

JUMPS AND JUMP-LENGTH IN ORDERED TREES

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In the preorder traversal of an ordered tree, any transition from a node at a deeper level to a node on a strictly higher level is called a *jump*; the positive difference of the levels is called *jump distance*; the sum of the jump distances in a given tree is called the *jump-length*. The statistics (i) number of jumps and (ii) jump-length will be investigated on ordered trees and on various subclasses of ordered trees.