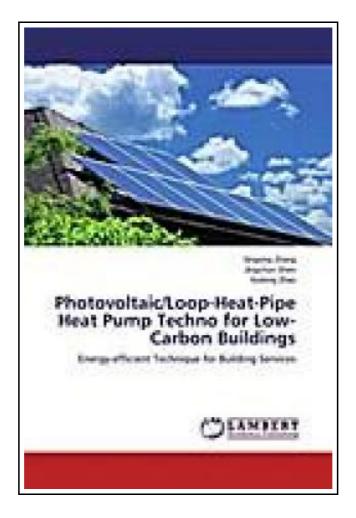
Photovoltaic/Loop-Heat-Pipe Heat Pump Techno for Low-Carbon Buildings



Filesize: 6.79 MB

Reviews

Undoubtedly, this is actually the best operate by any publisher. It is among the most amazing pdf i have got read. Its been printed in an exceptionally straightforward way which is just after i finished reading this book in which actually altered me, change the way i believe.

(Deonte Kohler PhD)

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



To download Photovoltaic/Loop-Heat-Pipe Heat Pump Techno for Low-Carbon Buildings eBook, remember to follow the hyperlink under and download the file or have access to other information that are 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

Click the hyperlink listed below to download "Psychologisches Testverfahren" PDF file.

Download Document »



[PDF] Programming in D

Click the hyperlink listed below to download "Programming in D" PDF file.

Download Document »



[PDF] Adobe Indesign CS/Cs2 Breakthroughs

Click the hyperlink listed below to download "Adobe Indesign CS/Cs2 Breakthroughs" PDF file.

Download Document »



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

Click the hyperlink listed below to download "Studyguide for Social Studies for the Preschool/Primary Child by Carol Seefeldt ISBN: 9780137152841" PDF file.

Download Document »



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

Click the hyperlink listed below to download "Very Short Stories for Children: A Child's Book of Stories for Kids" PDF file.

Download Document »



[PDF] By the Fire Volume 1

Click the hyperlink listed below to download "By the Fire Volume 1" PDF file.

Download Document »