PHY 480

Homework 2 Analysis

b) See hw2_plot for the plots (1:2 is Simpson's rule and 1:3 is Miline's rule) The slope for Simpson's rule is -4.2 (exact is -4.0) while the slope for Miline's rule is -5. One should use $10^{1.5}$ points for Simpson's rule and 10^{2} for Miline's rule. These numbers are the lowest point of the linear part of the plot.