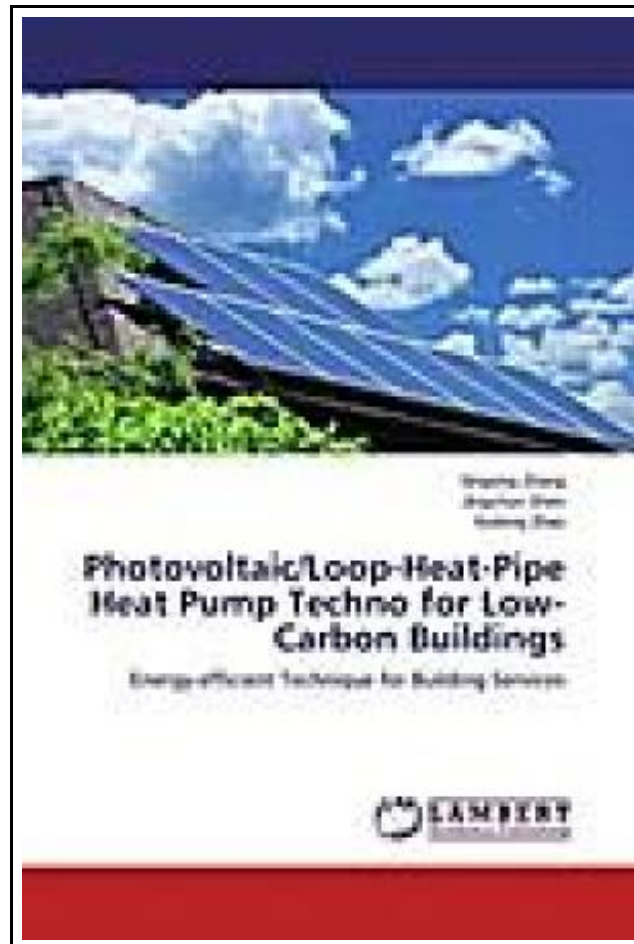


Photovoltaic/Loop-Heat-Pipe Heat Pump Techno for Low-Carbon Buildings



Filesize: 7.52 MB

Reviews

Absolutely essential read through ebook. Better then never, though i am quite late in start reading this one. Your life span will likely be change once you total reading this article pdf.

(Jody Veum)

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

DOWNLOAD



To download **Photovoltaic/Loop-Heat-Pipe Heat Pump Techno for Low-Carbon Buildings** eBook, make sure you refer to the web link below and save the document or gain access to additional information which might be related to 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](#)

You May Also Like



[PDF] Psychologisches Testverfahren

Follow the link beneath to download "Psychologisches Testverfahren" file.

[Read ePub »](#)



[PDF] Programming in D

Follow the link beneath to download "Programming in D" file.

[Read ePub »](#)



[PDF] Adobe Indesign CS/Cs2 Breakthroughs

Follow the link beneath to download "Adobe Indesign CS/Cs2 Breakthroughs" file.

[Read ePub »](#)



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

Follow the link beneath to download "Studyguide for Social Studies for the Preschool/Primary Child by Carol Seefeldt ISBN: 9780137152841" file.

[Read ePub »](#)



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

Follow the link beneath to download "Very Short Stories for Children: A Child's Book of Stories for Kids" file.

[Read ePub »](#)



[PDF] By the Fire Volume 1

Follow the link beneath to download "By the Fire Volume 1" file.

[Read ePub »](#)