

Meeting: 1003, Atlanta, Georgia, SS 2A, AMS-MAA-MER Special Session on Mathematics and Education Reform, I

1003-97-280 **Robert L. Devaney*** (bob@bu.edu), Math Dept., Boston University, Boston, MA 02129. *Chaos in the Classroom: Exciting Students about Mathematics.*

We give several examples of how ideas from chaotic dynamics may be used in classes such as calculus and differential equations (and even in pre-calculus and HS algebra classes) to show students that all is not known in mathematics. (Received September 07, 2004)