

Title: Curriculum of solid geometry at czech high schools

Author: Adam Smetana

Department: Department of Mathematics Education

Supervisor: RNDr. Petra Surynková, Ph.D

Abstract: The topic of the bachelor thesis is Curriculum of solid geometry at Czech high schools. All of the basic and advanced terms are explained and shown in simple illustrations. The thesis contains a number of solved examples and exercises that are being taught at Czech high schools. All the examples are supported by 2D and 3D applets in GeoGebra software.

Keywords: curriculum, solid geometry, cross sections, GeoGebra