

This book is the result of a course held by the author for the first year undergraduates at the Faculty of Civil Engineering, University of Zagreb. It's intended for teaching and learning Descriptive Geometry both at technical faculties, as well as at the secondary schools, as it does not require any previous but the elementary knowledge of geometry. The textbook consists of 13 Chapters, 67 MS PowerPoint presentations and 524 slides which are completely animated. The book features the animations for each structure replacing the classical description of constructions. Due to the hypertextual book organization the traditional learning time is being shortened.

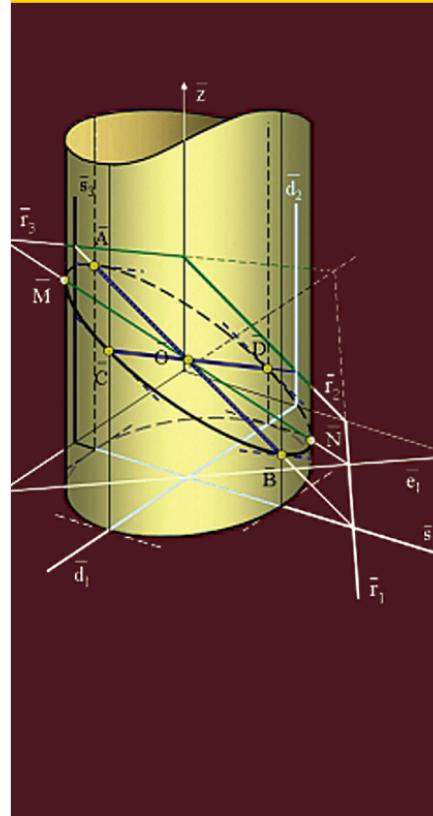
The book covers the basic elements of a Descriptive geometry course, the projection and drawing with examples from an engineering practice.

Vlasta Szirovicza is an associate professor at the Faculty of Civil Engineering University of Zagreb, Croatia. She successfully combines teaching and scientific research. She is the author of some books about descriptive geometry and scientific articles on projective geometry. This book results from the author's long experience trying to give descriptive geometry a new stimulus.

e-mail:[szvlasta@grad.hr](mailto:szvlasta@grad.hr)

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**Vlasta Szirovicza**



# **DESCRIPTIVE GEOMETRY**

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