









Diagram illustrating the deletion of node U from a B+ tree. The tree structure is as follows:

- Root node: key: N, val: 14, left: null, right: null
- Leaf node 1: key: N, val: 14, left: null, right: null
- Leaf node 2: key: O, val: 13, left: null, right: null
- Leaf node 3: key: S, val: 15, left: null, right: null

The diagram shows the deletion of node U (key: U, val: 8) from the tree. The text "Delete U" is present in the top left. The text "Delete E" and "Delete S" are present in the bottom left. The text "already removed" is present in the middle left. The leaf node containing [O, 13] is highlighted in red, indicating it is the node to be deleted.

[illegible]