

- Prove the following assertion: for every game tree, the utility obtained by MAX using minimax decisions against a suboptimal MIN will be never be lower than the utility obtained playing against an optimal MIN. Can you come up with a game tree in which MAX can do still better using a suboptimal strategy against a suboptimal MIN?
- 证明以下断言：对于每个游戏树，由 MAX 针对次优 MIN 使用 minimax 决策获得的效用永远不会低于针对最优 MIN 使用 minimax 决策获得的效用。次优对策

If MIN is playing suboptimally MIN will select moves with (greater than or equal to) minimax. Since MAX exceeds these decisions, then the minimax utility against a MIN, a suboptimal player, is greater than or equal to the minimax utility against an optimal min

如果 min 是次优地播放，min 将选择（大于或等于）极大极小的移动。由于 MAX 超过这些决策，那么针对 MIN（次优玩家）的 minimax 实用程序大于或等于针对最优 min 的 minimax 实用程序。