

COMPARISON OF DIFFERENT TAXONOMY PROCEDURES

Abstract

The purpose of this study was the comparison of the different taxonomy procedures which are universally applicable to social studies. The design of the study was pointed towards the identification of the characteristics of the individual taxonomy procedures with the algorithmic coding in Borland Delphi developing tool (D.Bonacin). The data of 249 students described with 14 morphological variables was processed for the purpose of this study. The results have shown the divergences in different taxonomy procedures. It was possible to identify the logic of these procedures, and to suggest the application of different models in particular scientific situations. Methodological constraints of the study are possible to find only if a more complex algorithm which entails all of the characteristics of the analyzed procedures is generated. The originality of the study lies in the completely new approach to the object classification, complete with the proposition which procedure to apply in different situations.

Key words: *classification, taxons, polar, distinct*
