<<机械设计。 第1册,机构设计>

图书基本信息

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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 divided 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 methodology 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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书籍目录

Chapter 1 Introduction to Kinematics and Mechanism 1.1 Basic Concepts 1.2 Kinematic Diagrams 1.3 Degrees of FreedomGuide of Reference BooksPtoblems and ExercisesChapter 2 Analysis of Mechanisms2.1 Structure Analysis of Mechanisms2.2 Kinematic Analysis of Mechanisms2.3 Forces Analysis of Planar Mechanisms2.4 Mechanical Advantage Analysis of Mechanisms2.5 Computer Program for the Analysis of MechanismsGuide of Reference BooksProblems and ExercisesChapter 3 Methodology of Mechanism Design3.1A Need for Mechanisms 3.2 Basic Building Blocks 3.3 Design Categories and Mechanism Parameters 3.4 Troubleshooting Guide:Symptoms, Causes and Sources of Assistance3.5 Computer-aided Mechanism DesignGuide of Reference BooksProblems and ExercisesChapter 4 Planar Linkage Design4.1 Introduction4.2 Motion Generation in Planar Linkage Design4.3 Function Generation in Planar Linkage Design4.4 Rigid Body Guidance in Planar Linkage Design 4.5 Path Synthesis in Planar Linkage Design ... 4.6 Rocker Amplitude Synthesis in Planar Linkage 4.7 Analytical Synthesis of Planar Linkage Using Complex AlgebraGuide of Reference BooksProblems and ExercisesChapter 5 Cam Design5.1 Introduction5.2 Synthesis of the Motion Ptogram for the Follower5.3 Graphical Layout of Cam Ptofiles5.4 Analytical Cam Profile Synthesis5.5 Determination of Fundamental Dimensions of Cam Mechanism5.6 Computer - Aided Design of Cam MechanismGuide of Reference BooksProblems and ExercisesChapter 6 Gears and Gear Trains6.1 Simple Introduction of Gears and Spur Gears6.2 Helical, Bevel, and Worm Gears 6.3 Introduction of Gear Trains 6.4 Dimensional Synthesis Method of Planetary Gear Trains6.5 Design of Planetary Gear Train SetGuide of Reference BooksProblems and ExercisesCbapter 7 Intermittent Motion Meduuusms and Miscellaneous Mechanisms7.1 Simple Introduction7.2 Intermittent Motion Mecharusms7.3 Screw Mechanisms7.4 Universal Joints and Constant - Velocity Couplings7.5 Frictional Transmission Mechanisms 7.6 Flexible Transmassion Mechanisms 7.7 Hydraulic and Pneumatic Mechanisms 7.8 Combined MechanismsGuide of Reference BooksPtoblems and ExercisesChapter 8 Dynanucs Design of Machine and Scheme Design of Mechanical Transmission and Executive System8.1 Simple Introduction of Dynamics of Mechanical System8.2 Speed Fluctuation of Machine and its Adjustment8.3 Balancing of Machine8.4 Scheme Design of Mechanical Transmission and Executive SystemGuide of Reference BooksProblems and **ExercisesReferencesAppendix**

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