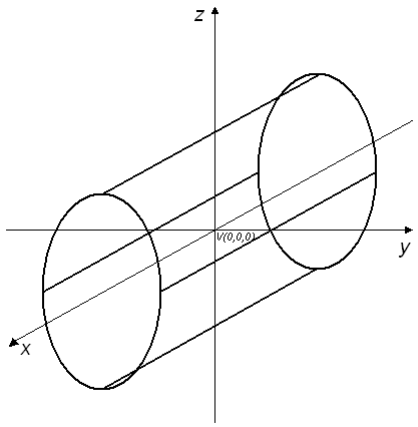
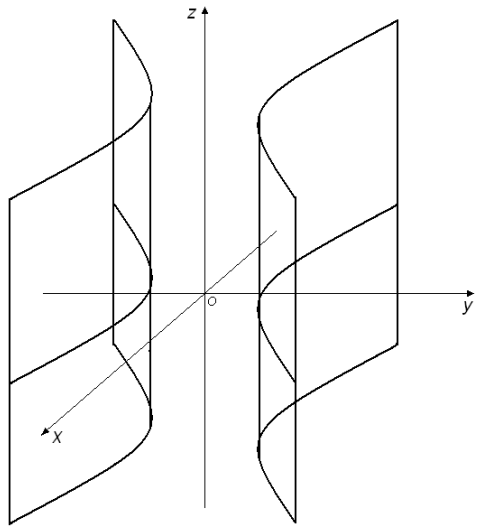
Quadro Resumo de Superfícies

Equação padrão	Superfície	Representação Geométrica
$\frac{x^2}{f^2}+\frac{y^2}{g^2}+\frac{z^2}{h^2}=1$	ELIPSÓIDE	
$\frac{x^2}{f^2}+\frac{y^2}{f^2}+\frac{z^2}{f^2}=1$	ESFERA raio f	
$\frac{x^2}{f^2}+\frac{y^2}{g^2}=hz$ $h>0$	PARABOLÓIDE ELÍPTICO	
$\frac{x^2}{f^2}+\frac{y^2}{g^2}=hz$ $h<0$	PARABOLÓIDE ELÍPTICO	

$\frac{x^2}{f^2}+\frac{z^2}{h^2}=gy$ $g>0$	PARABOLÓIDE ELÍPTICO	
$\frac{x^2}{f^2}+\frac{z^2}{h^2}=gy$ $g<0$	PARABOLÓIDE ELÍPTICO	
$\frac{y^2}{g^2}+\frac{z^2}{h^2}=fx$ $f>0$	PARABOLÓIDE ELÍPTICO	
$\frac{y^2}{g^2}+\frac{z^2}{h^2}=fx$ $f<0$	PARABOLÓIDE ELÍPTICO	

$\frac{x^2}{f^2}+\frac{y^2}{g^2}-\frac{z^2}{h^2}=0$	CONE Vértice $V(0,0,0)$	
$\frac{x^2}{f^2}-\frac{y^2}{g^2}+\frac{z^2}{h^2}=0$	CONE Vértice $V(0,0,0)$	
$-\frac{x^2}{f^2}+\frac{y^2}{g^2}+\frac{z^2}{h^2}=0$	CONE Vértice $V(0,0,0)$	
$x^2=z$	CILINDRO PARABÓLICO Paralelo ao eixo Oy y é livre	

$\frac{y^2}{g^2}+\frac{z^2}{h^2}=1$	CILINDRO ELÍPTICO Paralelo ao eixo Ox x é livre	
$\frac{y^2}{g^2}-\frac{x^2}{f^2}=1$	CILINDRO HIPERBÓLICO Paralelo ao eixo Oz z é livre	

1,6 figuras