Math178 SU19 Homework 3

Due: Mon, June 3, 2019

Feel free to work with other students, but make sure you write up the homework and code on your own (no copying homework *or* code; no pair programming). Feel free to ask students or instructors for help debugging code or whatever else, though.

Note: You need to create a Github account for submission of the coding part of the homework. Please create a repository on Github to hold all your code and include your Github account username as part of the answer to the coding problems.

1 (**Regular Surface.**) Show that a sphere (S^2) is a regular surface using spherical coordinates.

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2 (**Short Cut 2 of Regular Surface.**) Show Torus (T^2) is a regular surface using short cut 2.