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Environmental Control Systems: Heating, Cooling, Lighting

Synopsis

A text/reference for architects and architectural engineering students taking a course on energy methods, this work places emphasis on the impact of heating, cooling and lighting on site of building design and features a variety of case studies as illustration. It includes over 640 diagrams and drawings emphasizing important concepts and over 250 study questions to consolidate learning.

Book Information

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Customer Reviews

This course textbook is an excellent tool for both the beginner and the experienced architect with regard to expanding one's knowledge base on energy designing. The text starts with basic information relating to the environment and site analysis, then provides detailed design concepts for practical use. The materials include current examples for review and study, as well as a wealth of tables and calculation aids for application of the theories studied. Even the individual who just wants a single source for receiving a working knowledge of how to evaluate a site's characteristics with regard to the environment would benefit from this text.

good introduction to heating lighting and cooling systems in buildings. Covers basic physical principles, human response, design response to site and ong emphasis on passive systems with lighter coverage of mechanical and electrical systems. Lots of wroked examples, case studies, design guidelines, and illustrations by the author. Useful both as a text for architecture students as

well as a refresher for practitioners.

Environmental Control Systems: Heating, Cooling, Lighting Heating, Cooling, Lighting: Sustainable Design Methods for Architects Heating, Cooling, Lighting: Sustainable Design Methods for Architects 3th (third) Edition Solar Water Heating--Revised & Expanded Edition: A Comprehensive Guide to Solar Water and Space Heating Systems (Mother Earth News Wiser Living Series) The Solar House: Passive Heating and Cooling Passive Solar Architecture: Heating, Cooling, Ventilation, Daylighting and More Using Natural Flows Heating and Cooling of Buildings: Principles and Practice of Energy Efficient Design, Third Edition (Mechanical and Aerospace Engineering Series) Heating and Cooling Essentials Heating and Cooling Essentials Lab Workbook Practical Problems in Mathematics for Heating and Cooling Technicians (Practical Problems In Mathematics Series) Heating, Ventilation, and Air Conditioning: A Residential and Light Commercial Text & Lab Book (Heating, Ventilating & Air Conditioning) Show Networks and Control Systems: Formerly "Control Systems for Live Entertainment" Warm Air Heating for Climate Control (4th Edition) Automotive Heating and Air Conditioning (7th Edition) (Automotive Systems Books) Audel HVAC Fundamentals, Volume 1: Heating Systems, Furnaces and Boilers Solar PV Off-Grid Power: How to Build Solar PV Energy Systems for Stand Alone LED Lighting, Cameras, Electronics, Communication, and Remote Site Home Power Systems Fashion Shots: A Guide to Professional Lighting Techniques (Pro-Lighting Series) Concert Lighting: The Art and Business of Entertainment Lighting Introduction to Stage Lighting: The Fundamentals of Theatre Lighting Design Set Lighting Technician's Handbook: Film Lighting Equipment, Practice, and Electrical Distribution