

Attendance Quiz for Lecture 17 of Dr. Z.'s Dynamical Models in Biology class

Name: (print!)

Email: (print!)

1. Find all the **stable equilibrium points** of the 2D *continuous* dynamical system given by the differential equations

$$\frac{dx}{dt} = 1 - \frac{2x}{1+y} \quad ,$$

$$\frac{dy}{dt} = 1 - \frac{2y}{1+x} \quad .$$