

## **ABSTRACT**

Nowadays we can meet instead of the traditional approach to teaching math also Hejný method in schools. The aim of this thesis is to compare two groups of students (traditionally lead and lead by Hejný method) and their strategies for solving problems of the type of equation, and to compare how successful their solutions are.

For the group which is taught traditionally, there were chosen the pupils in the 4th and 5th grade of primary school, who used to use the textbook of the series Alter. In the other group there were chosen pupils who use the textbooks by Hejný et al.

Before the experiment there had been selected and formulated tasks for the experiment itself. A part of the experiment are also interviews with selected students.

## **KEYWORDS**

strategy, successful strategy, non-successful strategy, transmissive and constructivistic way of teaching, the type of equation tasks, pupil's solution of the problem