

MODEL AND ALGORITHM FOR HIERARCHICAL ANALYSIS

Abstract

The aim of this research was to define initial mode, i.e. paradigm for hierarchic identification in arbitrary set of data. Methodological design was organized based on identification of representative object in a total set. Results indicated that relations are in order naturally according to the hierarchic structure and can be recognized. The model limitations are not familiar because hierarchic data structuring, based on internal relations, occurred during many testing situations. Model originality is certain, since its appliance is literally unlimited, and the value of it lies in the building of new foundations towards relation determination based on internal consistency and relations.

Key words: *hierarchy, internal consistency, extremes*
