

Physics 3101, Modern Physics, Spring 2006

PROBLEM SET #1

DUE WEDNESDAY, JANUARY 18

From Tipler and Llewellyn, Chapter 1

Problems: 1-15, 1-26, 1-28, 1-30, 1-43 (Each problem is worth 1 point)

Bonus Problem: 1-54 (1 extra point)

Optional Problems (not graded, but solution key is provided): 1-11*, 1-20, 1-45

*feel free to use a program to compute and generate the graph (e.g., Excel, Matlab, Maple, Mathematica, Origin)