

## **Abstract (in English)**

The master thesis is focused on the scientometric methods of research and development evaluation and their use in particular system applied in the Czech Republic. Its introductory part presents the field of scientometrics, scientometric and bibliometric indicators and citation indices. Chapter 7 deals with research and development evaluation in Czech Republic, especially with Research Evaluation Guidelines and describes its assesment rules, results and changes due to its annual actualization. A battle of wills between the Guidelines supporters and opponents is the topic of chapter 8, in particular in the context of reallocation of institutional funding according to the Guidelines. Ideas and opinions of prominent scientists and policymakers are being presented followed by brief treatise on Czech system of research and development evaluation audit carried out by the company Technopolis Limited. In the conclusion the author summarizes and debates positives and negatives of the Czech system of science evaluation.