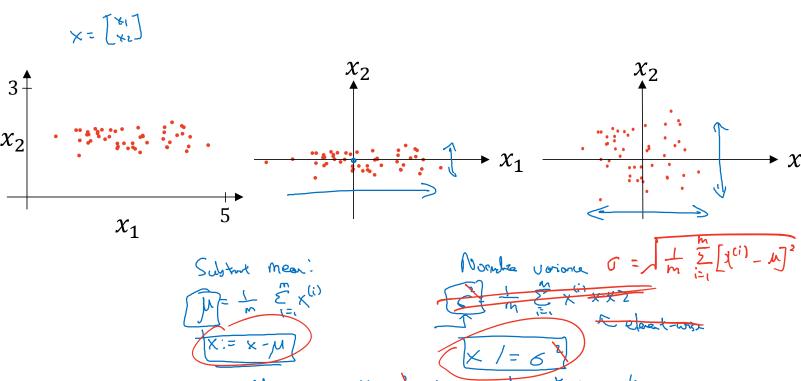


## Setting up your optimization problem

## Normalizing inputs

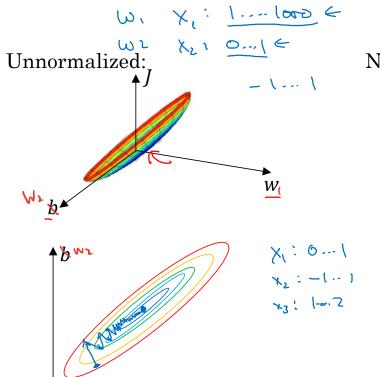
## Normalizing training sets

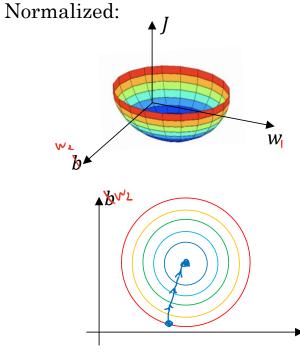


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## Why normalize inputs?

$$J(w,b) = \frac{1}{m} \sum_{i=1}^{m} \mathcal{L}(\hat{y}^{(i)}, y^{(i)})$$





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