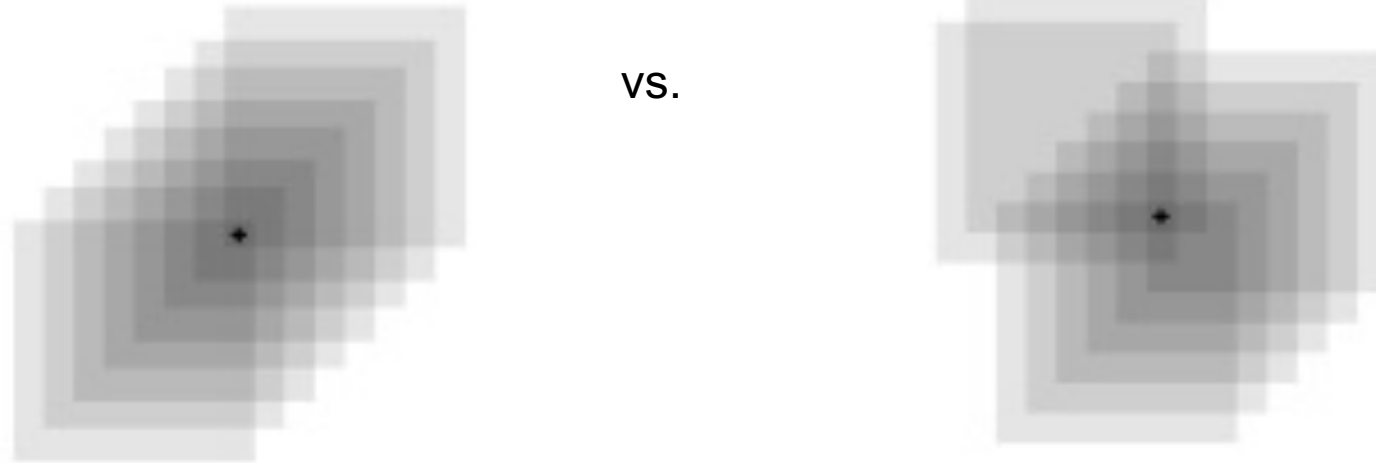


[RL22] Q&A Session on Value Function Approximation

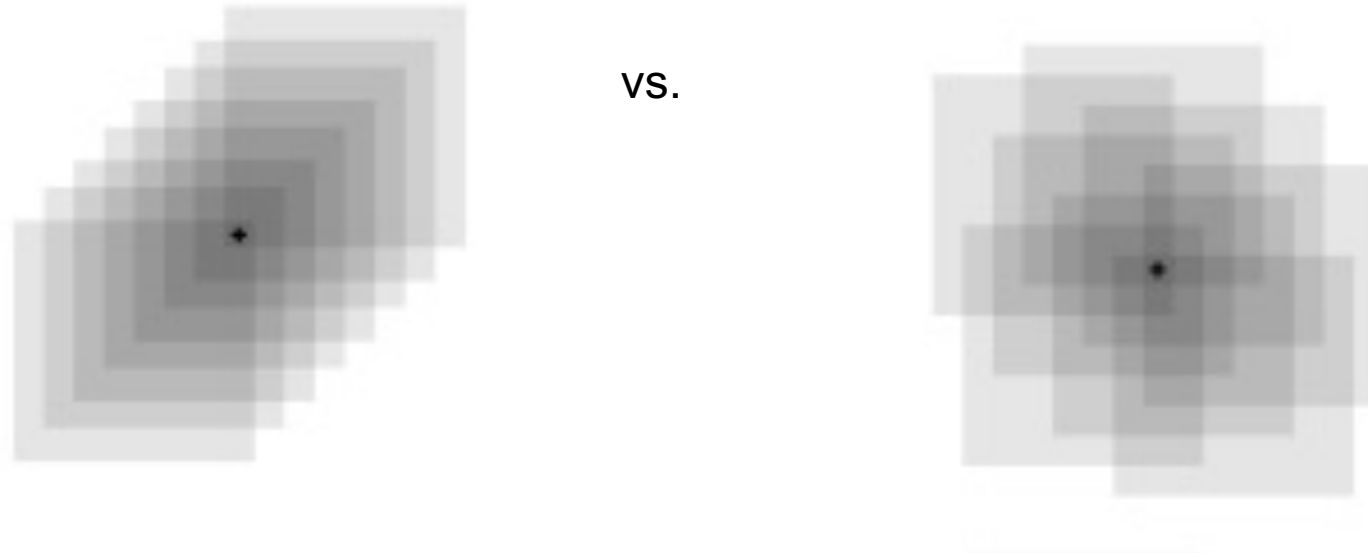
02.06.2022

Christopher Mutschler

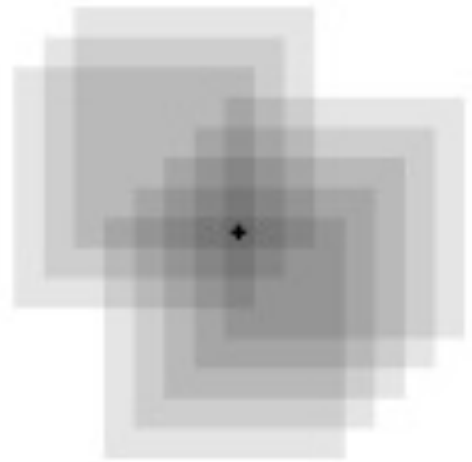
Tile Coding – what makes more sense?



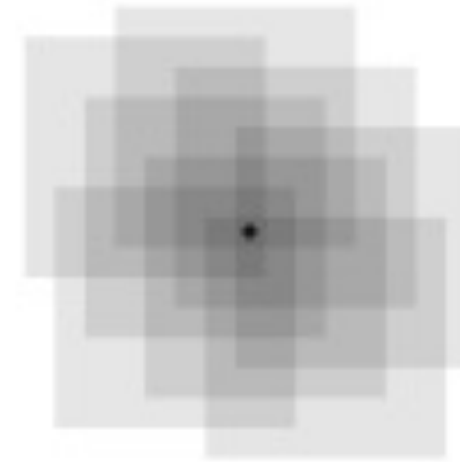
Tile Coding – what makes more sense?



Tile Coding – what makes more sense?



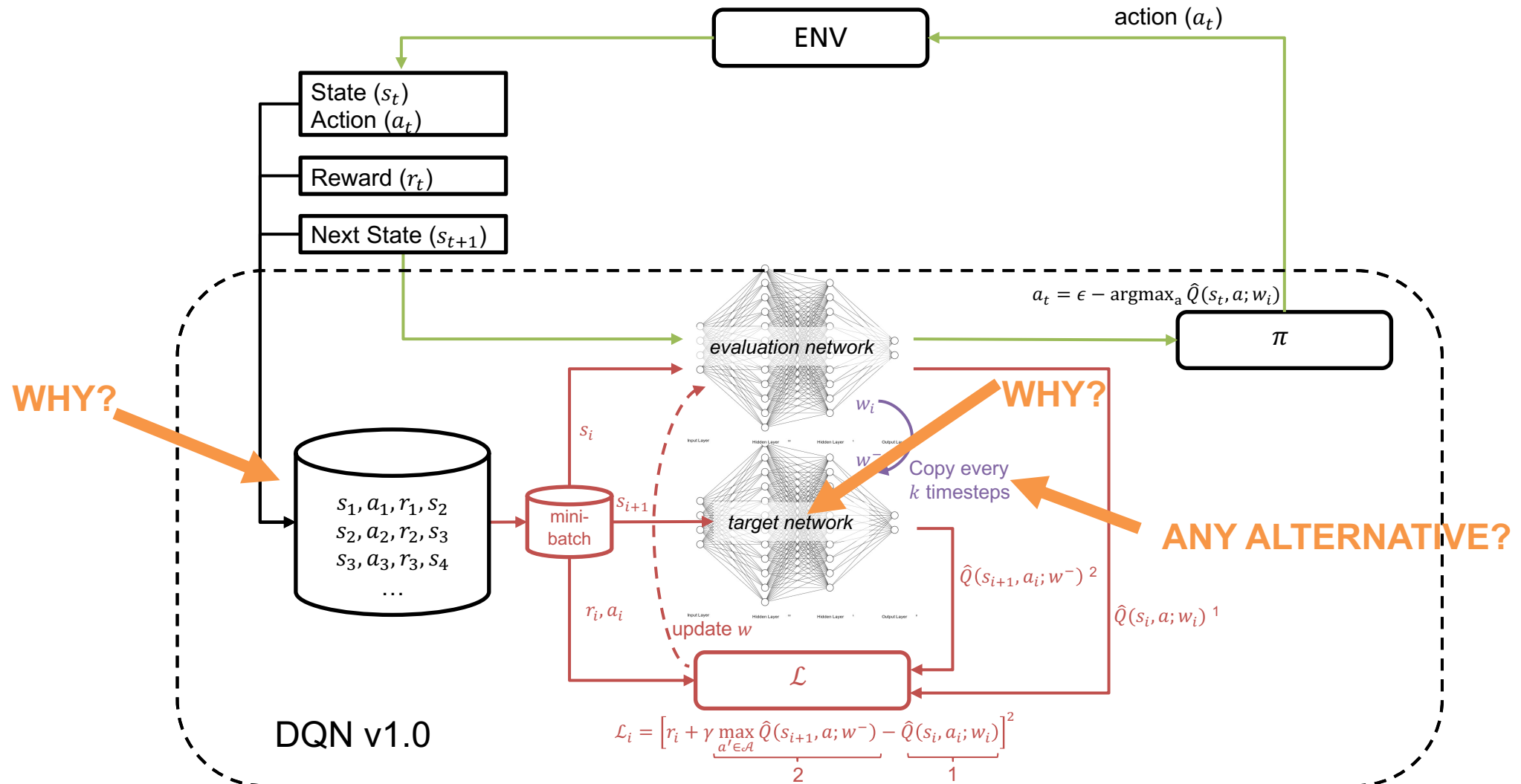
VS.



Tile Coding

Exercise 9.4 Suppose we believe that one of two state dimensions is more likely to have an effect on the value function than is the other, that generalization should be primarily across this dimension rather than along it. What kind of tilings could be used to take advantage of this prior knowledge?

Deep Q-Networks (DQNs)



DQN v1.0