

1. Record Nr.	UNINA9910451090703321
Titolo	Product development [[electronic resource] ] : a structured approach to consumer product development, design, and manufacture // Anil Mital ... [et al.]
Pubbl/distr/stampa	Amster dam ; ; Boston, MA, : Butterworth-Heinemann, An imprint of Elsevier, c2008
ISBN	1-281-11241-0 9786611112417 0-08-055641-8
Descrizione fisica	1 online resource (444 p.)
Altri autori (Persone)	MitalAnil
Disciplina	658.5/75
Soggetti	New products - Management New products - Marketing Strategic planning Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front cover; Product Development: A Structured Approach to Consumer Product Development, Design, and Manufacture; Copyright page; Table of Contents; Preface; Biographical Sketches; Chapter 1: The Significance of Manufacturing; 1.1 GLOBALIZATION AND THE WORLD ECONOMY; 1.2 IMPORTANCE OF MANUFACTURING; 1.3 WHAT IS MANUFACTURING?; 1.4 SOME BASIC CONCEPTS; 1.5 SUMMARY; References; Chapter 2: Developing Successful Products; 2.1 INTRODUCTION; 2.2 ATTRIBUTES OF SUCCESSFUL PRODUCT DEVELOPMENT; 2.3 KEY FACTORS TO DEVELOPING SUCCESSFUL NEW PRODUCTS; 2.4 STRATEGY FOR NEW PRODUCT DEVELOPMENT; 2.5 SUMMARY ReferencesChapter 3: The Structure of the Product Design Process; 3.1 WHAT IS DESIGN?; 3.2 THE CHANGING DESIGN PROCESS; 3.3 DESIGN PARADIGMS; 3.4 THE REQUIREMENTS FOR DESIGN; 3.5 THE DESIGN PROCESS; 3.6 SUMMARY; References; Chapter 4: Design Review: Designing to Ensure Quality; 4.1 INTRODUCTION; 4.2 PROCEDURES FOR INCORPORATING HIGH QUALITY IN DESIGN STAGES; 4.3 CASE STUDIES;

References; Chapter 5: Consideration and Selection of Materials; 5.1 IMPORTANCE OF MATERIAL SELECTION IN PRODUCT MANUFACTURE; 5.2 ECONOMICS OF MATERIAL SELECTION; 5.3 MATERIAL SELECTION PROCEDURES  
5.4 DESIGN RECOMMENDATIONSReferences; Chapter 6: Selection of Manufacturing Processes and Design Considerations; 6.1 INTRODUCTION; 6.2 DESIGN GUIDELINES; References; Chapter 7: Designing for Assembly and Disassembly; 7.1 INTRODUCTION; 7.2 DESIGN FOR ASSEMBLY; 7.3 DESIGN GUIDELINES FOR DIFFERENT MODES OF ASSEMBLY; 7.4 METHODS FOR EVALUATING DESIGN FOR ASSEMBLY; 7.5 A DESIGN FOR ASSEMBLY METHOD BASED ON MTM STANDARDS; 7.6 A DESIGN FOR ASSEMBLY CASE STUDY; 7.7 DESIGN FOR DISASSEMBLY; 7.8 DESIGN FOR DISASSEMBLY GUIDELINES; 7.9 DISASSEMBLY ALGORITHMS  
7.10 A PROACTIVE DESIGN FOR DISASSEMBLY METHOD BASED ON MTM STANDARDS7.11 A DESIGN FOR DISASSEMBLY CASE STUDY; 7.12 CONCLUDING REMARKS; References; Chapter 8: Designing for Maintenance; 8.1 INTRODUCTION; 8.2 MAINTENANCE ELEMENTS AND CONCEPTS; 8.3 MATHEMATICAL MODELS FOR MAINTAINABILITY; 8.4 PREDICTION MODELS FOR MAINTENANCE; 8.5 A COMPREHENSIVE DESIGN FOR A MAINTENANCE METHODOLOGY BASED ON METHODS TIME MEASUREMENT; 8.6 DEVELOPING AND EVALUATING AN INDEX; 8.7 DESIGN FOR MAINTENANCE CASE STUDY; 8.8 CONCLUDING REMARKS; References; Chapter 9: Designing for Functionality; 9.1 INTRODUCTION  
9.2 CONCURRENT ENGINEERING IN PRODUCT DESIGN9.3 A GENERIC, GUIDELINE-BASED METHOD FOR FUNCTIONALITY; 9.4 THE PROCEDURE FOR GUIDELINE DEVELOPMENT; 9.5 FUNCTIONALITY CASE STUDY: CAN OPENER; 9.6 FUNCTIONALITY CASE STUDY: AUTOMOTIVE BRAKING SYSTEM; References; Chapter 10: Design for Usability; 10.1 INTRODUCTION; 10.2 CRITERIA FOR DESIGNING AND MANUFACTURING USABLE CONSUMER PRODUCTS; 10.3 DESIGN SUPPORT TOOLS AND METHODOLOGIES; 10.4 DESIGN METHODOLOGY FOR USABILITY; 10.5 GENERIC CHECKLIST DESIGN: METHODS AND CASE STUDIES; 10.6 CASE STUDY FOR DEVELOPMENT OF CUSTOMIZED CHECKLISTS  
10.7 CONCLUDING REMARKS

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### Sommario/riassunto

Design and manufacture of new products has always been a team effort; but lately the team has been expanding. No longer can companies afford to keep the product design team working in isolation from the production and manufacturing team, not to mention the financial and accounting team. For today's product development team has to comprise an integrated group of professionals working from the very beginning of new product planning on through design creation and design review and then on to manufacturing planning and cost accounting. Even when a product is conceived and goes into preliminary

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