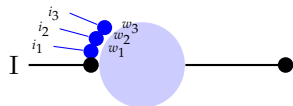


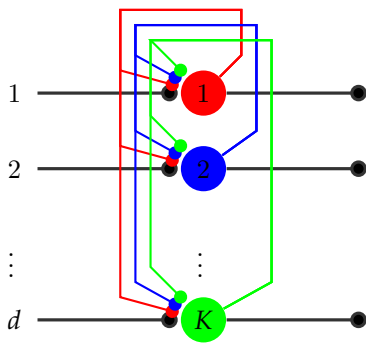
A

## Simplified Neuron

if  $I + \sum_i w_i i_i > 0$  then 1 else -1

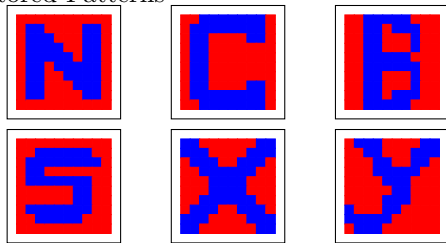


## Hopfield Network



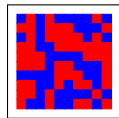
B

## Stored Patterns

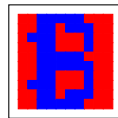


C

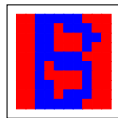
Input cue  
B+50% noise



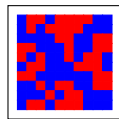
Recall  
after 1 step



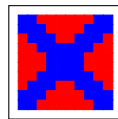
Recall  
after 2 steps



Input cue  
X+50% noise



Recall  
after 1 step



Recall  
after 2 steps

