

Homework #3: Regression (advanced)

- (1) Compare Piecewise Linear and Moving Least Squares Regressions using Apple stock data shown in Fig.3.21.
 - Piecewise Linear Regression: effect of number of common points, what is best?
 - Moving Least Squares Regression: effect of weighting functions
- (2) The data represents measurements of a projectile with different noise levels. Find a best fit curve to these data sets.
 - Data 2: consider outliers, compare various regression models

