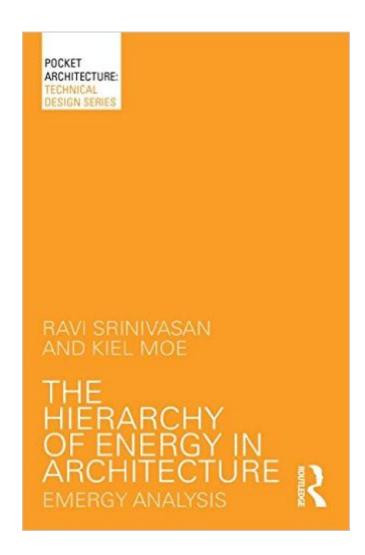
The book was found

The Hierarchy Of Energy In Architecture: Emergy Analysis (PocketArchitecture)





Synopsis

The laws of thermodynamicsa •and their implications for architecturea •have not been fully integrated into architectural design. Architecture and building science too often remain constrained by linear concepts and methodologies regarding energy that occlude significant quantities and qualities of energy. The Hierarchy of Energy in Architecture addresses this situation by providing a clear overview of what energy is and what architects can do with it. Building on the emergy method pioneered by systems ecologist Howard T. Odum, the authors situate the energy practices of architecture within the hierarchies of energy and the thermodynamics of the large, non-equilibrium, non-linear energy systems that drive buildings, cities, the planet and universe. Part of the PocketArchitecture series, the book is divided into a fundamentals section, which introduces key topics and the emergy methodology, and an applications section, which features case studies applying emergy to various architectural systems. The book provides a concise but rigorous exposure to the system boundaries of the energy systems related to buildings and as such will appeal to professional architects and architecture students.

Book Information

Series: PocketArchitecture

Paperback: 168 pages

Publisher: Routledge (August 8, 2015)

Language: English

ISBN-10: 1138803537

ISBN-13: 978-1138803534

Product Dimensions: 4.8 x 0.3 x 7.2 inches

Shipping Weight: 6.4 ounces (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #639,235 in Books (See Top 100 in Books) #56 in Books > Crafts, Hobbies & Home > Home Improvement & Design > Energy Efficiency #168 in Books > Arts & Photography > Architecture > Project Planning & Management #278 in Books > Engineering & Transportation > Engineering > Reference > Architecture > Methods & Materials

Download to continue reading...

The Hierarchy of Energy in Architecture: Emergy Analysis (PocketArchitecture) Life Cycle
Assessment (PocketArchitecture) Maslow's Hierarchy of Needs: Understand the true foundations of
human motivation (Management & Marketing Book 9) Renewable Energy Made Easy: Free Energy

from Solar, Wind, Hydropower, and Other Alternative Energy Sources Low Energy Low Carbon Architecture: Recent Advances & Future Directions (Sustainable Energy Developments) Analytics: Data Science, Data Analysis and Predictive Analytics for Business (Algorithms, Business Intelligence, Statistical Analysis, Decision Analysis, Business Analytics, Data Mining, Big Data) Energy Accounts: Architectural Representations of Energy, Climate, and the Future Energy from the Sun: Solar Power (Next Generation Energy) The Homeowner's Guide to Renewable Energy: Achieving Energy Independence Through Solar, Wind, Biomass, and Hydropower Toward a Zero Energy Home: A Complete Guide to Energy Self-Sufficiency at Home The Renewable Energy Handbook: A Guide to Rural Energy Independence, Off-Grid and Sustainable Living Energy from Wind: Wind Farming (Next Generation Energy) The Renewable Energy Home Handbook: Insulation & energy saving, Living off-grid, Bio-mass heating, Wind turbines, Solar electric PV generation, Solar water heating, Heat pumps, & more CHAKRAS: Chakras for Beginners - Awaken Your Internal Energy and Learn to Radiate Positive Energy and Start Healing (Chakras, Chakras For Beginners, Awaken Chakras, Third Eye) Crystal Healing: How crystal healing works, crystal therapy, the human energy field, gemstones, and how to use crystals for healing and increased energy! Introduction to Hydro Energy Systems: Basics, Technology and Operation (Green Energy and Technology) Airborne Wind Energy (Green Energy and Technology) Cape Wind: Money, Celebrity, Energy, Class, Politics, and the Battle for Our Energy Future Energy for the 21st Century: Opportunities and Challenges for Liquefied Natural Gas (LNG) (New Horizons in Environmental and Energy Law series) Directed Energy Weapons: Physics of High Energy Lasers (HEL)

<u>Dmca</u>