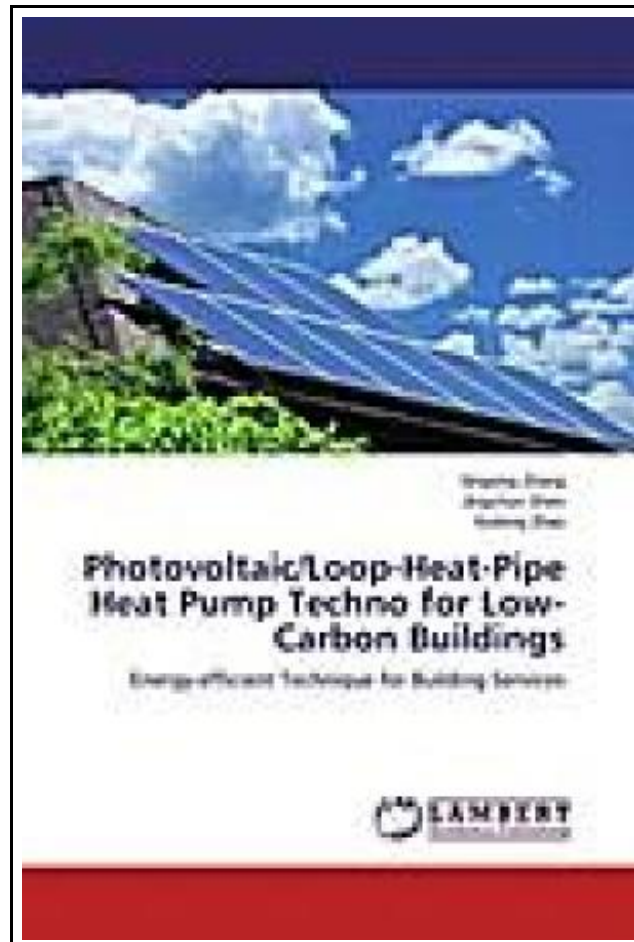


Photovoltaic/Loop-Heat-Pipe Heat Pump Techno for Low-Carbon Buildings



Filesize: 2.35 MB

Reviews

Extensive information for ebook fans. It generally is not going to expense a lot of. I discovered this publication from my dad and i suggested this ebook to discover.

(Ivah West)


PHOTOVOLTAIC/LOOP-HEAT-PIPE HEAT PUMP TECHNO FOR LOW-CARBON BUILDINGS




To download **Photovoltaic/Loop-Heat-Pipe Heat Pump Techno for Low-Carbon Buildings** PDF, make sure you click the web link below and download the document or have access to additional information which are have conjunction with PHOTOVOLTAIC/LOOP-HEAT-PIPE HEAT PUMP TECHNO FOR LOW-CARBON BUILDINGS book.

LAP Lambert Academic Publishing Okt 2014, 2014. Taschenbuch. Book Condition: Neu. 220x150x14 mm. This item is printed on demand - Print on Demand Neuware - With the widespread deployment of solar photovoltaic (PV) and thermal devices imminent, this research aims to resolve some engineering barriers to the existing solar photovoltaic/thermal (PV/T) technologies by incorporating an innovative loop heat pipe (LHP) and a typical heat pump. In addition, a coated aluminium-alloy (Al-alloy) sheet replaces the conventional baseboard for the PV cells to improve heat exportation. As a result, this research has developed a novel solar PV/LHP heat pump system to maximise the electrical output of a PV module and generate an additional amount of heat simultaneously. The overall investigation follows procedures for a critical literature review, optimal concept design, mathematical derivation, the development of simulation models, prototype fabrication, laboratory-controlled and field testing, simulation model validation and socio-economic analysis. The research results are expected to configure feasible solutions for future PV/T technologies and develop a new solar-driven heating system. The core technologies may enable a significant reduction in or even elimination of the carbon footprint in the built environment. 232 pp. Englisch.

 [Read Photovoltaic/Loop-Heat-Pipe Heat Pump Techno for Low-Carbon Buildings Online](#)

 [Download PDF Photovoltaic/Loop-Heat-Pipe Heat Pump Techno for Low-Carbon Buildings](#)

 [Download ePUB Photovoltaic/Loop-Heat-Pipe Heat Pump Techno for Low-Carbon Buildings](#)

Relevant Books



[PDF] Psychologisches Testverfahren

Click the link listed below to read "Psychologisches Testverfahren" document.

[Read PDF »](#)



[PDF] Programming in D

Click the link listed below to read "Programming in D" document.

[Read PDF »](#)



[PDF] Adobe Indesign CS/Cs2 Breakthroughs

Click the link listed below to read "Adobe Indesign CS/Cs2 Breakthroughs" document.

[Read PDF »](#)



[PDF] Studyguide for Social Studies for the Preschool/Primary Child by Carol Seefeldt ISBN: 9780137152841

Click the link listed below to read "Studyguide for Social Studies for the Preschool/Primary Child by Carol Seefeldt ISBN: 9780137152841" document.

[Read PDF »](#)



[PDF] Very Short Stories for Children: A Child's Book of Stories for Kids

Click the link listed below to read "Very Short Stories for Children: A Child's Book of Stories for Kids" document.

[Read PDF »](#)



[PDF] Yearbook Volume 15

Click the link listed below to read "Yearbook Volume 15" document.

[Read PDF »](#)



[PDF] EU Law Directions (Paperback)

Click the link under to get "EU Law Directions (Paperback)" document.

[Download eBook »](#)



[PDF] The Golden Spinning Wheel, Op. 109 / B. 197: Study Score (Paperback)

Click the link under to get "The Golden Spinning Wheel, Op. 109 / B. 197: Study Score (Paperback)" document.

[Download eBook »](#)



[PDF] Cinderella: The Real Story: Red (KS2) A/5c

Click the link under to get "Cinderella: The Real Story: Red (KS2) A/5c" document.

[Download eBook »](#)



[PDF] Children s Handwriting Book of Alphabets and Numbers: Over 4,000 Tracing Units for the Beginning Writer (Paperback)

Click the link under to get "Children s Handwriting Book of Alphabets and Numbers: Over 4,000 Tracing Units for the Beginning Writer (Paperback)" document.

[Download eBook »](#)



[PDF] Symphonic Variations, Op. 78 / B. 70: Study Score (Paperback)

Click the link under to get "Symphonic Variations, Op. 78 / B. 70: Study Score (Paperback)" document.

[Download eBook »](#)



[PDF] The Water Goblin, Op. 107 / B. 195: Study Score (Paperback)

Click the link under to get "The Water Goblin, Op. 107 / B. 195: Study Score (Paperback)" document.

[Download eBook »](#)