SCP9087561 - DEEP LEARNING 2019-2020

You can preview this quiz, but if this were a real attempt, you would be blocked because:

because:	
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Question 1 Not yet answered Marked out of 10 ✓ Flag question Edit question	For which label distribution and with which loss is reasonable to adopt the sigmoid activation function for the output layer? Select one: a. Gaussian distribution / Mean Squared Error b. Gaussian distribution / Cross-Entropy c. Multinoulli distribution / Cross-Entropy d. Bernoulli distribution / Cross-Entropy
Not yet answered Marked out of 10 ✓ Flag question Edit question	Consider a CNN layer with 16 filters of size 3x3, a stride of 1 and input images of size 10x10. How many parameters are we required to train for such a layer? (do not consider the bias terms) Please answer with the exact number of the parameters (no formulas) Answer:
Question 3 Not yet answered Marked out of 10	Which one of the following sentences about regularization are true? Select one or more: Regularization reduces the training error Regularization reduces the generalization error Regularization increases the inductive bias of the model Regularization increases the variance of the model
Question 4 Not yet answered Marked out of 10 № Flag question Edit question	Which one of the following is an advantage of using deep neural networks over linear models? Select one: A Deep neural network has the same expressive power of linear models A Neural Network always performs better than linear models A deep neural network has better generalization than a linear model The functions we want to learn are always a composition of simpler functions, so deep neural networks are always more suited for learning problems

None of the above