1 Spring 2016: Problem 2

2.1) $\hat{\theta} = 0$.

Explanation: We are applying infinite regularization, so all we care about is that $\|\hat{\theta}\|$ is as small as possible. **Explanation**:

2.2) You only need to have the right shape of your plot.

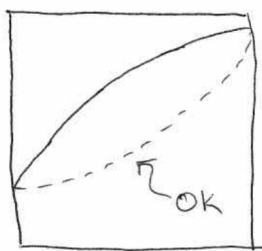**Explanation**: Training error is smallest when $\lambda = 0$ and increases with λ.

Figure 1: Problem 2.2