

<<制冷与空调专业英语>>

图书基本信息

书名：<<制冷与空调专业英语>>

13位ISBN编号：9787115110954

10位ISBN编号：7115110956

出版时间：2003-2-1

出版时间：人民邮电出版社

作者：龙建佑,付里,杨晓翔,黄云云

页数：217

字数：340000

版权说明：本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问：<http://www.tushu007.com>

<<制冷与空调专业英语>>

内容概要

本书以培养学生科技专业英语的阅读能力为主要目标。

首先简要地介绍了科技专业英语的词汇、语法和句式结构的特点，并对阅读技巧和翻译技巧做了说明；然后介绍了制冷与空调专业的基础知识，包括机械设计基础、流体流动与传热、电子技术和控制原理等；接着介绍了制冷与空调专业的专业知识，包括制冷工程原理、空气调节系统、制冷和空调设备，以及设备维修等；最后介绍了制冷与空调专业相关的最新专利和产品说明书。

本书为高职高专制冷与空调专业的专业英语教材，也可作为相关专业学生和工程技术人员的阅读材料。

书籍目录

Unit 1 Introduction 1?Text 1 Language Characteristics of English for Science and Technology 1?Reading Material EST-English for Science and Technology 5?Text 2 Reading Skill of English for Science and Technology 8?Reading Material Features of EST in Style and Structure 10?Text 3 Translation Skill of English for Science and Technology 17?Reading Material Basic Translation Techniques 20?Unit 2 Machine Design Basis 24?Text 1 Newtonian Mechanics 24?Reading Material Couples 29?Text 2 Hooke's Law 34?Reading Materials A. Factor of Safety 36?Reading Materials B. The Tensile Test Diagram 38?Text 3 Machine Design and Design of Machine Element 41?Reading Materials A. Roller Bearings 43?Reading Materials B. Corrosion and Prevention of Corrosion 46?Unit 3 Flow and Heat Transfer of Fluid 50?Text 1 Fluid Mechanics 50?Reading Material Historical Development of Fluid Mechanics 53?Text 2 Convection, Conduction and Radiation 57?Reading Material Experimental Investigation of Heat Exchangers 60?Text 3 The History of Thermodynamics 62?Reading Material Applying the First Law of Thermodynamics 65?Unit 4 Electronic Technology and Control Technology 68?Text 1 Electricity 68?Reading Materials A. Electrical Circuits 71?Reading Materials B. Electrical Meters and Usage 75?Text 2 Introduction to Automatic Control 79?Reading Materials A. Current Starting Relays 81?Reading Materials B. Positive Temperature Coefficient Start Devices 83?Reading Materials C. Fluid Type and Bimetallic Thermostats 85?Text 3 Automatic Control Systems 88?Reading Material Forced Circulation 91?Unit 5 Refrigeration Principle 95?Text 1 Refrigeration History 95?Reading Material Methods of Refrigeration 99?Text 2 Refrigeration System 103?Reading Material The Other Forms of Refrigeration 106?Text 3 Types of Refrigeration Systems 108?Reading Material History of the Refrigerator 112?Unit 6 Air Condition System 115?Text 1 The Father of Cool 115?Reading Material Air conditioning after World War II (1945~1960) 117?Text 2 Air Conditioning Systems 122?Reading Material Automotive Air Conditioning 127?Text 3 The Cooling Load & Heating and Cooling of Buildings by Natural ?Energies-an Overview 130?Reading Material Air Conditioning and Refrigeration 133?Unit 7 Equipments of Refrigeration and Air Condition 136?Text 1 Compression of Gas and Compressors 136?Reading Material Heat Pump Types 140?Text 2 Condensers 145?Reading Material Types of Cooling Towers 152?Text 3 Evaporators 156?Reading Material Throttling Devices 161?Unit 8 Equipment Maintenance of Refrigeration and Air Condition 167?Text 1 Tubing and Soldering 167?Reading Materials A. Air Acetylene 169?Reading Materials B. Oxyacetylene Outfits 171?Text 2 Refrigerant Recovery, Recycling and Reclaim 174?Reading Materials A. Vacuum and Evacuation 177?Reading Materials B. Refrigeration Manifold Gauges 178?Text 3 Troubleshooting 181?Reading Material Servicing 185?Unit 9 Patents, Description of Products and so on 190?Text 1 Outdoor Unit of Separate Type Air Conditioner 190?Reading Material Flake Machine 198?Text 2 Guide Specifications 204?Reading Material Installation 212

版权说明

本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问:<http://www.tushu007.com>