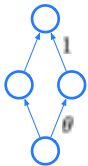
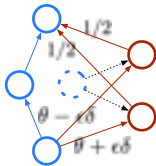


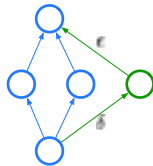
 existing neurons  
  splitted neurons  
  new neurons



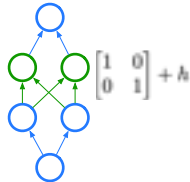
original network



i. split existing neurons



ii. grow new neurons



iii. grow new layers