Math 142 - Homework 5
Due Wednesday, May 6th

For this assignment, you will be referring to the paper *A Time-dependent SIR model for COVID-19 with Undetectable Infected Persons* by Chen, Lu, and Liu. A PDF of this paper can be found with the homework assignment on Piazza.

(1) Read and summarize the paper, in no more than 500 words. In your summary, discuss the modeling, results, and conclusions of the paper. You may **not** copy or paraphrase the abstract for your summary. You are not required to read or summarize section IV, which is on disease propagation in networks.

(2) Write at least three questions you have after reading this paper.

(3) Write at least three comments/critiques you have after reading this paper.

(4) What aspects of the modeling/analysis in this paper were familiar to you (from this class or others)? What aspects had you never seen before?