Instructor: Tatsunari Watanabe
TA: Carlos Salinas

Name:_____.

MA 26500   Quiz 5

July 5, 2016

1. Consider the subset $S^2 \subset \mathbb{R}^3$ defined by

$$S^2 = \left\{ (x, y, z) \in \mathbb{R}^3 : x^2 + y^2 + z^2 - 1 = 0 \right\}.$$

You may recognize this as the sphere of radius 1 centered at $(0, 0, 0)$.