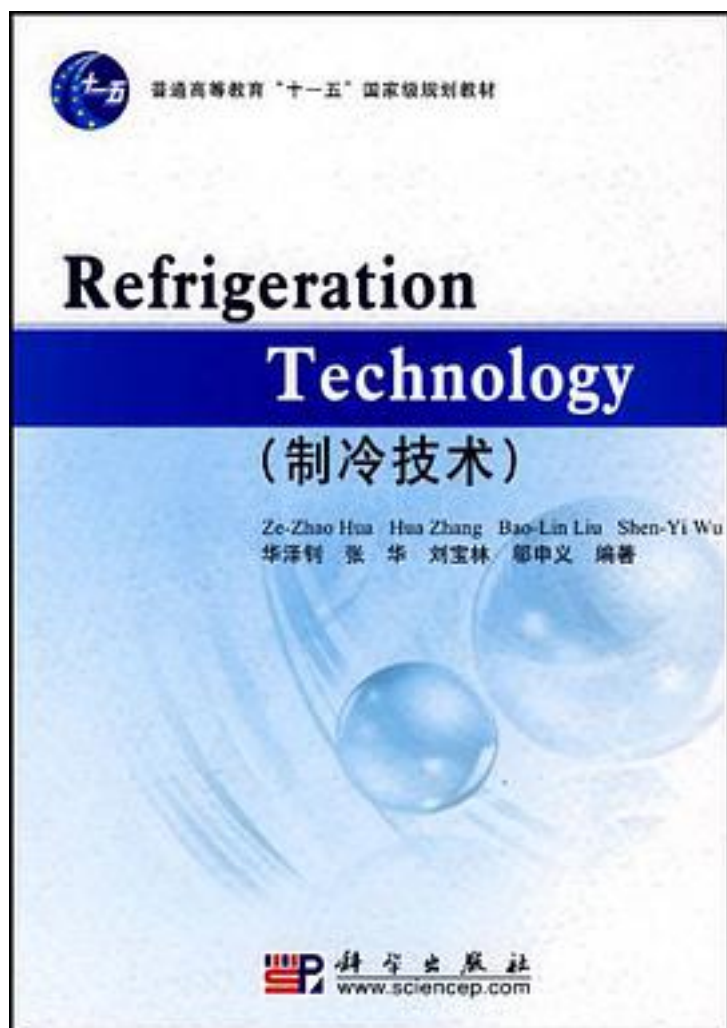


# Refrigeration\_Technology



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《普通高等教育十一五国家级规划教材·制冷技术》为高等教育“十一五”国家级规划

教材，是国内第一本有关制冷技术的英文教材。《普通高等教育十一五国家级规划教材·制冷技术》详细地阐述制冷的基本技术，介绍了近20多年来制冷技术的重要发展，也适当地介绍国内外制冷行业的动态。《普通高等教育十一五国家级规划教材·制冷技术》共13章，包括4个部分。第1部分主要介绍制冷的范畴、应用、发展历史和国内外的学术组织和刊物。第2部分系统叙述制冷原理，讨论制冷循环的热力学分析、使工质降温的基本方法（包括流体制冷工质和固体制冷工质）、气体制冷循环、机械驱动和热驱动的蒸汽压缩制冷循环、蒸汽压缩制冷的循环分析。第3部分详细介绍制冷用的工质，讨论了制冷循环对工质的要求，工质的物理、化学和制冷的特性；某些制冷工质破坏臭氧层和增强温室效应的机理和程度，新的环境友好的制冷工质；同时也介绍了湿空气学与空气处理过程。第4部分介绍蒸汽压缩制冷循环的主要部件和设备，包括压缩机、冷凝器、蒸发器和流量控制部件。

作者介绍:

目录: Part I IntroductionChapter 1 Introduction to Refrigeration 1-1 A Sample of Refrigeration System——Split Room Air Conditioner 1-2 Definition and Scope of Refrigeration 1-3 Main Applications of Refrigeration 1-4 History of Refrigeration in the World 1-5 Refrigeration in China 1-6 Academic Organizations and Journals of Refrigeration in the World 1-7 Academic Organizations and Journals of Refrigeration in China References Part II The Principles of RefrigerationChapter 2 Thermodynamic Analyses of Refrigeration Cycle 2-1 The Laws of Thermodynamics and Their Relation to Refrigeration 2-2 The Refrigeration Cycle and its Main Components 2-3 The Performance of Refrigeration System 2-4 Entropy Analyses Method of Refrigeration System 2-5 Work and Heat Operated Refrigerators 2-6 Lorenz Cycles for Variable Temperature Heat Source and Heat Sink ReferencesChapter 3 Methods,of Decreasing Temperature (I)——Related to Gas and Liquid Refrigerants 3-1 Decreasing Temperature by Adiabatic Throttling——J-T Effect 3-2 Decreasing Temperature by Pressure Reduction in Two Phase Region 3-3 Decreasing Temperature by Adiabatic Expansion of Gas with Doing Work 3-4 Decreasing Temperature by Adiabatic Vortex Ranque Effect 3-5 Decreasing Temperature by Variable Mass System in Unsteady Flow 3-6 Decreasing Temperature by Thermo-Acoustic Effect ReferencesChapter 4 Methods of Decreasing Temperature (II)——Related to Solid Refrigerants 4-1 Decreasing Temperature by Thermo-Electric Peltier Effect 4-2 Decreasing Temperature by Magnetocaloric Effect (Adiabatic Demagnetization) 4-3 Decreasing Temperature by Photo Method ReferencesChapter 5 Vapor and Gas Refrigeration Cycles 5-1 Mechanical Powered Vapor Compression Refrigeration Cycle 5-2 Heat Powered Vapor Compression Refrigeration Cycle (1)——Vapor Absorption Refrigeration 5-3 Heat Powered Vapor Compression Refrigeration Cycle (2)——Vapor Adsorption Refrigeration 5-4 Heat Powered Vapor Compression Refrigeration Cycle (3)——Vapor Jet Refrigeration 5-5 Refrigeration Cycle by Gas Compression and Adiabatic Expansion ReferencesChapter 6 Cycle Analyses of Vapor Compression Refrigeration 6-1 Single-Stage Vapor Compression Refrigeration Systems 6-2 Multi-Stage Vapor Compression Systems 6-3 Cascade Vapor Compression Systems 6-4 Auto Cascade Vapor Compression Systems References Part III The Refrigerants and Other Substances for RefrigerationChapter 7 Introduction of Refrigerants 7-1 Refrigerant in Vapor Compression Refrigeration 7-2 Refrigeration Characteristics of Refrigerants 7-3 Some Important Physical/Chemical Properties of Refrigerants 7-4 Classification and Nomenclature of Refrigerants 7-5 Secondary Refrigerants ReferencesChapter 8 Environmental Friendly Refrigerants 8-1 Ozone Depletion by CFCs in Stratosphere 8-2 Montreal Protocol and its Amendments 8-3 Greenhouse Effect and Global Warming 8-4 Kyoto Protocol 8-5 Global Warming Impacts of Refrigerants 8-6 Fluorinated Refrigerants 8-7 Environmental and Thermal Properties of Natural Refrigerants 8-8 Alternative Refrigerants ReferencesChapter 9

Psychrometry and Air Processes 9-1 Composition and Thermal Properties of Moist Air 9-2 Thermal Properties of Saturated Water and Saturated Moist Air 9-3 Adiabatic Saturation Process and Wet Bulb Temperature 9-4 Approximate Calculation of the Thermal Properties of Moist Air 9-5 Psychrometric Chart 9-6 Air Handling Processes 9-7 Heat and Mass Transfer Between Moist Air and Solid Surface References Part IV The Equipment for Refrigeration CyclesChapter 10 Compressors 10-1 Main Types of Compressors 10-2 Reciprocating Compressors 10-3 Scroll Compressors 10-4 Screw Compressors 10-5 Turbo Compressors 10-6 Roller Type Compressors 10-7 Vane Type Compressors 10-8 Inverter Technology and Inverter Driven Compressors ReferencesChapter 11 Condensing Equipment 11-1 Function and Classification of Condensers 11-2 Water-Cooled Condensers 11-3 Cooling Tower 11-4 Air-Cooled Condensers 11-5 Evaporative Condensers ReferencesChapter 12 Evaporators 12-1 Function and Classification of Evaporators 12-2 Dry-Expansion Evaporators and Flooded Evaporators 12-3 Main Types of Evaporator Construction 12-4 Air Cooler and Spray Air Cooler 12-5 Direct and Indirect Refrigeration Systems ReferencesChapter 13 Refrigerant Flow Control 13-1 Hand Expansion Valves 13-2 Capillary Tube 13-3 Thermostatic Expansion Valves-Superheat Control 13-4 Automatic Expansion Valves-Evaporator Pressure Control 13-5 Electronic Expansion Valves 13-6 The Practical Refrigeration System and its Temperature and Pressure Control ReferencesIndex  
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