

Quiz-8
Math 537 Ordinary Differential Equations
Due 9:00AM Wednesday, November 25, 2020

Student Name: _____ **ID** _____

Goal: Understand three types of solutions within the Lorenz model and two kinds of attractor coexistence within the generalized Lorenz model.

Total points: 20

1: [20 points] Based on the recorded video (a link provided during the lecture), please answer the following questions:

- (a) [10 points] Briefly discuss three types of solutions within the Lorenz model.
- (b) [10 points] Briefly discuss two kinds of attractor coexistence within the generalized Lorenz model.