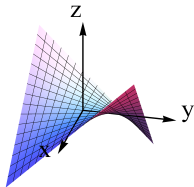


Cylinders and Quadric Surfaces

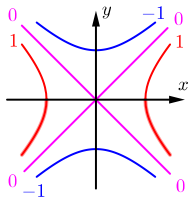


Question

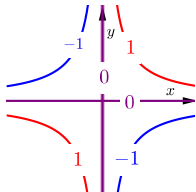
Consider the surface shown at right. Which of the following figures could be the traces of this surface in the planes $z = -1$, $z = 0$, and $z = 1$?



A.



B.



C.

