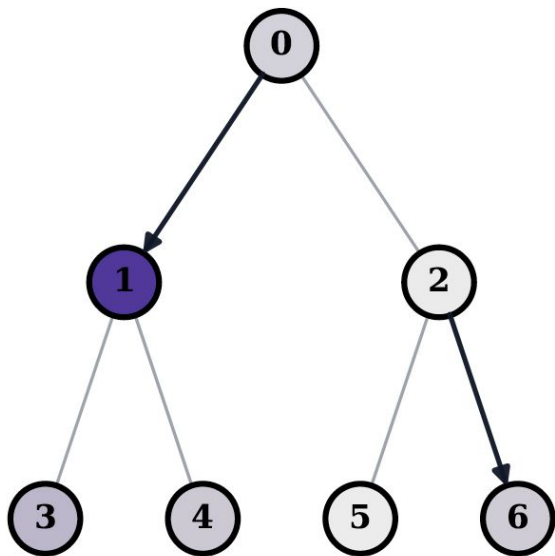# Result A: Example optimal policy and MDP

actions at all nodes = {left child, right child, stay}

near deterministically (>90%) transition from 0 to 1 if take left child, 0 to 2 if take right child.

taking action left child or right child only succeeds <10% of the time; otherwise, stays stationary with ~90% probability

Result B: Example optimal policy and MDP

only action: choose left or right branch
no stay action

dynamic left side:
cannot stay at current state,
transitions deterministically to next node

slow/sticky right side:
stay at current node with 90% probability
go to next node with 10% probability