

Taker Name:

GTID: 903

Section:

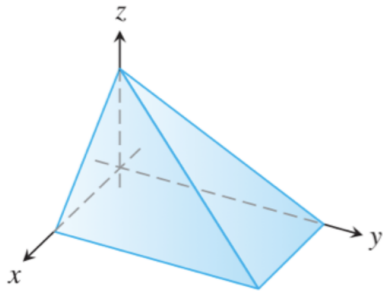
Grader #1:

GTID: 903

§15.5: Triple integrals

Find the volume of the region D by setting up and computing the value of a triple integral, where D is the solid in the first octant bounded by the three coordinate planes and the planes $x+z=2$ and $y+\frac{3}{2}z=3$. *Hint: D is y -simple and x -simple, but NOT z -simple.*

$$\text{Vol} = \iiint_D 1 \, dV$$



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