

Taker Name:

GTID: 90

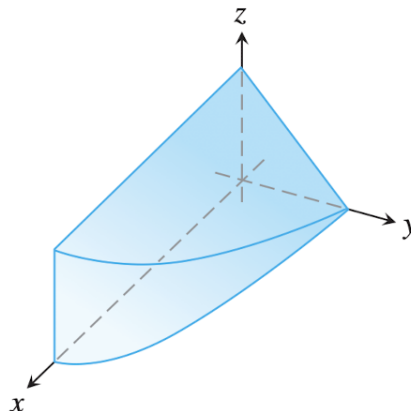
Section:

Grader #1:

GTID: 90

PA#5A - §15.5: Triple integrals in rectangular coordinates

Set up and evaluate a triple iterated integral in cartesian (rectangular) coordinates which computes the volume of the region D . The region D is the region bounded by the coordinate planes, the plane $y + z = 2$, and the cylinder $x = 1 - y^2$. Hint: $dV = dz dx dy$.



A	
J	
N	

G2:

A	
J	
N	

G3:

A	
J	
N	