Taker Name: GTID: 903   Section:
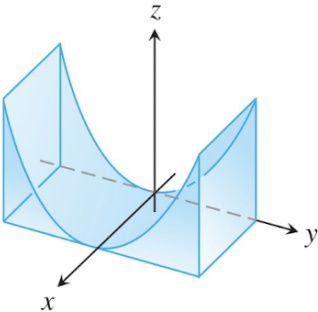
Grader #1:   GTID: 903

§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 with top cap defined by $z = y^2$ and rectangular base R on the xy-plane with $0 \le x \le 2, -3 \le y \le 3$. *Hint: D is z-simple.*

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

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