## HW1-3

➤ How to run the program?

Install TensorFlow & Keras

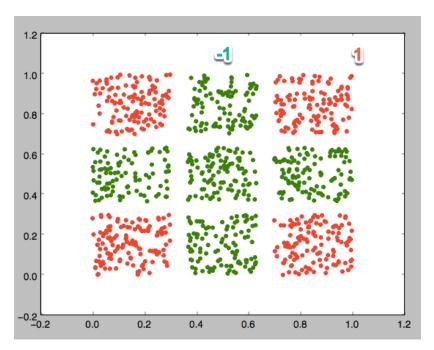
\$ python hw1\_2-4-3-1.py

# for hw1-3-1

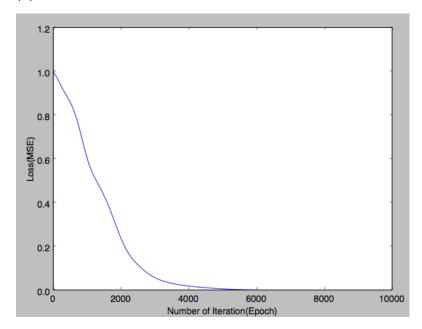
\$ python hw1\_2-8-6-2.py

# for hw1-3-3

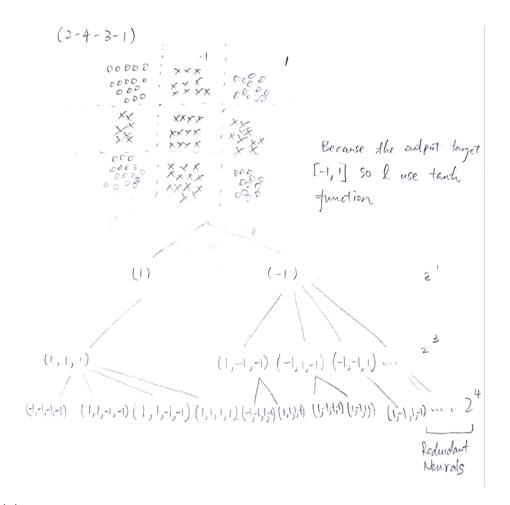
## Dataset plot:



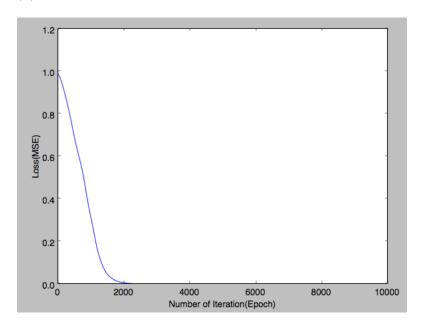
## (1) 2-4-3-1



(2)



## (3) 2-8-6-1



2-8-6-1 learns faster than 2-4-3-1, with fewer iterations got better loss value. There're more redundant neural in 2-8-6-1, but it is stronger.