

### **Abstract**

The diploma thesis deals with possible philosophical analyses of Gödel's incompleteness theorems and their interpretations in different branches of philosophy (phenomenology, analytical philosophy of mind, Kant's philosophy). Part of the thesis is dedicated to the attitudes to mathematical disciplines and their fundamental transformations caused by revolutionary discoveries such as Non-Euclidean geometries and incompleteness theorems. The relationship between the second Gödel's incompleteness theorem, Gentzen's consistency proof of Peano arithmetic and Hilbert's programme is also discussed.