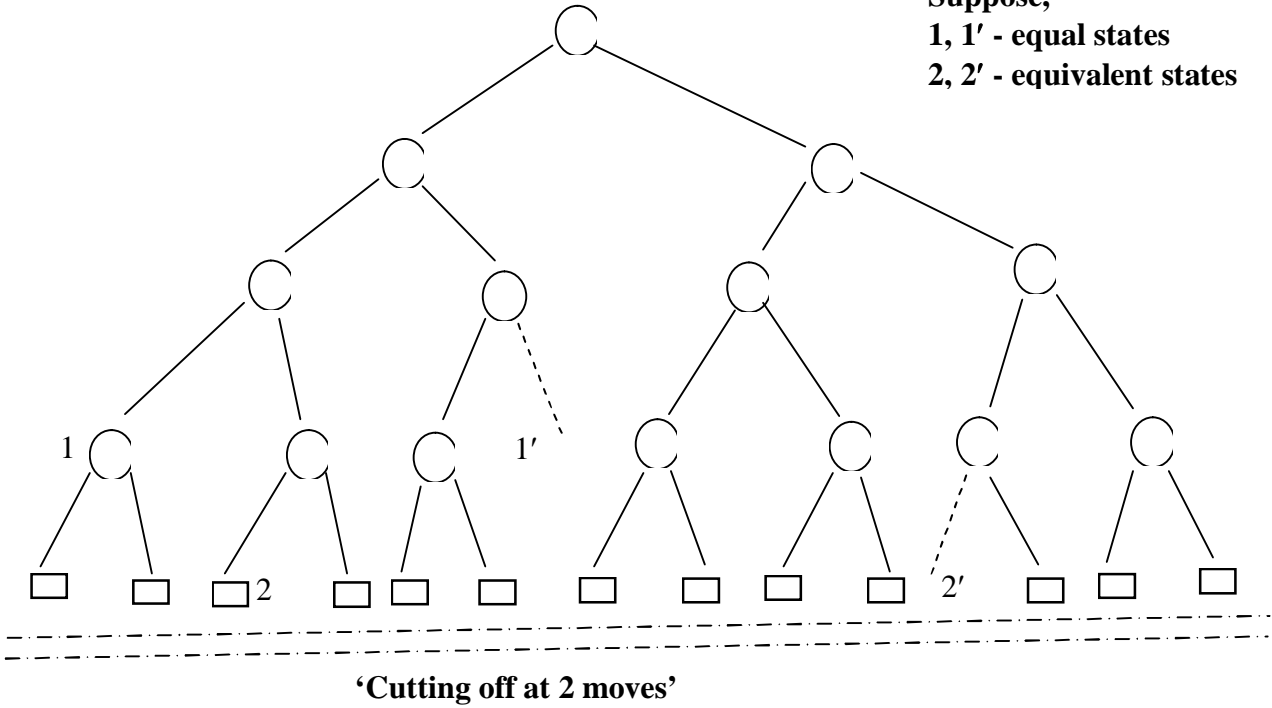


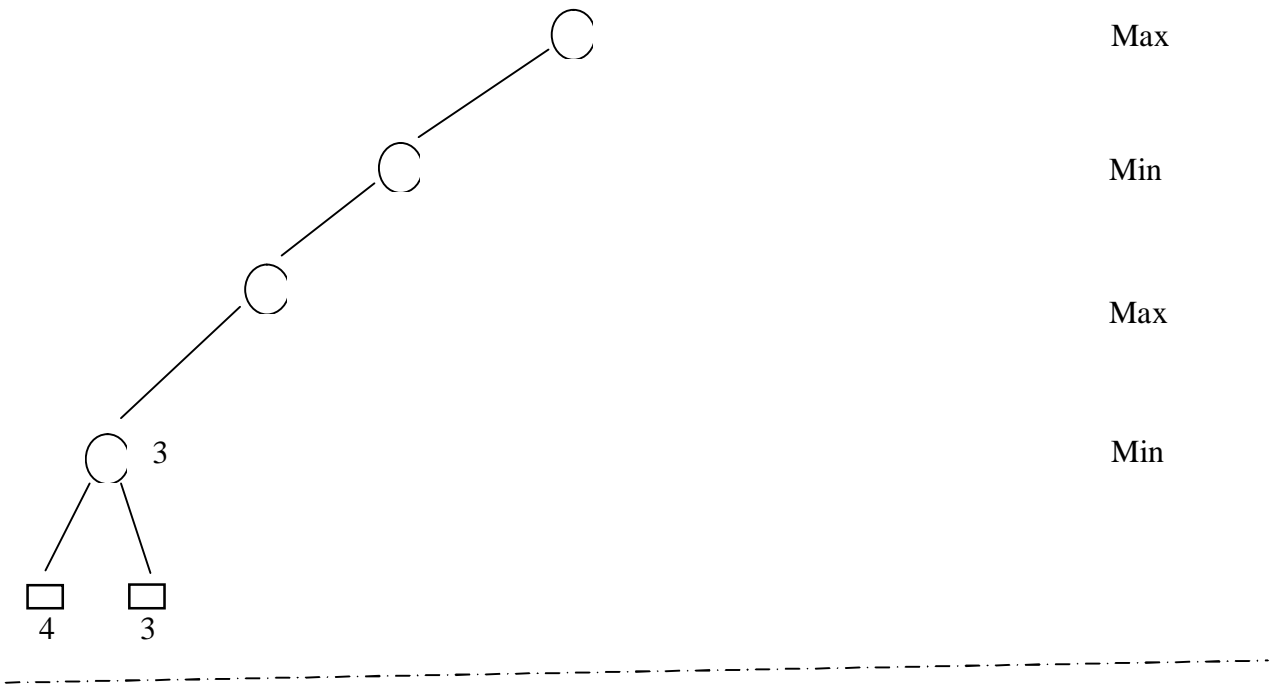
**Common Factors & Cutoff**

**Suppose,  
1, 1' - equal states  
2, 2' - equivalent states**

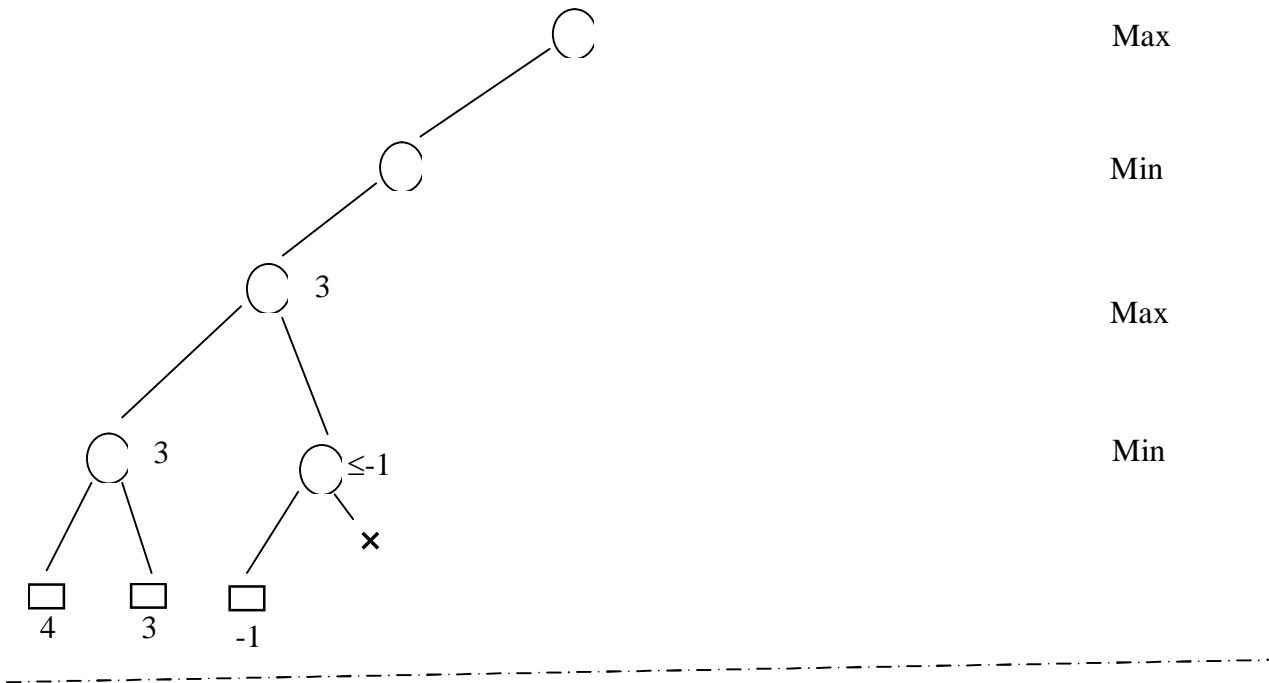


Alpha-beta pruning

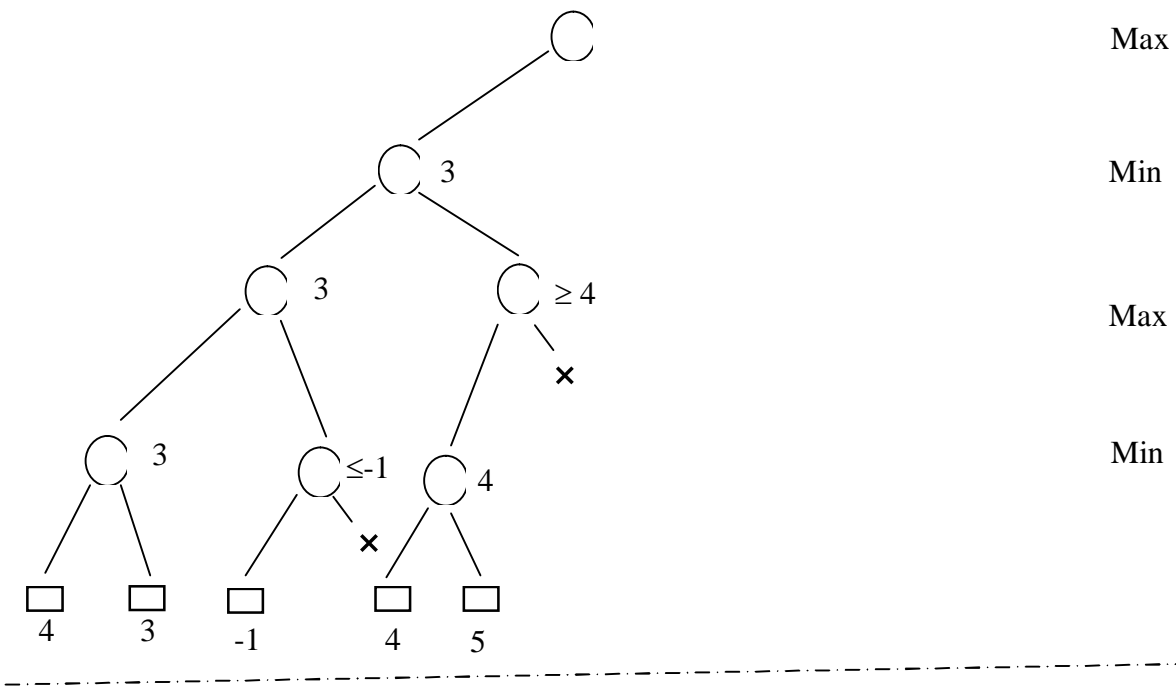
4, 3, -1, 4, 5, 2, 1, -2, -5, 3, 2, 1      [-5, +5]



4, 3, -1, 4, 5, 2, 1, -2, -5, 3, 2, 1



**4, 3, -1, 4, 5, 2, 1, -2, -5, 3, 2, 1**



**4, 3, -1, 4, 5, 2, 1, -2, -5, 3, 2, 1**

