Abstract

An issue of individual rhythmic characteristics of particular 5 native speakers of the Russian language, newsreaders from the BBC, is described in this thesis.

A research of the given 5 speech recordings was conducted based on the academic concepts created by Ramus, Mehler and Nespor, and by Low and Grabe and also by Dellwo, so through a speech rhythm research based on rhythm correlates that are related to vocalic and intervocalic intervals. The recordings were processed in an analting program called Praat and the extracted results were then evaluated in a statistical processor called STATISTICA. These materials were used for further analysis. The recordings were analysed based on several parameters: %V (proportion of vocalic intervals in one breath group), ΔC and ΔV (standard deviation of the vocalic and consonantal interval duration), PVI-V, PVI-C (Pairwise Variability Index of the vocalic and consonantal interval duration), Varco V and Varco C (variation coefficient of the vocalic and consonantal interval duration) and the difference between duration of stressed and unstressed vowels. Three parameters that were the most successful from the speakers' ability to differentiate point of view were selected through an unfiltered and filtered data analysis. A discriminant analysis of the chosen three parameters was conducted at the end.