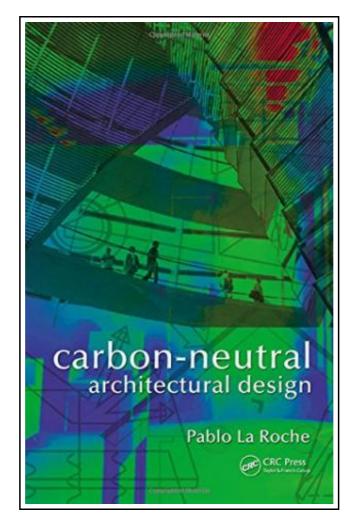
## Carbon-Neutral Architectural Design



Filesize: 1.66 MB

### **Reviews**

This ebook may be worth purchasing. it absolutely was writtern quite flawlessly and beneficial. I discovered this ebook from my dad and i suggested this pdf to discover. (Maximilian Wilkinson DDS)

#### CARBON-NEUTRAL ARCHITECTURAL DESIGN



Taylor & Francis Inc. Hardback. Book Condition: new. BRAND NEW, Carbon-Neutral Architectural Design, Pablo M. La Roche, The energy used to operate buildings is one of the most significant sources of greenhouse gas emissions. To lessen the human impact on climate, it is necessary to reduce these building-related emissions. New legislation, as well as market and financial pressures, are driving architects and developers to create lowcarbon buildings. While it is possible to achieve many of these reductions through appropriate climateresponsive design, many architects are not trained to do this. Filling an urgent need for a design reference in this emerging field, Carbon-Neutral Architectural Design describes how to reduce building-related greenhouse gas emissions through appropriate design techniques. This full-color book presents strategies and methods to achieve CO2 reductions, with an emphasis on control of energy flows through the building envelope and passive heating and cooling strategies. Strategies for Designing Buildings with a Smaller Carbon Footprint Examining climate change and its relationship with buildings, the book begins with a look at the sources of emissions and how these are produced as a result of interactions between buildings and the surrounding environment. It then introduces a carbon-neutral architectural design process (CNDP) and a roadmap that can be adjusted for different types of projects. Discussing climate analysis and solar geometry, the book explores how understanding the climate where a building is located helps to identify the design strategies that are best suited to that location-whether warm and humid, warm and dry, temperate, or cold. It looks at psychrometrics and how to achieve thermal comfort with minimum emissions. The book also explains how building fabric can be used to control energy flows by conduction, radiation, and convection-helping to reduce overheating and overcooling-and how to incorporate passive cooling and heating systems through appropriate design. The book...

- Read Carbon-Neutral Architectural Design Online
- Download PDF Carbon-Neutral Architectural Design

### Other Kindle Books



# Owl Notebook: Owl Gifts / Presents [ Small Ruled Writing Journals / Notebooks with Mom Baby Owls ]

Createspace, United States, 2015. Paperback. Book Condition: New. 203 x 127 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Owl Gifts - Plain Ruled Softback Notebook [.50/3.59] A handy smART...

Download eBook »



# Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large

Madelyn D R Books. Paperback. Book Condition: New. Paperback. 106 pages. Dimensions: 9.0in. x 6.0in. x 0.3in. This book is about my cousin, Billy a guy who taught me a lot over the years and who...

Download eBook »



#### Book Finds: How to Find, Buy, and Sell Used and Rare Books (Revised)

Perigee. PAPERBACK. Book Condition: New. 0399526544 Never Read-12+ year old Paperback book with dust jacket-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy- I...

Download eBook »



Klara the Cow Who Knows How to Bow (Fun Rhyming Picture Book/Bedtime Story with Farm Animals about Friendships, Being Special and Loved. Ages 2-8) (Friendship Series Book 1)

Createspace, United States, 2015. Paperback. Book Condition: New. Apoorva Dingar (illustrator). Large Print. 214 x 149 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*\*. Klara is a little different from the other...

Download eBook »



Self Esteem for Women: 10 Principles for Building Self Confidence and How to Be Happy in Life (Free Living, Happy Life, Overcoming Fear, Beauty Secrets, Self Concept)

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English. Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Self Esteem for Women 10 Principles for building self confidence and how to...

Download eBook »