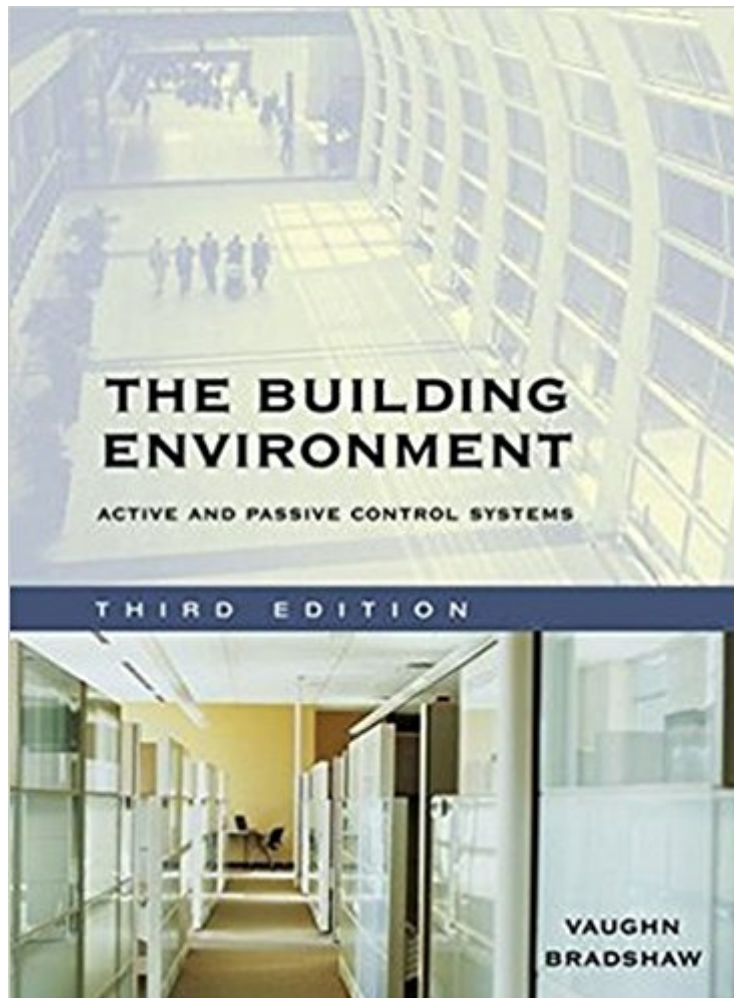




Ebook Directory
the best source of ebook

The book was found

The Building Environment: Active And Passive Control Systems



Synopsis

Get the updated guide to active and passive control systems for buildings. To capitalize on today's rapidly evolving, specialized technologies, architects, designers, builders, and contractors work together to plan the mechanical and electrical equipment that controls the indoor environment of a building. *The Building Environment: Active and Passive Control Systems, Third Edition* helps you take advantage of design innovations and construction strategies that maximize the comfort, safety, and energy efficiency of buildings. From active HVAC systems to passive methods, lighting to on-site power generation, this updated edition explains how to strategically plan for and incorporate effective, efficient systems in today's buildings. It covers the underlying thermal theories and thermodynamic principles and focuses on design that enhances the building environment and minimizes the impact on the world's environment. *The Building Environment* goes beyond the ABCs of HVAC and covers: On-site power generation, including wind turbines, solar photovoltaic cells, fuel cells, and more. Plumbing systems, fire protection, signal systems, conveying systems, and architectural acoustics. Procedures and/or formulas for performing heat loss, heat gain, and energy use calculations, determining the rate of heat flow, calculating solar energy utilization, doing load calculations, and more. Details on the latest building codes and standards references. New information on the sustainable design of building systems and energy efficiency, including new technologies. The latest thinking and data on a building's impact on the environment, indoor air quality, and "sick building syndrome." Design economics, including the payback period, life-cycle cost, comparative value analysis, and building commissioning. A practical on-the-job tool for architects, designers, builders, engineers, contractors, and other specialists, this Third Edition is also a great reference for architecture students who will lead tomorrow's design teams. Visit the companion Web site at www.wiley.com/go/bradshaw.

Book Information

Hardcover: 592 pages

Publisher: Wiley; 3 edition (May 19, 2006)

Language: English

ISBN-10: 0471689653

ISBN-13: 978-0471689652

Product Dimensions: 8.9 x 1.3 x 11.2 inches

Shipping Weight: 3.4 pounds (View shipping rates and policies)

Average Customer Review: 3.9 out of 5 stars 4 customer reviews

Best Sellers Rank: #137,371 in Books (See Top 100 in Books) #31 in Books > Engineering & Transportation > Engineering > Reference > Architecture > Study & Teaching #207 in Books > Arts & Photography > Architecture > Drafting & Presentation #239 in Books > Arts & Photography > Architecture > Buildings

Customer Reviews

"Offers new material on the environment and sustainability along with a broad survey on mechanical/electrical/plumbing systems in buildings. He favors principle concepts over technical detail, providing enough information so the architect may plan for space and access of each system, and have enough knowledge of terminology and function to coordinate effectively with specialists."
(Book News, February 2008)

The updated guide to active and passive control systems for buildings To capitalize on today's rapidly evolving, specialized technologies, architects, designers, builders, and contractors work together to plan the mechanical and electrical equipment that controls the indoor environment of a building. The Building Environment: Active and Passive Control Systems, Third Edition helps architects and builders take advantage of design innovations and construction strategies that maximize the comfort, safety, and energy efficiency of buildings. From active HVAC systems to passive methods, lighting to on-site power generation, this updated edition explains how to strategically plan for and incorporate effective, efficient systems in today's buildings. It covers the underlying thermal theories and thermodynamic principles and focuses on design that enhances the building environment and minimizes the impact on the world's environment. The Building Environment, Third Edition goes beyond the ABCs of HVAC and covers: On-site power generation, including wind turbines, solar photovoltaic cells, fuel cells, and more Plumbing systems, fire protection, signal systems, conveying systems, and architectural acoustics Procedures and/or formulas for performing heat loss, heat gain, and energy use calculations, determining the rate of heat flow, calculating solar energy utilization, doing load calculations, and more Details on the latest building codes and standards references New information on the sustainable design of building systems and energy efficiency, including new technologies The latest thinking and data on a building's impact on the environment, indoor air quality, and "sick building syndrome" Design economics, including the payback period, life-cycle cost, comparative value analysis, and building commissioning A practical on-the-job tool for architects, designers, builders, engineers, contractors, and other specialists, this Third Edition is also a great reference for architecture students who will

lead tomorrow's design teams. Visit the companion Web site: www.wiley.com/go/bradshaw

Great

Mr Bradshaw does an excellent job in presenting an enormous amount of information in a very clear manner. It is an overview, yet it gives very detailed information. It is aimed at architectural students, which I am not, but I needed information and this has helped me enormously.

Hi, I got this text book for one of my classes.it is very helpful, and explains in details and in a simple way, what we need to know.

I really needed this book and after I ordered it I thought great. Then days later I got an email saying They didnt have it so I was being credited. If you dont have the book DONT POST IT!!

[Download to continue reading...](#)

Passive Income Millionaire: Passive Income Streams Online To Make \$200-10,000 A Month In 90 Days And Work From Home (Passive Income, Online Business, Passive Income Streams) The Building Environment: Active and Passive Control Systems PASSIVE INCOME:14 Ways to Make \$5,000 a Month in Passive Income - Online Business Ideas, Home-Based Business Ideas, Passive Income Streams, and More! Passive Income: 5 Ways to Make Passive Income While You Sleep: Take a Step Closer to Financial Freedom (Financial freedom, Internet marketing, Business online, Passive income Book 1) Passive Income Strategies: Practical Ways to Make Passive Income Even With a Full-Time Job: Lifestyle changes that bring in passive income Passive Income: The Ultimate Guide to Financial Freedom: (Multiple Passive Income Streams, Quit Your Job, Passive Income Ideas, Make Money Online, Financial Freedom) Passive Income: Four Beginner Business Models to Start Creating Passive Income Online (Passive Income Streams, Online Startup, Make Money Online, Financial Freedom Book 1) PASSIVE INCOME :MUTUAL FUND (Book #3): Make Your Money Work for you by Mutual Fund (passive income in 90 days,passive income top 7 ways to make \$500-\$10k a month in 70 days) (MONEY IS POWER) PASSIVE INCOME: TOP 7 WAYS to MAKE \$500-\$10K a MONTH in 70 DAYS (top passive income ideas, best passive income streams explained, smart income online, proven ways to earn extra income) Passive Income Online: 5 Highly Profitable Ways To Make Money Online (Passive Income, Automatic Income, Network Marketing, Financial Freedom, Passive Income Online, Start Ups, Retire, Wealth, Rich) The Passive Solar Energy Book: A Complete Guide to Passive Solar Home, Greenhouse and Building Design

Passive Income: Make Money Online using Airbnb: A Step-By-Step Guide to build a passive income stream of \$2000 a month using Airbnb and achieve financial ... Online, Work from Home and More Book 1) Passive Income: 25+ Easy Ways to Start an Online Business, Create a Passive Income Stream, and Achieve Financial Freedom - How to Start an Online Business and Make Money from Home Passive Income: 30 Strategies and Ideas To Start an Online Business and Acquiring Financial Freedom (Passive Income, Online Business, Financial Freedom,) The Passive Voice and Reported Speech: Your grammar torch to shed light on passive voice, reported speech, complex subject, complex object and cleft (Brookgarbolt's treasure Book 2) How to Make \$100,000 Per Year in Passive Income and Travel the World: The Passive Income Guide to Wealth and Financial Freedom The Passage To Passive Income: Generate Truckloads Of Passive Income And Live The Four Hour Work Week Passive Income: Learn How to Make Money Online through Affiliate Marketing: Passive, Income, Money, Forex, Sales, Financial, Entrepreneurship Passive Income 101: Over 5 Smart Passive Income Ideas to Make You Money While You Sleep! Passive Income: A Step-by-Step Guide to Build a Passive Income Stream of \$5,000 a Month Using Airbnb, Volume 1

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)