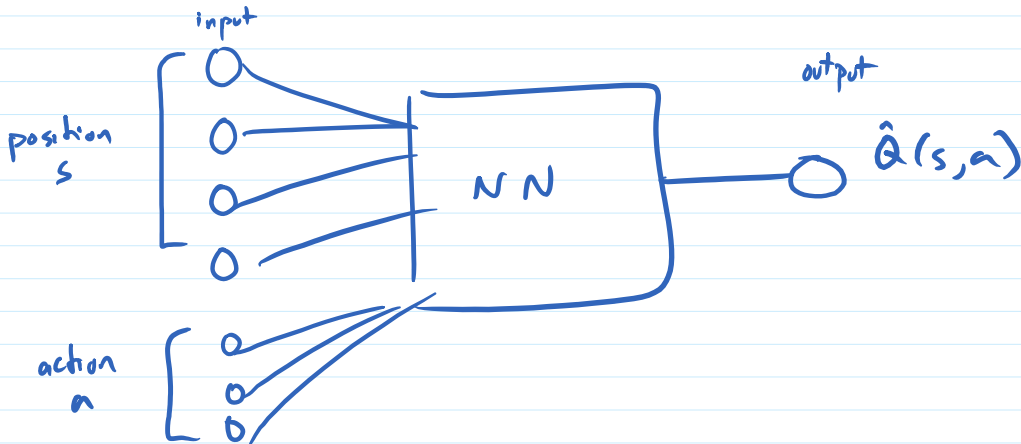


Deep Q Learning

initialize learning, target networks

for each iteration
 → for each episode
 for each event
 add (s, a, s', r) to replay database
 sample replay database
 train learning network towards $r + \gamma \cdot \max_a \hat{Q}(s', a)$
computed by target network
 if enough time has passed
 copy learning network to target network

ANN for approximating $Q(s, a)$



~~$Q(80, 4, 10, 24), 1 = 0.53...$~~ $\hat{Q}(80, 4, 10, 24), 1 = 0.30$

