$z = x^2 + y^2$

z

$z = 2x$
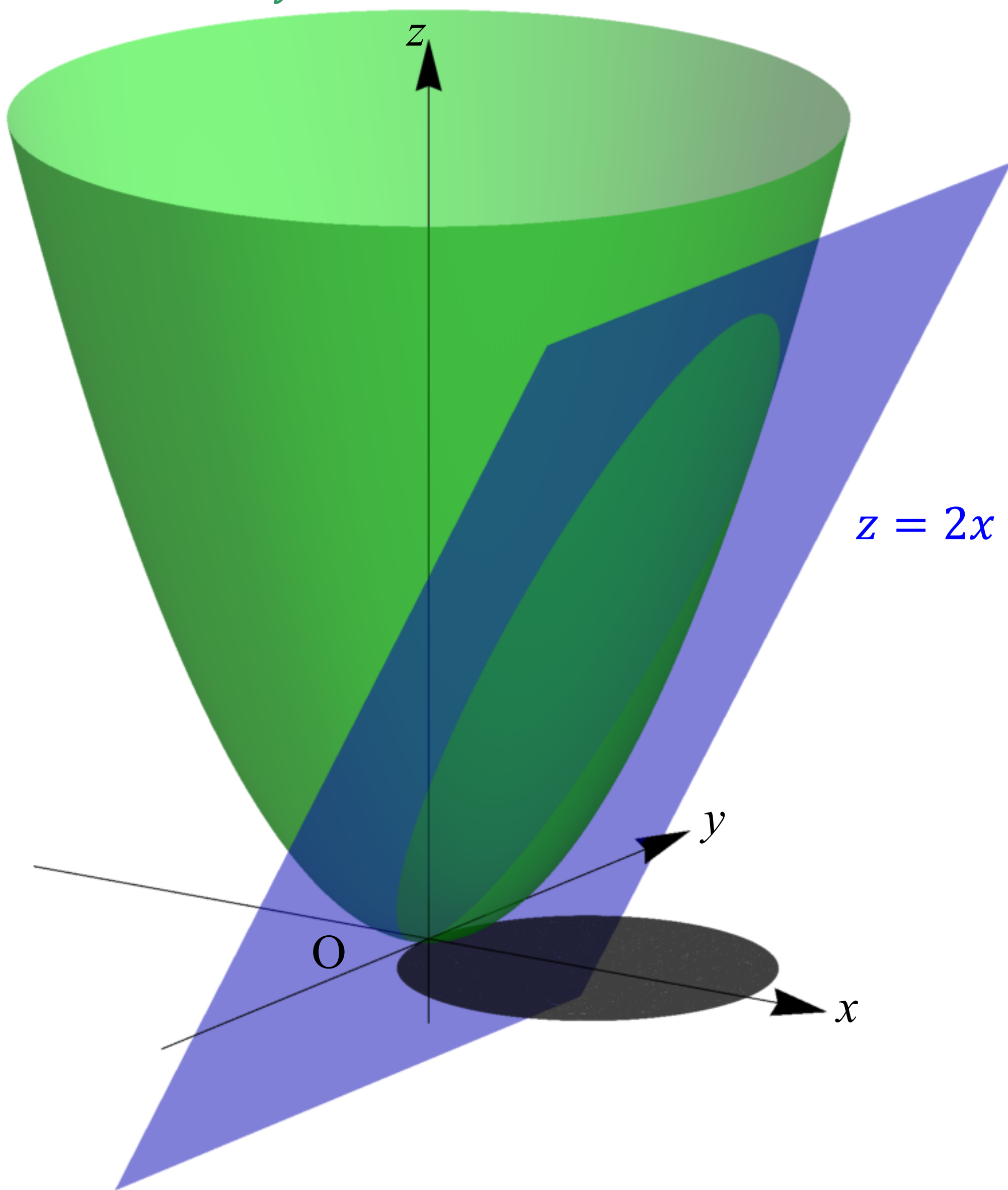
O

y

x