



## Principles of Solar Engineering (Hardback)

By D. Yogi Goswami

Taylor Francis Inc, United States, 2015. Hardback. Condition: New. 3rd Revised edition. Language: English . Brand New Book. An Engineering-Based Survey of Modern Solar Energy Concepts and Practical Applications Reflecting major developments in solar energy since the publication of the last edition, Principles of Solar Engineering, Third Edition follows the changes in energy policies that have led to the rapid growth of solar energy systems. This latest edition focuses on the fundamentals and the design of systems for various applications including building, heating and cooling, industrial process heat, electric power plants (including PV and CSP), and environmental systems. What s New in the Third Edition: The third edition introduces new topics that include organic and dye sensitized solar cells in the photovoltaics chapter, advanced thermodynamic power cycles such as supercritical CO2 cycle and information on design software packages. The chapters on solar radiation and solar thermal collectors have been completely changed. Because of its increased importance, solar thermal power is covered in much more depth than in the previous edition. The book contains increased coverage of high temperature thermal storage for CSP in the chapter for energy storage and transport. It changes many end-of-chapter problems, provides examples and problems for...



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