## SOLUTIONS EXERCISE LECTURE 4 - LINGAR REGRESSION

model: YK=aXK+b

· estimate optimal values of a and is according to the dissen model and the data collected during the experiment

-> given all the evers between the diservations and the output of the model:

minimite 
$$V = \sum_{i=1}^{4} e_i^2 : \min_{a,b} V$$