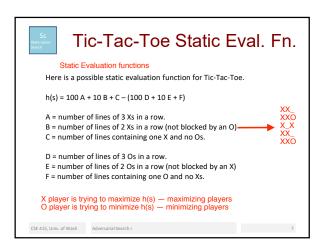
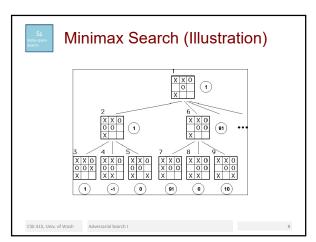


the key idea is that cannot know for sure what our opponent will do, so we have to consider all of their possible moves if we were to make a given move, and what kind of states this may bring us to. Much like heuristics, calculating this explicitly by counting all possible states is likely not feasible, so we have to develop some montra for evaluating possible states.



idea: look ahead a few moves, find all states reachable by these moves, evaluate all of these possible states (WITHOUT considering future states) using our "static evaluation function", and consider best-case/worst case scenarios



O's turn; wants to minimize if he chooses 2, he know X will want to maximize so X will choose 3 if he chooses 6 he knows X will want to maximize and X will choose 7 Of these two choices for O, choosing 2 has a much better worst case scenario, so choose 2.

