

Abstract:

The bachelor thesis *Methods of Circuit Solving in Physics Education* contains eight main parts. In the first part, a brief research of physics knowledge a pupil can get through primary and secondary education is conducted. The second part contains an introduction of physics terms and the necessary mathematics. The next part is dedicated to Kirchhoff's circuit laws and their application in solving circuit problems. The next chapter introduces the individual methods and their use. The last chapter is the Practical Part, which provides verification of the theoretical calculations.