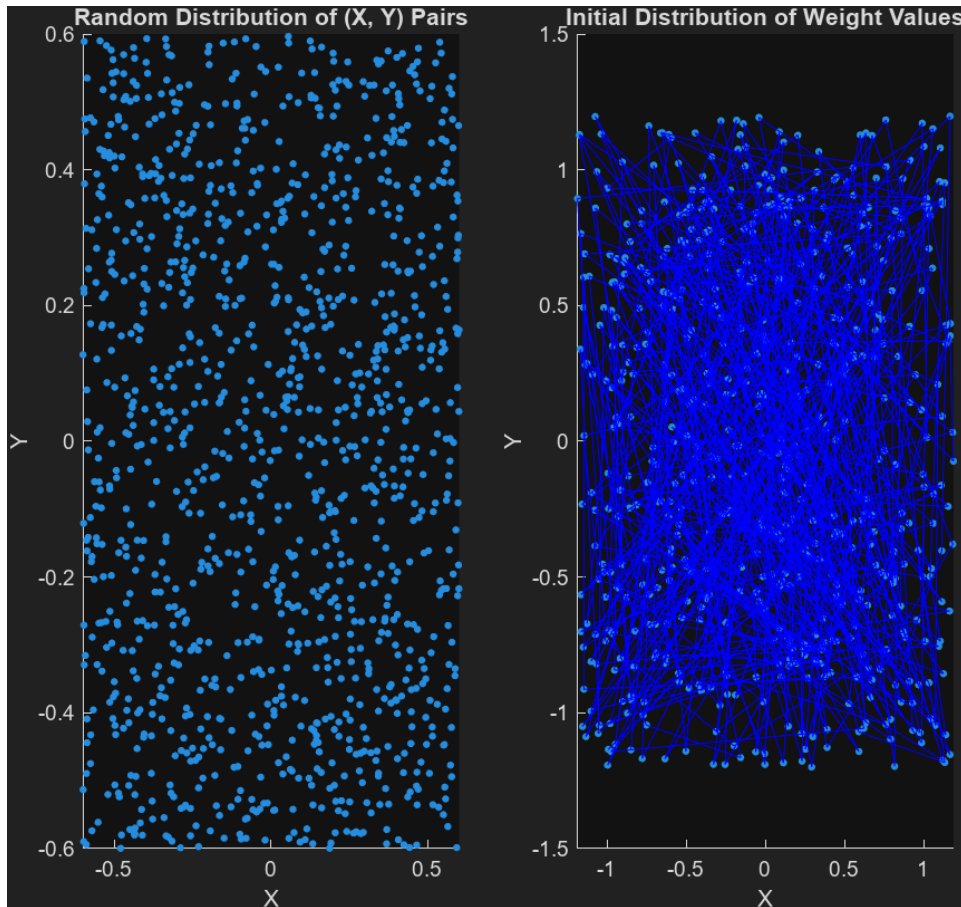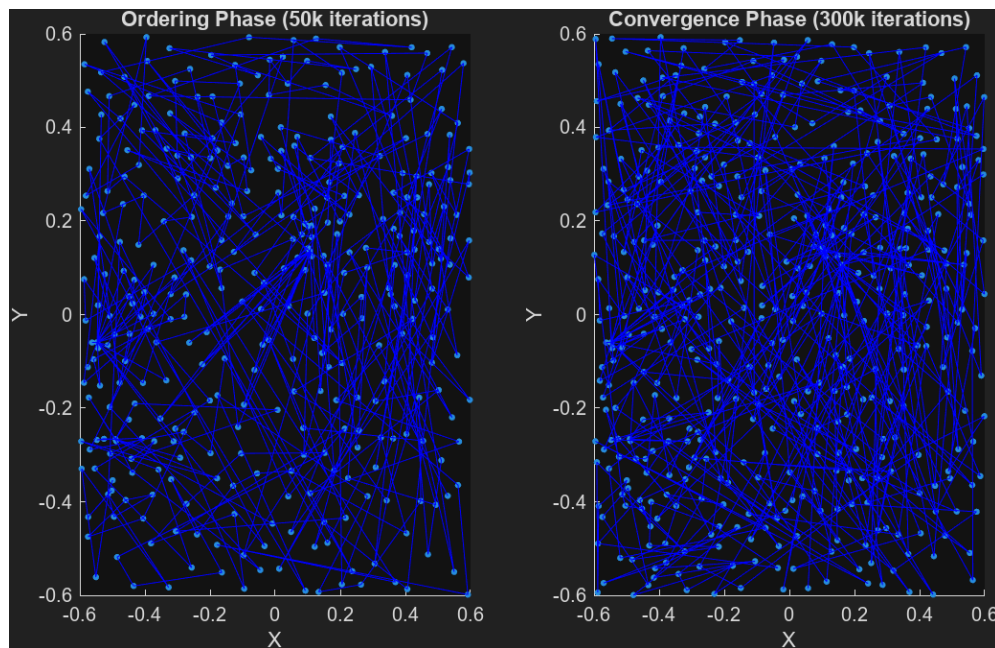Ian Deal

EE 456, HW 4

Random Data Distribution and Initial Weight Distribution:

Ordering Phase and Convergence Phase:

Part i:

Starting learning rate: 0.9

Annealing rate: $\sqrt[3]{\alpha}$

Starting neighborhood: 576 (24*24)

Neighborhood decrease rate: 0.7 (a much slower decrease than the alpha annealing rate)

Final neighborhood: 0

Ordering Phase: 50k iterations

Convergence phase: 300k iterations (note: my program can take several minutes of run time to reach the convergence phase)