



## Question

Which of these is *not* a parametrization of a sphere?

$$\text{A. } \begin{cases} x = \cos(\theta) \sin(\phi) \\ y = \sin(\theta) \sin(\phi) \\ z = \cos(\phi) \end{cases}$$

$$\text{B. } \begin{cases} x = \cos(\theta) \cos(\phi) \\ y = \sin(\theta) \cos(\phi) \\ z = \sin(\phi) \end{cases}$$

$$\text{C. } \begin{cases} x = \cos(\phi) \sin(\theta) \\ y = \sin(\phi) \sin(\theta) \\ z = \cos(\theta) \end{cases}$$

$$\text{D. } \begin{cases} x = \cos(\theta) \cos(\phi) \\ y = \sin(\theta) \cos(\phi) \\ z = \cos(\phi) \end{cases}$$