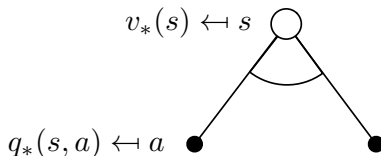


# Bellman Optimality Equation for $v_*$

The optimal value functions are recursively related by the Bellman optimality equations:



$$v_*(s) = \max_a q_*(s, a)$$