

ABSTRACT

The aim of the thesis *Understanding of particular function by high school students* is to describe the procedures and the most common mistakes of students in shifting power functions and application of absolute value for power functions. The first part of the thesis traces the historical development of functions, analyses available textbooks and briefly discusses relevant research on the subject. The second part focuses on the research itself with a brief description and analysis of the errors and strategies. A discussion of these results and a comparison with previously mentioned research is found in the final chapter.