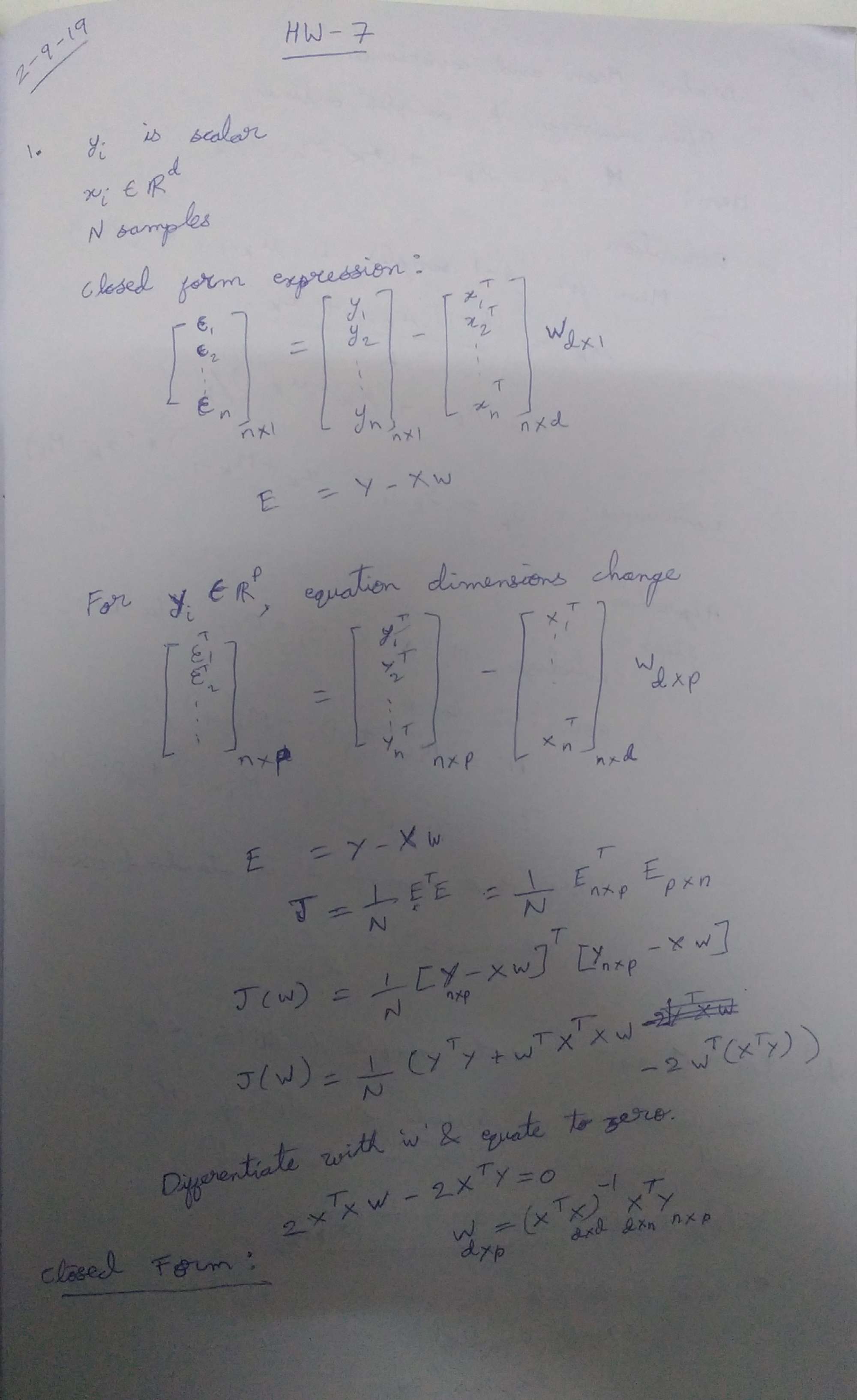
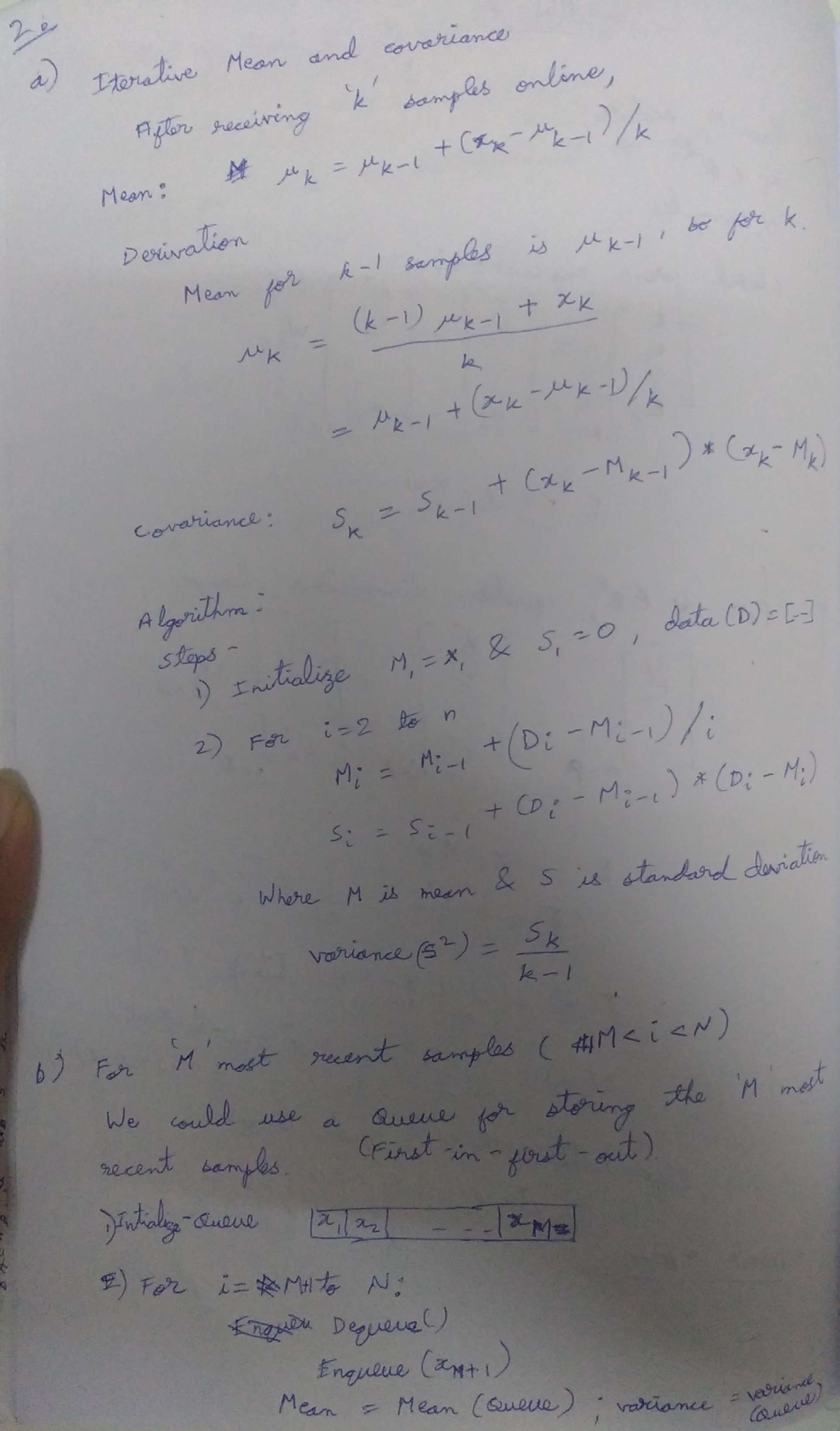
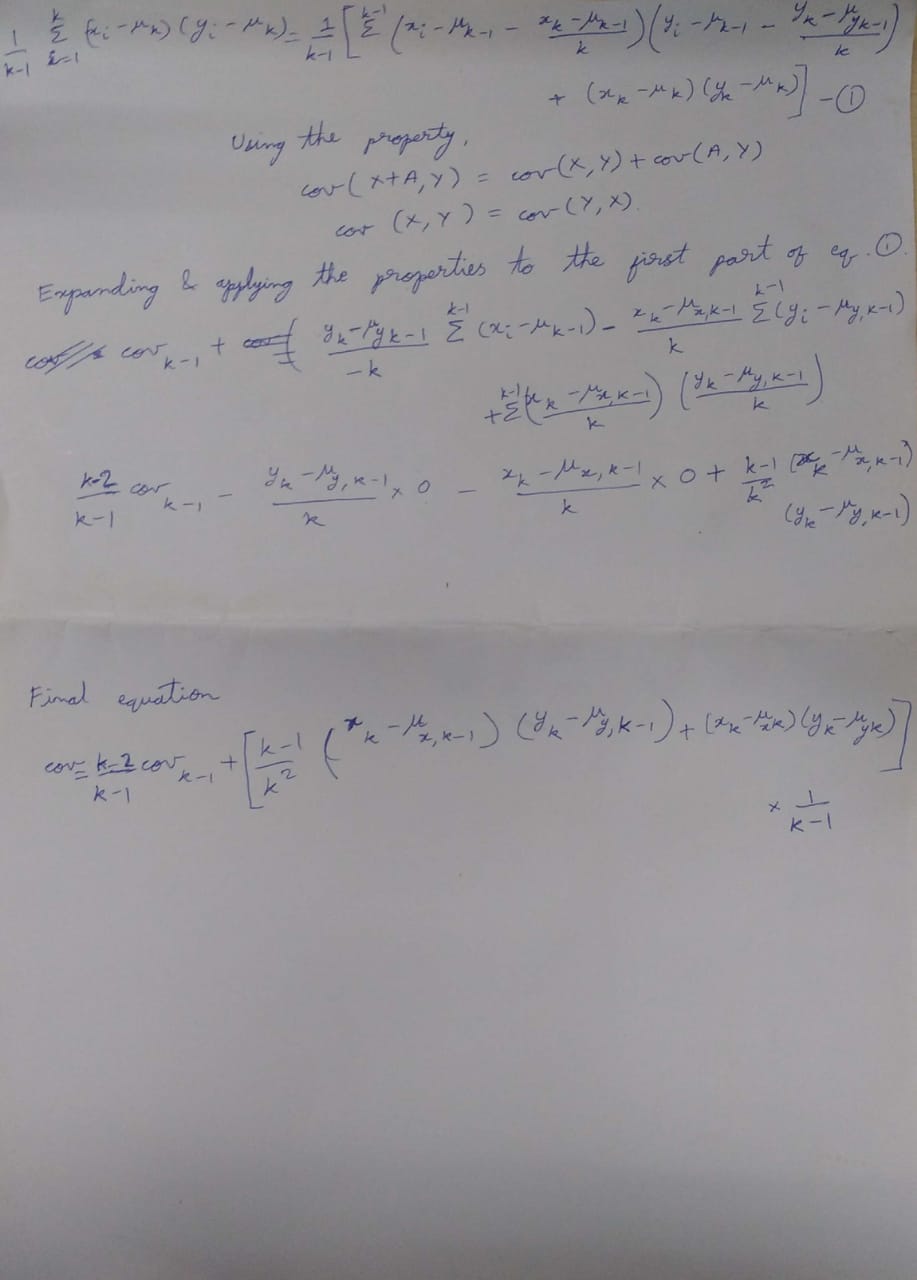
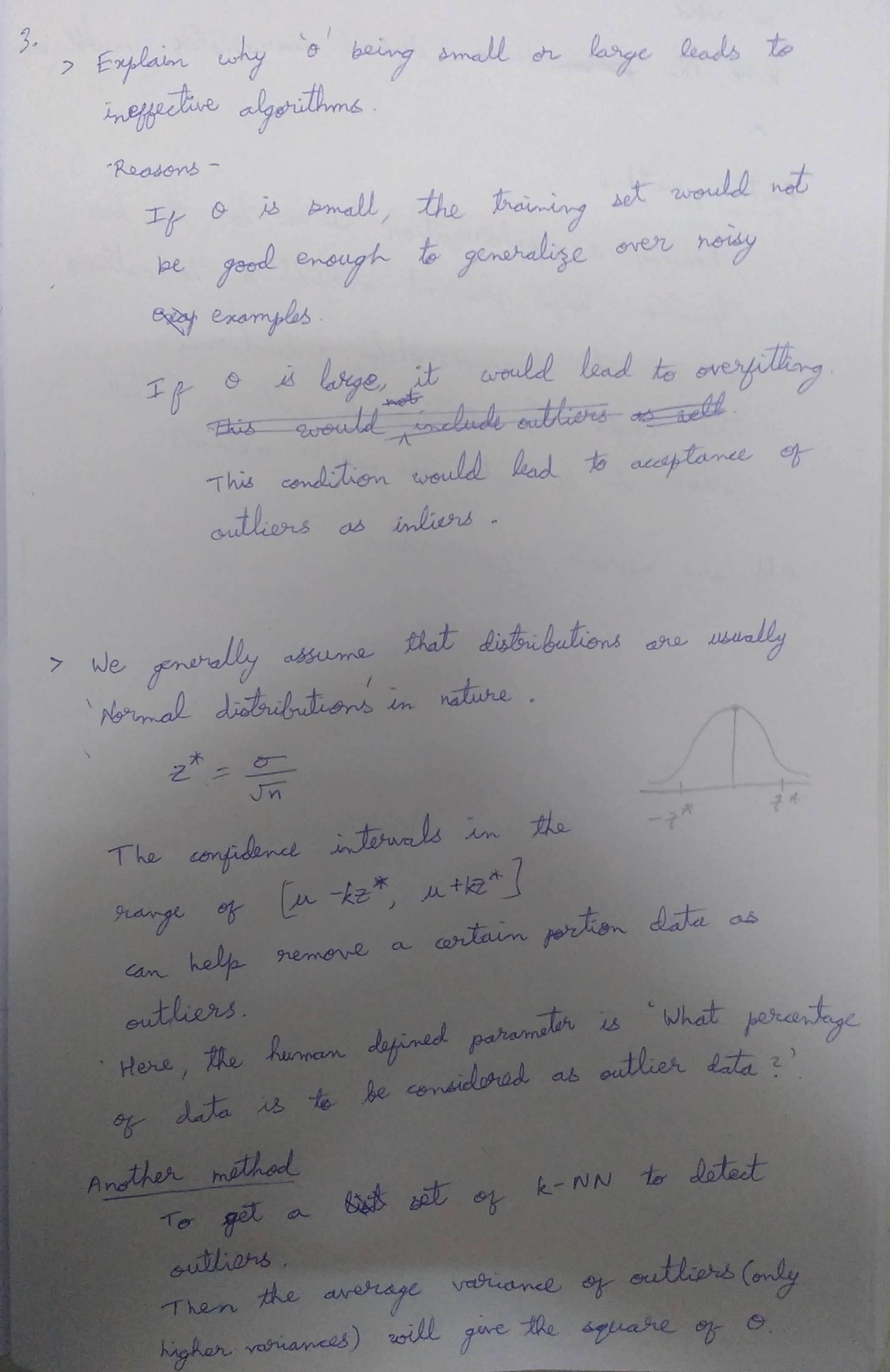
**Answer 1** :

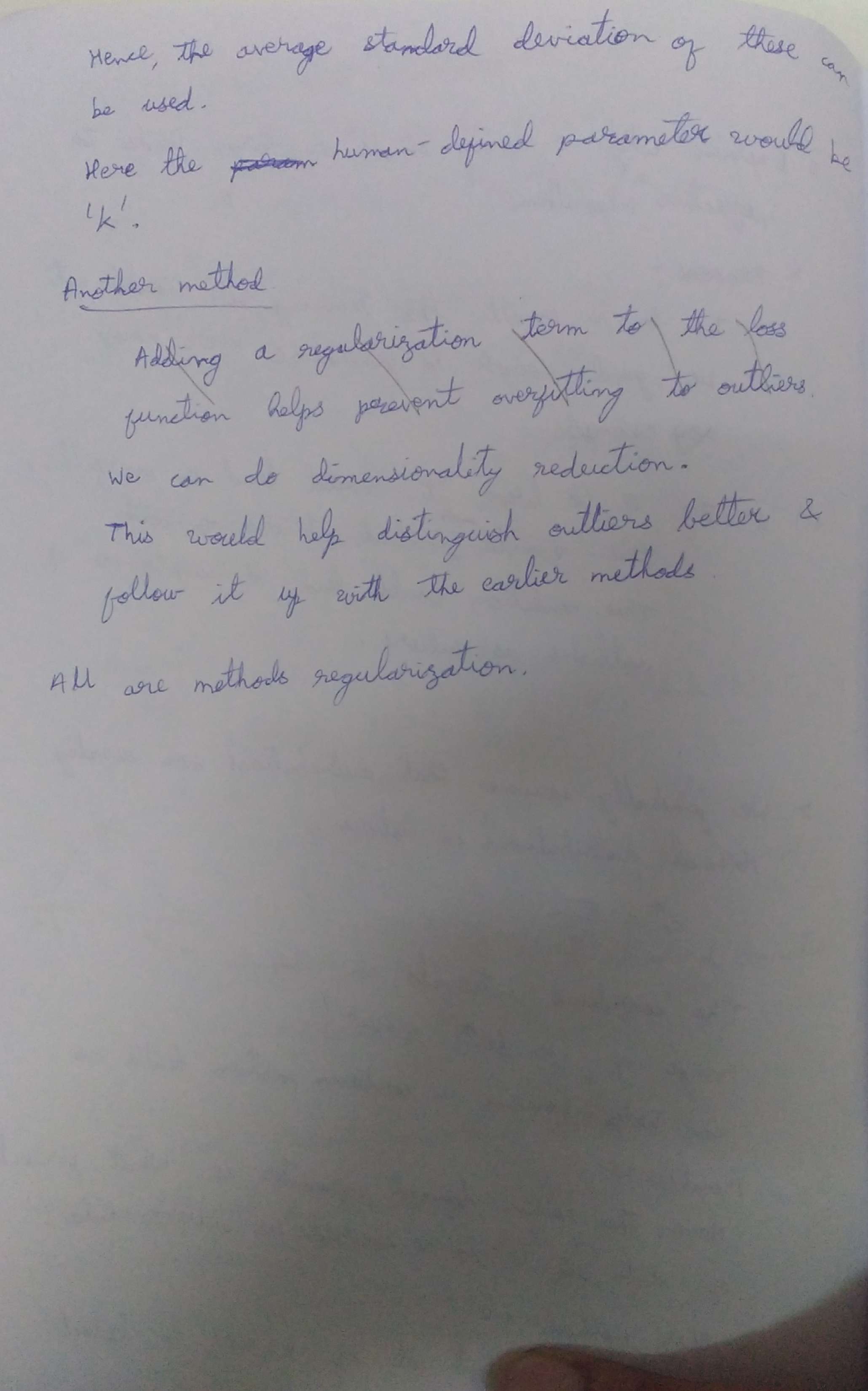
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**Answer 2** :

For online covariance between a pair of variables.

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**Answer 3** :

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