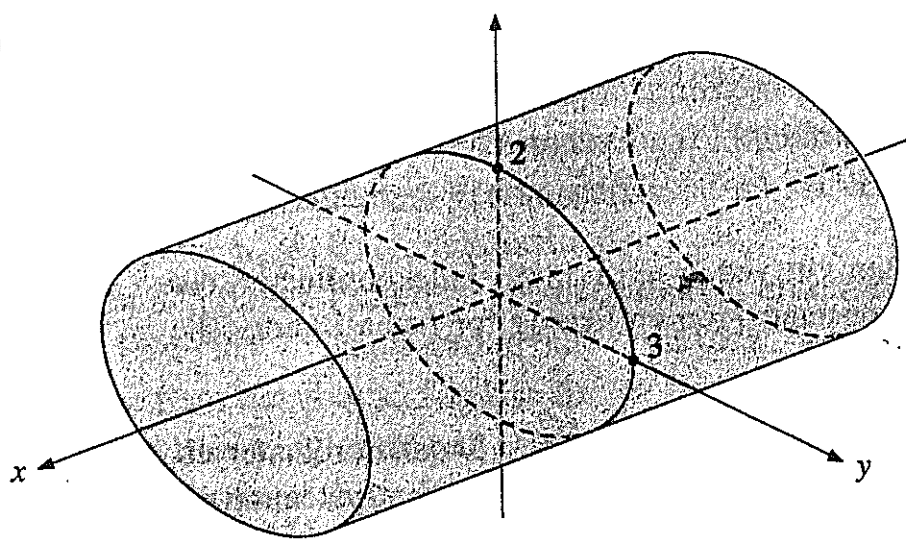
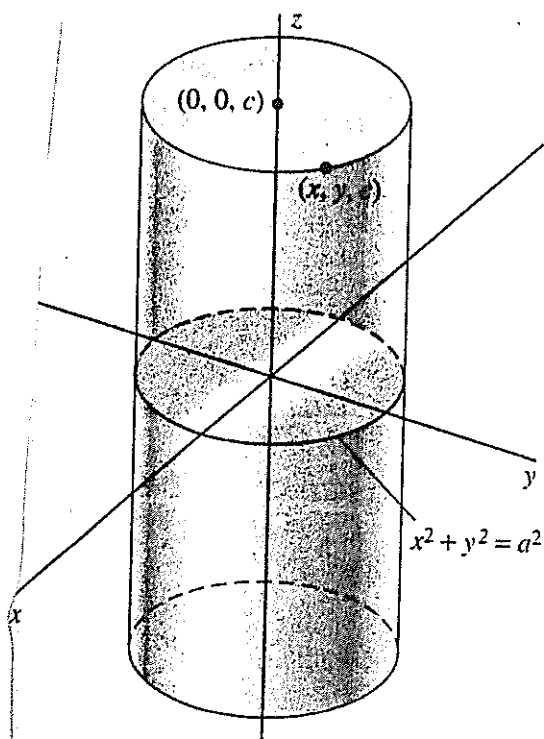


$$z = \sin y$$

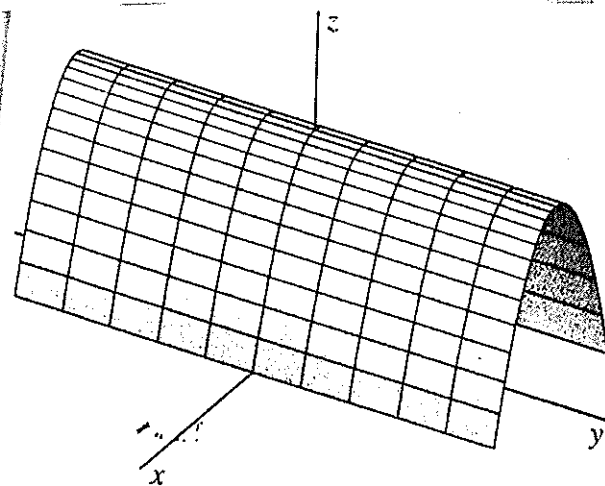
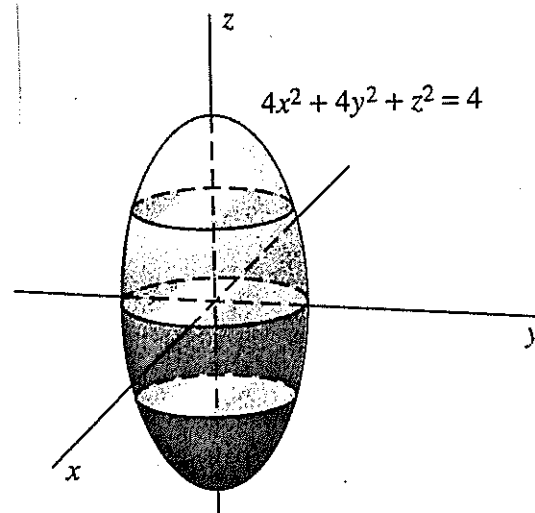
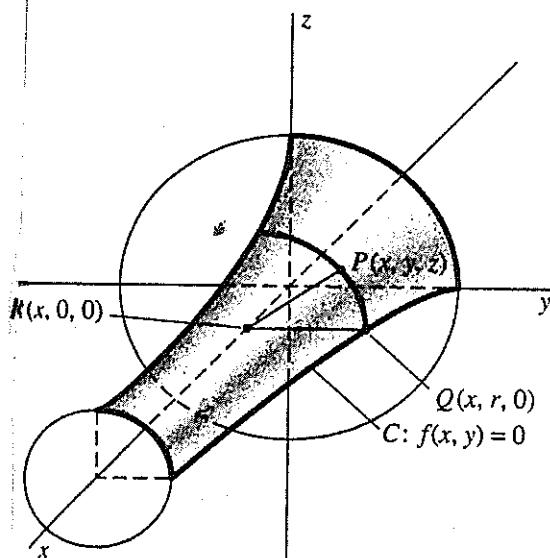


FIGURE 12.7.8 The parabolic cylinder $z = 4 - x^2$ (Example 5).



Finns likningen för ellipsoiden man får
 ved att rotera ellipsen $4y^2 + z^2 = 4$ om
 z -aksen.

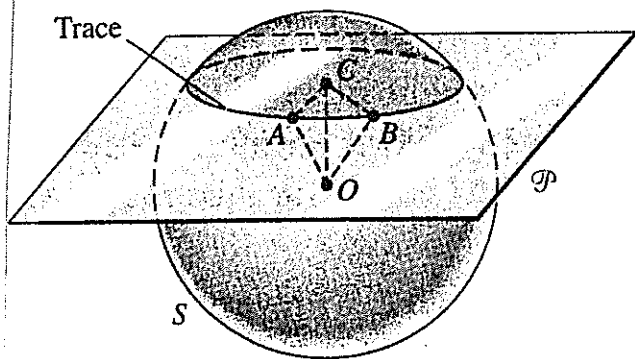


FIGURE 12.7.1 The intersection of the sphere S and the plane P is a circle.

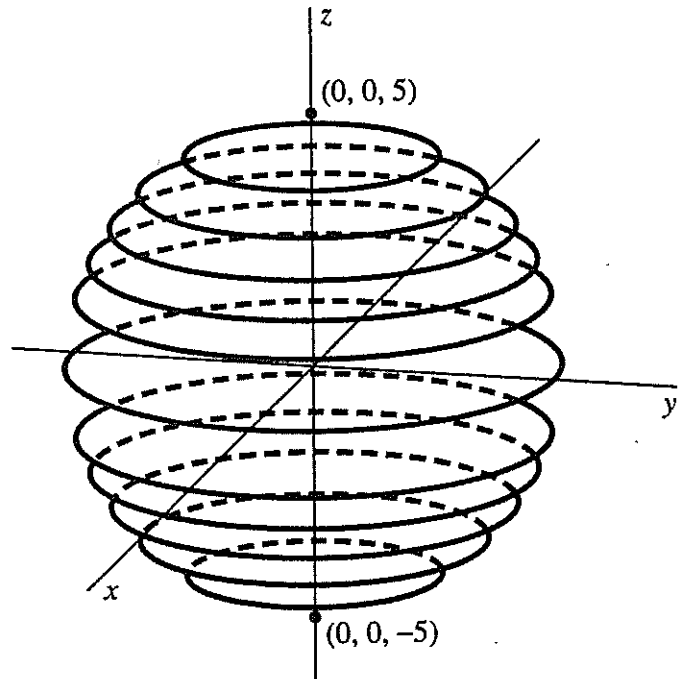


FIGURE 12.7.2 A sphere as a union of circles (and two points).

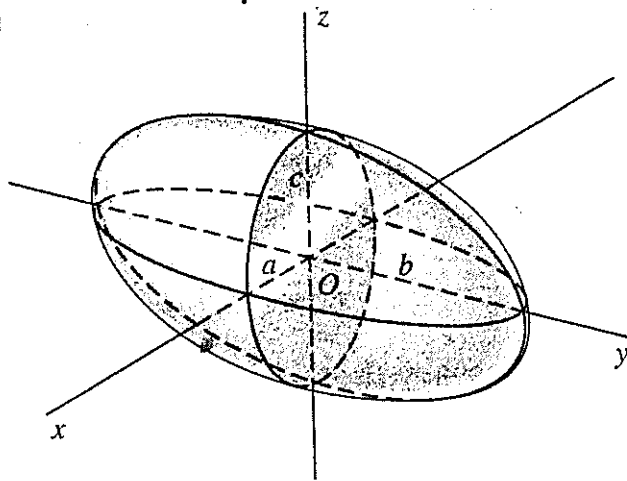


FIGURE 12.7.12 The ellipsoid of Example 8.

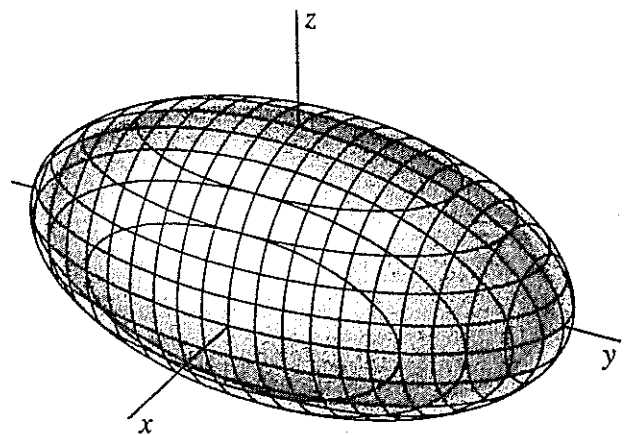
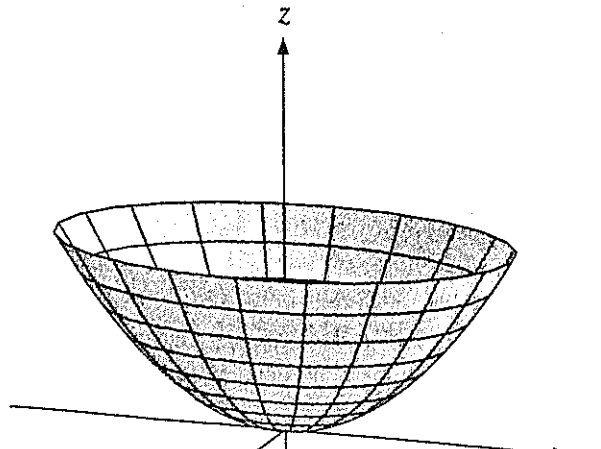
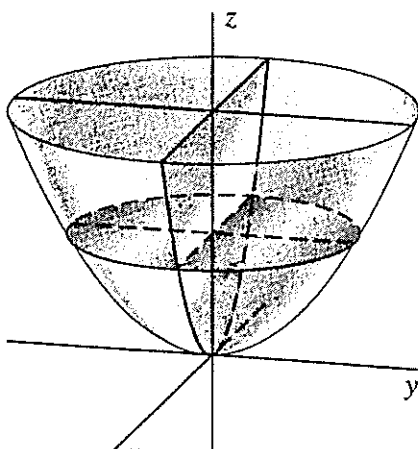
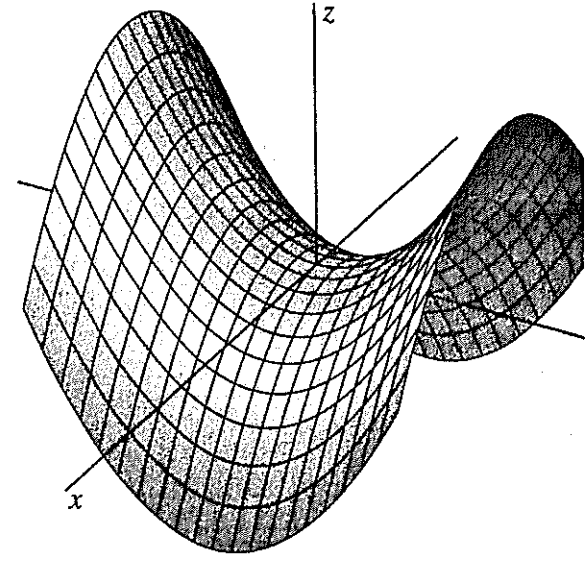
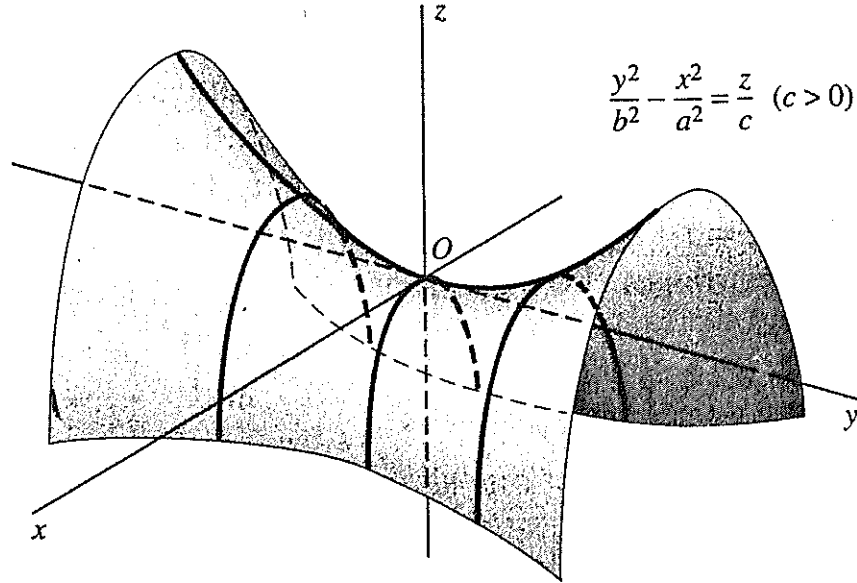
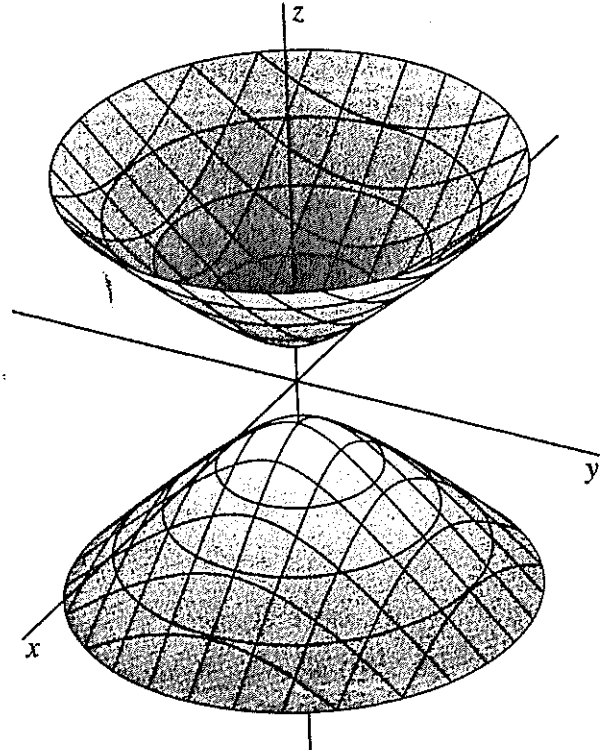
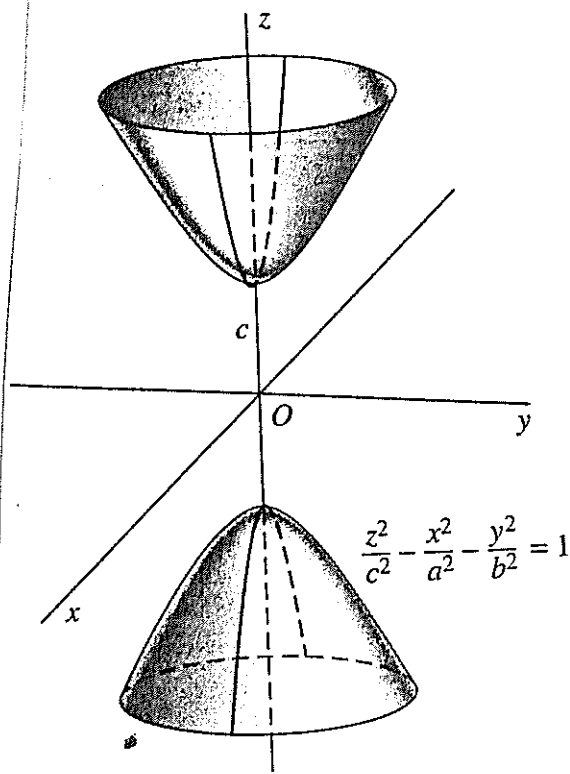
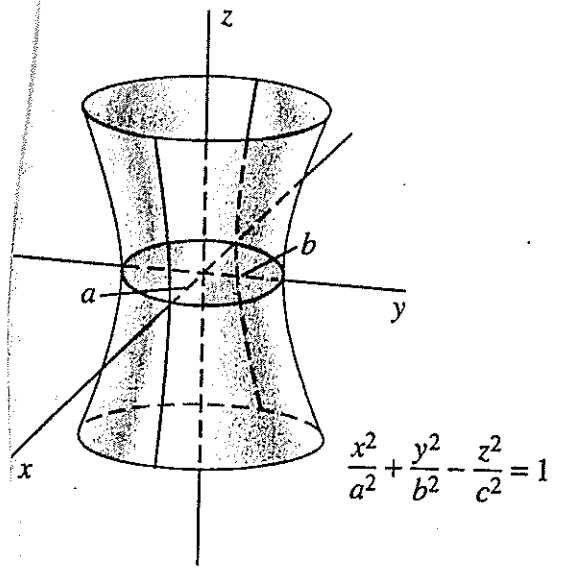
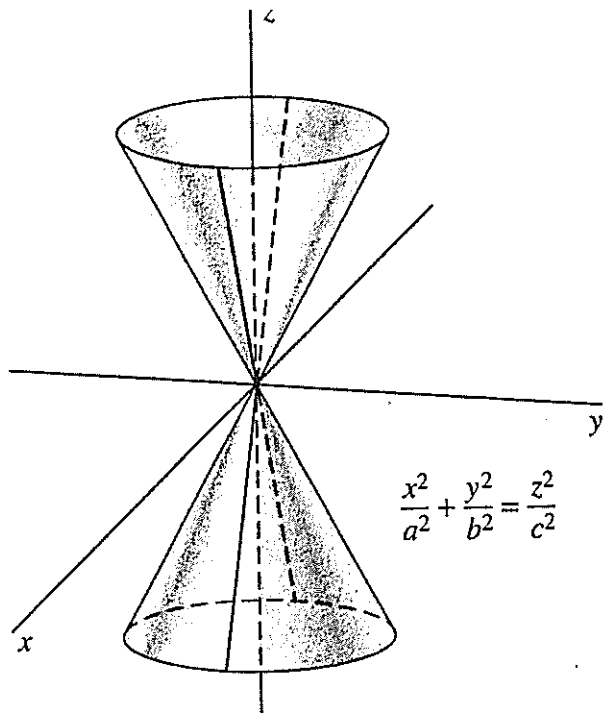


FIGURE 12.7.13 The traces of the ellipsoid $\frac{x^2}{a^2} + \frac{y^2}{b^2} + \frac{z^2}{c^2}$ (Example 8).





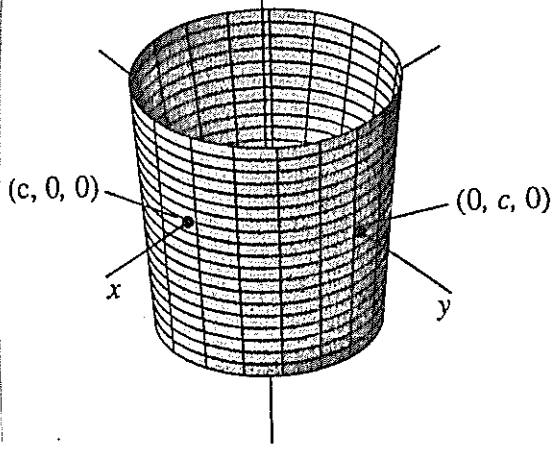
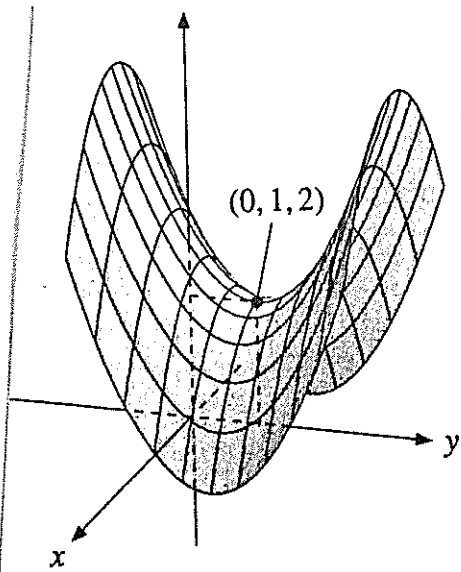


FIGURE 12.8.3 The cylinder $r = c$.

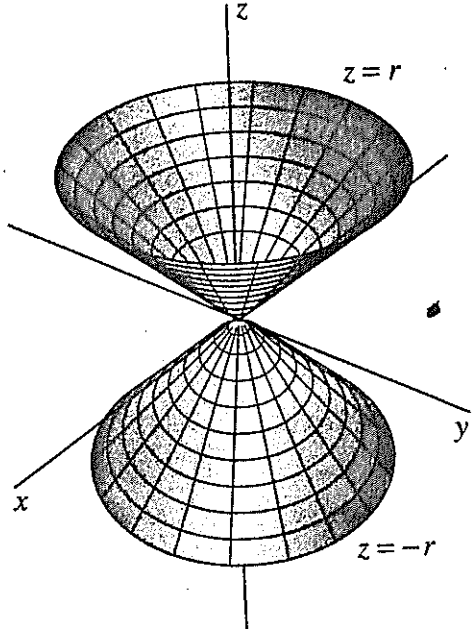


FIGURE 12.8.4 The cone $z^2 = r^2$.

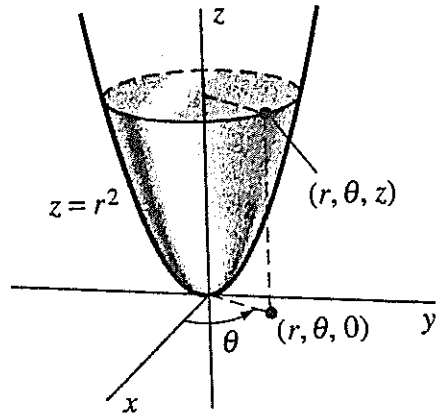


FIGURE 12.8.5 The paraboloid $z = r^2$.

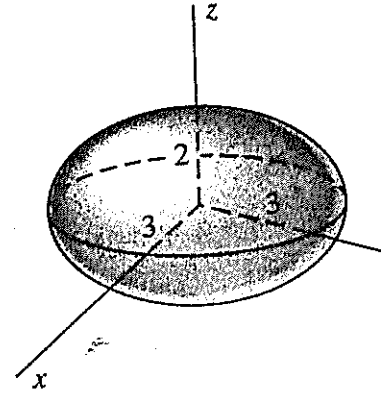
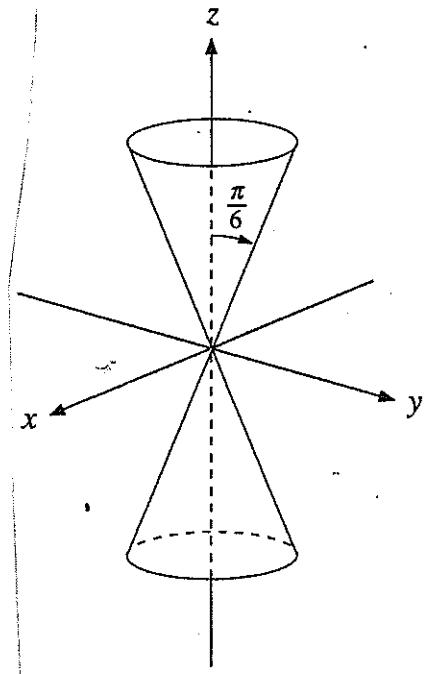
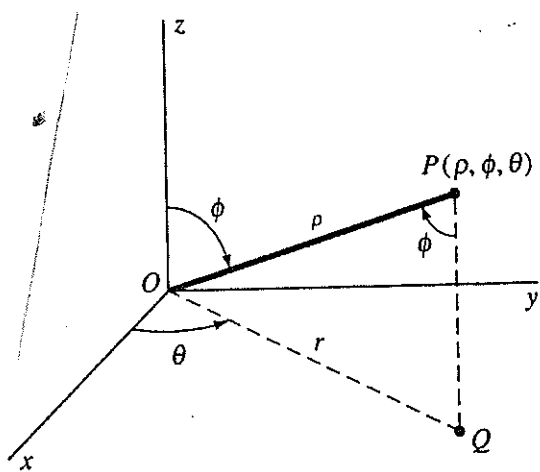


FIGURE 12.8.6 The ellipsoid $\frac{r^2}{9} + \frac{z^2}{4} = 1$.



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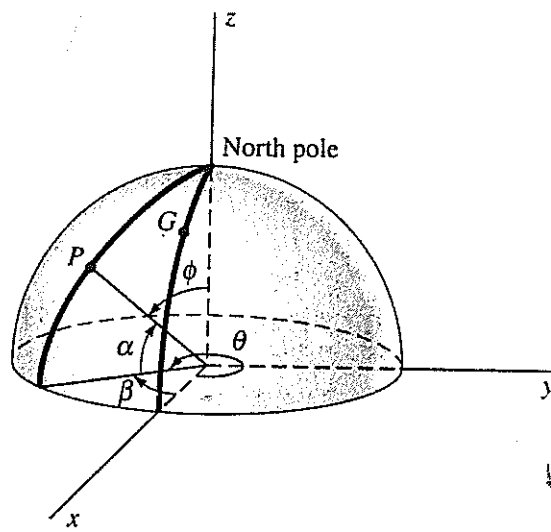


FIGURE 12.8.12 The relations among latitude, longitude, and spherical coordinates.

Finn avstanden (langs jordoverflata) mellom New York og London.

NY : $(40.75^\circ \text{ N}, 74^\circ \text{ W})$

L : $(51.5^\circ \text{ N}, 0^\circ)$

