

HOMEWORK 8
(50 POINTS)

Exercise 7: Residual analysis -- pages 129 and 130

Plot a second order polynomial to the data shown in figure 7.10 (as shown to you in class). Use the trendline equation method to obtain the coefficients of the polynomial. Obtain the R^2 value. Plot the residuals and comment on them. Compare them with the residuals in Figure 7.10.

P.S. Residual = fitted value – y value(actual)