

*Solved Problems in Theoretical Mechanics to Electronic Database of Solved Tasks*

Abstract: The main goal of this bachelor thesis was to create set of tasks with structural hints and detailed solution in the field of theoretical mechanics. 16 tasks were created and published within The Electronic Collection of Solved Problems in Physics on the web. The tasks are meant to serve the university level students and they are adapted for self study.

Keywords: theoretical mechanics, principle of virtual work, Lagrange equations of the second kind, electronic collection of tasks, structured solutions of tasks