

Diagram illustrating a hierarchical tree structure, likely representing a combinatorial problem or a search space. The root node is labeled "ROOT 2-5 6 1-3 4". The tree branches out into four main paths, each leading to a set of nodes. The nodes are labeled with sequences of numbers and dashes, indicating a specific configuration or state. The diagram shows a full binary tree structure with 48 nodes in total, arranged in 5 levels (including the root).

The nodes are labeled as follows:

- Level 1 (Root): ROOT 2-5 6 1-3 4
- Level 2: 2 3-1-6 5 4, 2 5 6 1-3 4, 2-5-4 3-1-6, 2-5 6 1 3 4
- Level 3: -3-2-1-6 5 4, 2 3-1-6-5 4, 17DUP 2 3-2-1-6 5 4, 2 5 6 1 3 4, -3 4 5-2-1-6, 2-5-4-3-1-6, 41DRAW 2 3-2-1-6 5 4, 2 5 6 1 3 4
- Level 4: -3-2-1-6-5 4, -5 6 1 2 3 4, 10DUP -3-2-1-6-5 4, 2 3-1-6-5-4, 18DUP -3-2-1-6-5 4, 2 3-1-6-5-4, 3 4 5-2-1-6, -3 4 5 6 1 2, 2 3 4 5-1-6, 37DUP 3 4 5-2-1-6, 43DUP 2 3 4 5-1-6, 46DUP 3 4 5-2-1-6
- Level 5: 4-3 4-5, 6-5 4-5, 4-3 4-5, 2-1 3-4, 4-3 4-5, 2-1 3-4, 3-2 5-6, 4-3 2-3, 2-1 5-6, 3-2 5-6, 2-1 5-6, 3-2 5-6