

F'02 PHY307/607 Homework #1

Read the Preface and through p. 23 (up to the section with the poem “For want of...”) of Chaos.

Please turn in original written responses to the following by the beginning of class on Aug. 29:

1. Where is Mitchell Feigenbaum now and what does he do? (Try a search engine, such as google.com – also try adding the word “conformal” to your search.)
2. Discuss the butterfly effect in about half to a full page. (Besides the book, feel free to look at the web, but write up your own thoughts in your own words.) What are the implications of this principle? What questions do you have?