

1099-60-397

Jonathan C Mattingly* (jonm@math.duke.edu), Department of Math, physics building, science drive, Duke University, Durham, NC 27701. *Stabilization by noise.*

I will present some examples of unstable ODES which are stabilized by the addition of noise. The examples will show how a small amount of noise can cause a global change in the behavior of the system. (Received February 11, 2014)