HW4

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Task 1

Training and testing on pendigits dataset, with 2 layers, 10 training rounds: classification accuracy=0.8659

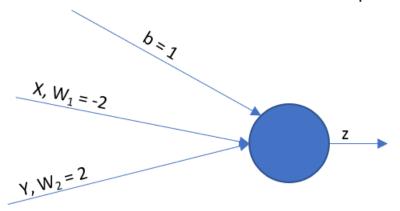
Training and testing on pendigits dataset, with 3 layers, 20 units per hidden layer, 20 training rounds: classification accuracy=0.9231

Task 2

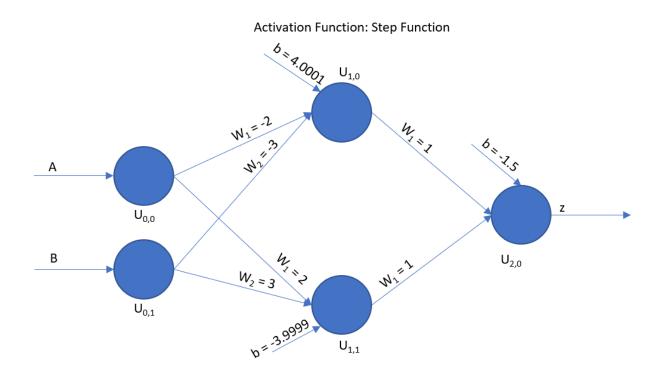
Activation Function: Step Function $X_1, W_1 = 1$ $X_2, W_2 = 1$ $X_3, W_2 = 1$

Task 3

Activation Function: Step Function



Task 4



Task 5

Activation Function: Step Function

