

Assignment 7

for NeuroComputing/ Theoretical Neuroscience 2013

1. Modify the program `dnf.m` to simulate two simultaneous inputs with the same strength at $1/4 nn$ and $3/4nn$ and observe the network activity. Change the strength of one input and discuss the results. Return to the same strength of input, but choose different locations. Discuss your results.
2. Given the noisy population signal in file `noisyPopulationSignal`, estimate the feature value encoded with this signal and explain your choice.

Send a text file to prof6508@cs.dal.ca with subject line A7 by Thursday, March 21, before 4pm.