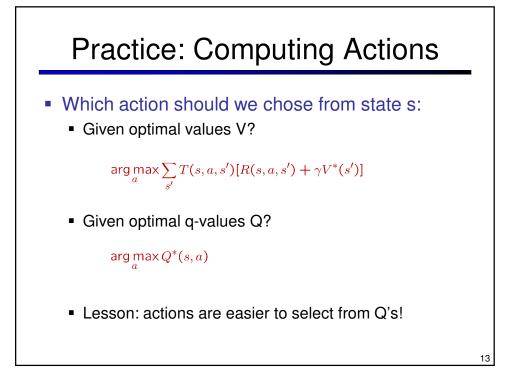


## At Convergence

 At convergence, we have found the optimal value function V\* for the discounted infinite horizon problem, which satisfies the Bellman equations:

$$\forall s \in S: V^*(s) = \max_{a} \sum_{s'} T(s, a, s') \left[ R(s, a, s') + \gamma V^*(s') \right]$$



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