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Xinyao Yang* (xywp8@mail.missouri.edu), 701 S. Providence Road, Apt 1-I, Columbia, MO 65203. *Stability for Perturbations of a Steady State at the One Dimensional Case.*

In this presentation, I will discuss the stability of perturbations of a two-dimensional dynamical system. I will also discuss the convective stability of the solution to the system bounded in time with respect to an exponentially weighted norm. (Received September 02, 2014)