Math 23B Multivariable Calculus Fall 1999, UCSC Oct 18, 1999

Time: 10min

QUIZ 4

1. Set up the integral for the volume of the region, lying in the quadrant $x \geq 0$, $y \geq 0$, and bounded by the planes x = 0, y = 0, z = 2, and the surface $z = x^2 + y^2$.

The problem is worth 10 points.

 $\text{IAT}_{E^{X}} \qquad \qquad \mathcal{M}\mathcal{G}$