

The diagram illustrates a game tree starting from a root state. The root state is represented by the sequence $-3 -2 1 -6 -5 4$. From the root, three main branches emerge:

- Left Branch:** Labeled **ROOT** with state $-3 -1 2 -6 -5 4$. This branch further divides into three paths:
 - A path leading to state $-3 1 2 -6 -5 4$, which then splits into two paths labeled $2,-3$ and $4,-3$.
 - A central path leading to state $5 6 -2 1 3 4$, which splits into two paths labeled $1,-2$ and $3,-2$.
 - A right path leading to state $-3 -1 2 -6 -5 -4$, which splits into two paths labeled $2,-3$ and $2,-1$.
- Middle Branch:** Labeled with state $-3 -2 -1 -6 -5 4$. This branch leads to a single path labeled $4,-3$.
- Right Branch:** Labeled with state $5 6 -1 2 3 4$. This branch leads to a single path labeled $1,-2$.

The tree continues to expand from these intermediate states, with each new level representing a move in the game. The final nodes are numbered sequentially from 10 to 26, indicating the progression of the game through various configurations.