

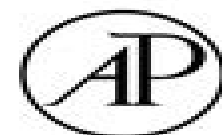
Solar Energy Engineering Processes and Systems

Second Edition

Soteris A. Kalogirou



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Solar Energy Engineering Processes And Systems

**Ahmed Rachid,Aytac Goren,Victor
Becerra,Jovana Radulovic,Sourav
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Solar Energy Engineering and Applications Ahmed Rachid, Aytac Goren, Victor Becerra, Jovana Radulovic, Sourav Khanna, 2023-02-14 Solar Energy Engineering and Applications gives a general and concise presentation of solar energy from a practical engineering perspective The book provides readers with a comprehensive accessible and intuitive introduction to proven methods and tools for the design implementation and monitoring of solar energy systems and associated auxiliary technologies without

covering detailed in depth physics Coverage includes key aspects of solar energy such as photovoltaic solar cells and systems battery technologies solar concentrators and hybrid photovoltaic thermal systems Application areas such as homes buildings solar farms street lighting vehicles and dryers are discussed The methods for connecting solar farms and other photovoltaic installations to power distribution systems are explored in the context of smart grid technologies that are available to facilitate such connections The book will be a valuable professional reference for practicing engineers and researchers involved in the applications of solar energy

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