

Homework 1 Math 143 Sp2020

Problem 1: Review Linear algebra and then give an example of your application using linear algebra method(s) but not in the review problem set.

Problem 2: Express the unit sphere S^2 in \mathbb{R}^3 , $x^2 + y^2 + z^2 = 1$, in at least another two different ways. (Recall in the class, we express the unit circle S^1 in many different ways).