



deeplearning.ai

# Hyperparameter tuning

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## Tuning process

# Hyperparameters

→  $\alpha$

$\beta$  0.9

$\beta_1, \beta_2, \epsilon$   
0.9 0.999  $10^{-8}$

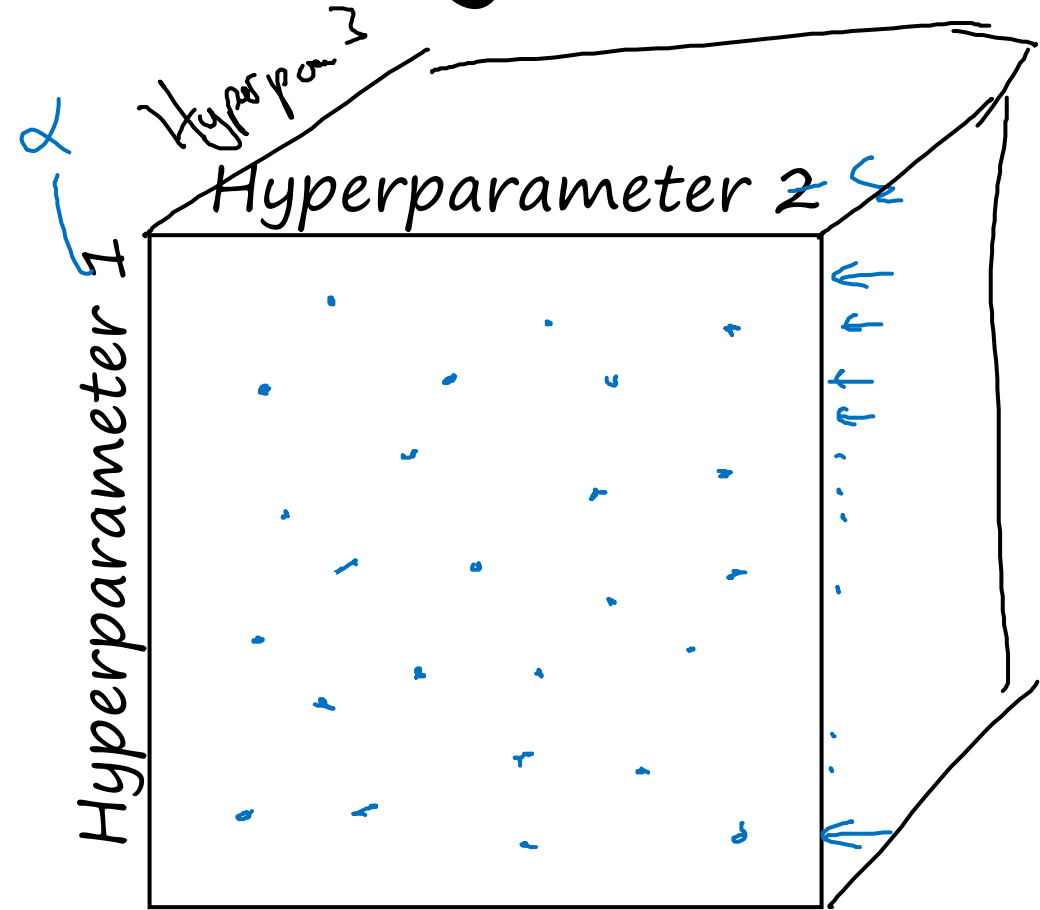
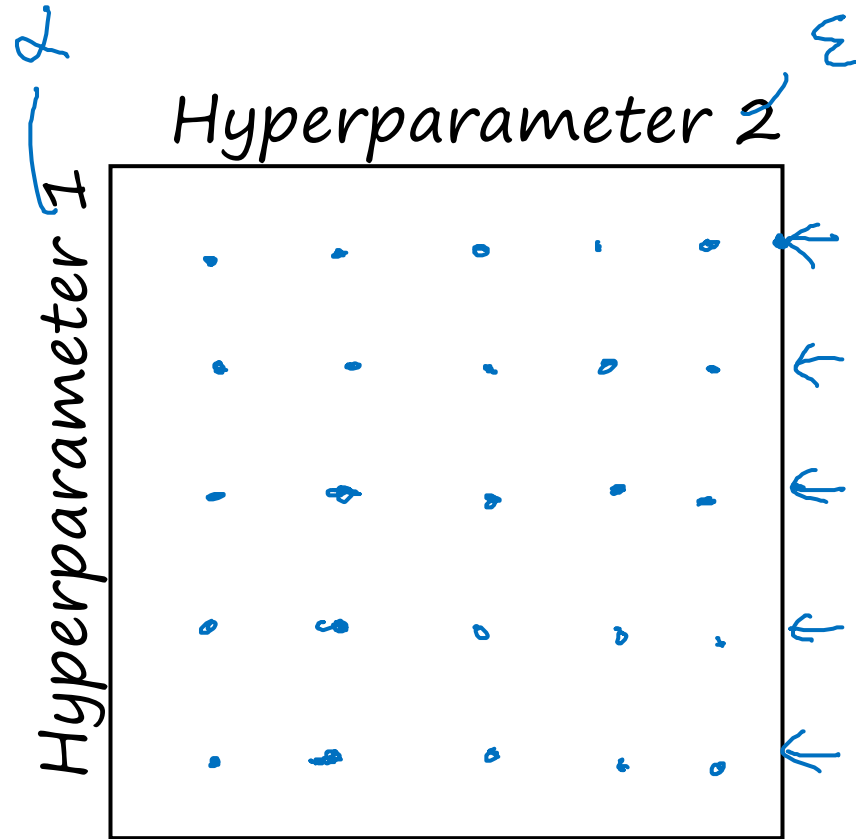
# layers

# hidden units

learning rate decay

mini-batch size

# Try random values: Don't use a grid



# Coarse to fine

