

# Abstract

This thesis deals with web teaching materials that include calculus in the range discussed at the high school. In the introduction there is an analysis of existing educational websites. There is evaluated correctness, didactic processing, graphic design and the inclusion of interactive elements. The main section is a web application for teaching calculus. The aim was to give the students curriculum attractive and interactive way to emphasize the clarity. In addition to the theoretical basis the application includes the amount stepping solved tasks and the possibility of verifying knowledge through two types of tests. Achievement of the aims of this work were verified by a short questionnaire.