

Abstract

Title: Theoretical preparation for the Comparison of efficiency of selected types kayaking paddles in forward stroke.

Objectives: Objective for this study is to make a research study for paddle blade force experiment by searching and treatment of studies which aim on similar topic.

Methods: Research and treatment of foreign and czech studies. The information has been achieved through combination of the direct, indirect and progressive methods.

Conclusion: Parts of the study contain a treatment of foreign and czech studies with theoretical preparation for next experiment.

Keywords: Biomechanics, strain gauge, slalom paddle, stroke, hydrodynamics