



METADATA

Title: Elements of Mathematics with applications in Furnituremaking

Other Titles: -

Language: Greek

ISBN: 978-618-82124-2-8

Subject: MATHEMATICS AND COMPUTER SCIENCE

Keywords: Mathematics for Constructions / Mathematics for Furniture Construction / Mathematics for Furniture Design

Bibliographic Reference: Karageorgos, A., Ntintakis, I., & Rapti, E. (2015). Elements of Mathematics with applications in Furnituremaking [Undergraduate textbook]. Kallipos, Open Academic Editions. <http://dx.doi.org/10.57713/kallipos-870>

Abstract

This book is intended for students and furniture manufacturers, with the main objective of teaching and familiarizing them with basic mathematical concepts. Particular emphasis is placed on learning the basic mathematical concepts applied in the process of furniture design and construction, and the presentation of the material is accompanied by numerous examples and applications. The book is organized into

three parts. The first part includes three chapters on learning basic concepts of algebra. The second part includes three chapters focusing on basic trigonometric and geometric concepts related to mathematical techniques applied in furniture making. Finally, the third part includes three chapters on problem parameterization and applications of mathematical techniques in furniture making and woodworking.

