ABSTRACT

This diploma thesis deals with combinatorics in primary school teaching methods. The theoretical part is focused on characterisation of mathematical field of combinatorics, briefly describes it's historical evolution and basic types of combinatorial problems. This theoretical knowledge is further supplemented by an analysis of utilization rate of combinatorics in curiculative documents, selected textbooks and mathematical contests for primary school pupils. An essential part of the theoretical part of the work are chapters dealing with solving combinatorial problems. The practical part is based on research of solving combinatorial proceses on tasks for primary school pupils.

KEYWORDS

Combinatorics, combinatorial problem, typology of combinatorial problems, primary school pupil, solving peoceses, analysis of pupils´solving processes, number of solutions