

图书基本信息

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第1册, 机构设计>>

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作者：方华灿

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## 内容概要

This textbook is intended for students beginning the study of mechanical engineering design , and used for bilingual ( Chinese and English ) teaching. The contents of this textbook ( Machine Design ) include two parts : Mechanism Design , and Design of Mechanical Elements. Mechanism Design may be dividod into three parts. Part 1 is the methods of analysis of mechanism which is composed of an introduction to kinematics and mechanism , and the analysis methods of velocity , acceleration , force , etc. Part 2 is the methodolgy of mechanism design including the basic methodology of mechanism design , the methodology of design of overall scheme , executive system of machine , etc. Part 3 is the detail of design of various mechanisms including planar linkage design , cam design , design of gears and gear trains , design of intermittent motion mechanism and miscellaneous mechanisms , etc.

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