

<<机械设计（第2册）>>

图书基本信息

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内容概要

The book--Machine Design is intended as a bilingual teaching (Chinese and English) textbook for students who take the course--Machine Design, including two volumes : Mechanisms Design (Vol. 1) and Design of Mechanical Elements (Vol. 2) . This book is the Volume 2 and consists of six chapters. Chapter 1 is general introduction of machine design and design of mechanical elements. Chapter 2 is the design of fastenings including screw fastenings, keys and pins, force fit joints, riveted joints, welded joints, and adhesive bondings. Chapter 3 is the design of gear transmissions including spur gears, helical gears, bevel gears, worm gear and worms. Chapter 4 is the design of flexible mechanical elements including belt drives, chain drives, wire ropes, and flexible shafts. Chapter 5 is the design of shafts and bearings including shafts, rolling bearings, and sliding bearings. Chapter 6 is the design of miscellaneous elements and parts including clutches, brakes, couplings, mechanical springs, speed reducers, and stepless speed changing devices, etc.

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