Homework #3

Monday, March 1, 2021 10:49 PM

$$C_{i}^{2} = \overline{X}^{\dagger} \overline{x} - x_{i} x_{i}^{\dagger} + Q$$

$$C_{i}^{2} = (\overline{X}^{\dagger} \overline{X} + Q) - x_{i} x_{i}^{\dagger}$$

$$C_{i}^{2} = (\overline{X}^{\dagger} \overline{X} + Q) - x_{i} x_{i}^{\dagger}$$

$$C_{i}^{2} = (\overline{X}^{\dagger} \overline{X} + Q) - x_{i} x_{i}^{\dagger}$$

$$d = \chi^{\dagger} y$$

$$di = \chi^{\dagger} y - \chi_{i} y_{i}$$

$$di = d - \chi_{i} \chi_{i}$$

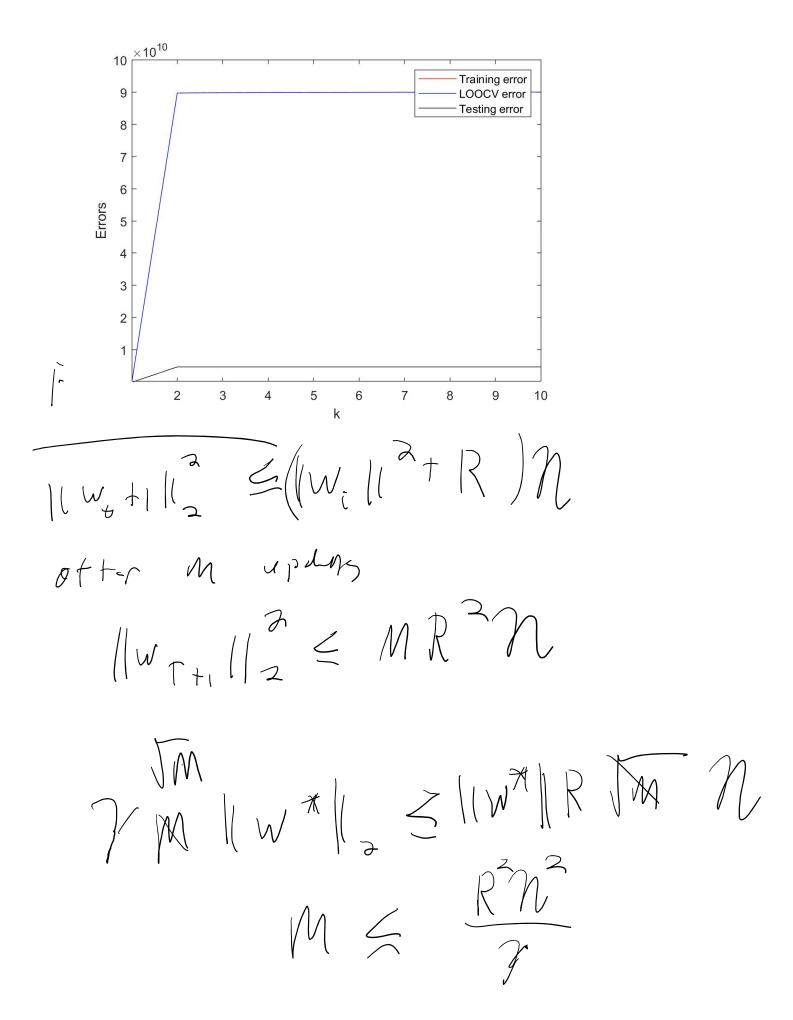
(omportanted than the naive Loucu the since instead of estimating the Model of dimension)

Model of times with a dimension,

It is estimated at the end

Pablem 3,2

b) This makes serse the duta is understeed when we have too many farameters, we was now to devant the number of parameters to devant the course the number of the crowlor increase the number of sumples



The weray error Slowly devenue by the west solveron by the west solveron error is much more volatile