

Abstract

A measured value table designing part (121) divides tree structure data into a plurality of subtrees such that the number of measuring instruments associated with
5 each subtree is equal to or smaller than the number of table-storable instruments, being an upper-limit number of measuring instruments whose measured value is storable in a measured value table; determines whether or not a subtree obtained through division is in a definite status; and assigns to the subtree in the definite status, a measured value table which is to store a measured value from a measuring instrument associated with
10 the subtree. The measured value table designing part further divides a subtree not in the definite status into a plurality of pieces of subtrees.