

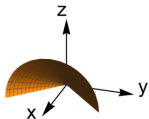
Parametric Surfaces



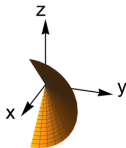
Question

If $x = u, y = u \cos(v), z = u \sin(v)$ with $0 \leq u \leq 1$ and $-\frac{\pi}{2} \leq v \leq \frac{\pi}{2}$, which figure depicts this parametric surface?

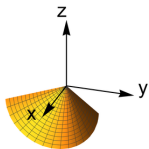
A.



B.



C.



D.

