

Homework 1 (Due Sept 17)

1. Please turn in answers to question in Notebook 1 completed and answered.
2. Redraw Figure 4 when the model class we are fitting with contains the true model for the cases:
 - (a) where there is “high” noise
 - (b) where there is “low” noise
3. Redraw Figure 5 if we increase the number of data points for the cases:
 - (a) the case where the our model class contains the true model
 - (b) the case where our model class does not contain the true model:
4. Redraw Figure 6 when the number of points is increased for the cases:
 - (a) the case where the our model class contains the true model
 - (b) the case where our model class does not contain the true model: