

The aim of this Bachelor thesis was to supplement Collection of Solved Problems in Physics, which is developed by Department of Physics Education, with 25 tasks. The tasks are included in the chapters of Electricity and magnetism section. Each task has a structured solution; some tasks are enriched with pictures created by myself. In the Introductory part of this thesis the structure and reasons for choice of the topic of the thesis are described. Next chapter contains basic information about the collection. The third chapter comprises brief comments on the creation process of the tasks. A sample of the five tasks is included in an appendix; the rest is to be found on the enclosed CD or on the collection's website: <http://fyzikalniulohy.cz/>. In the Conclusion the merits of this Bachelor thesis are summarized.