Legal aspects of Artificial Intelligence

Abstract

Similarly to other new technologies, the legal regulation of artificial intelligence is still somewhat behind its rapid expansion and frequent use in the daily activities of the general population. For this reason, this diploma thesis deals with the currently used and future legislation in this area. As the general concept and the issue of liability have already been addressed in previously published academic works, this text focuses mainly on aspects of copyright law. The main goal is to explain the current concept of the role of artificial intelligence in Czech copyright regulation and its pitfalls. In the next phase, the text presents the options of the legal concept of artificial intelligence abroad and their influence on potential further development at both the European and Czech level. The first chapter introduces the basic concepts, especially the concept of artificial intelligence itself. It describes the history of its origin and the fragmentation of views on its definition as well as its consequences for society. Within the understanding of artificial intelligence as a technology, one of the subchapters is also devoted to the comparison of its various divisions and types, in order to create a realistic idea of the current boundaries of its functions. In the second chapter, the text works with the legal concept of artificial intelligence in the Czech Republic and explains the various already known civil law institutes, which are most often applied. This concept is presented as the basis for the explanations regarding the regulation of copyright, specifically. The current concept of artificial intelligence as a subject of copyright is further elaborated in the third chapter, which deals with the issue of copyright works created by artificial intelligence, as well as the issue of authorship. The fourth chapter summarizes the current knowledge and analyses the current proposals for further legislative procedure. Specifically, the often-discussed possibility of introducing the institute of an electric person and also the possibilities of protection of works created by artificial intelligence. The latter is done through comparison with foreign regulations and includes proposals of the most suitable next steps.