

The diagram illustrates a game tree for a 6-player game. The root node is labeled "ROOT 4-2 1-5-3 6". The tree branches into three main paths:

- Left Path:** From the root, a branch labeled "4-5" leads to a node labeled "4 5-1 2-3 6". This node branches into three children:
 - A branch labeled "4-3" leads to "-2 -1 -5 -4 -3 6".
 - A branch labeled "2,-1" leads to "4 5 1 2-3 6".
 - A branch labeled "2,-3" leads to "4 5-1 2-3 6".
- Middle Path:** From the root, a branch labeled "4,-3" leads to a node labeled "5-1 2-4-3 6". This node branches into three children:
 - A branch labeled "5,-4" leads to "5 1 2-4-3 6".
 - A branch labeled "2,-1" leads to "5-1 2 3 4 6".
 - A branch labeled "2,-3" leads to "5-1 2 3 4 6".
- Right Path:** From the root, a branch labeled "6,-5" leads to a node labeled "4-2 1-5-3 6". This node branches into three children:
 - A branch labeled "1,-2" leads to "3 6 D U P -2 -1 -5 4 5 1 2 3 6".
 - A branch labeled "3,-2" leads to "4 1 D U P 5 1 2-4-3 6".
 - A branch labeled "6,-5" leads to "4-2-1 3 5 6".

Each of these nodes further branches into more nodes, some of which are labeled with "D U P" or "W I N". The final nodes at the bottom are labeled with their respective game states and outcomes.