

The diagram illustrates a game tree for a 3-player game. The root node is labeled $4-43-312$. It branches into three nodes: $4-43-312$ (left), $4-43-312$ (middle), and $4-43-312$ (right). Each of these nodes further branches into three nodes, and so on, creating a total of 27 terminal nodes. The terminal nodes are labeled with 3-digit numbers representing the game state. The diagram is a visual representation of the game tree structure, with nodes and edges labeled with numbers.