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Advancements in CSP Plant Design and Simulation -- 9.2.1 Calculating Energy Yield -- 9.3 Economic Simulation -- 9.4 Solar Thermal Power Plant Design Procedure -- 9.5 Multivariable Optimization of Concentrating Solar Power (CSP) Plants -- 9.6 Overview of Optimization Methods.
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Sommario/riassunto

"This advanced level book explores both theoretical issues and offers practical perspectives on concentrated solar power (CSP), presenting a unique, single source for a complete overview of the performance assessment tools and methods currently used for CSP technology, with case studies and examples. CSP is poised to become a significant component of the future clean energy mix, and this book provides a thorough overview of this fascinating technology, including everything from the underlying science to system design, development, and applications. Encompassing a wide range of topics from traditional energy sources to the complexities of concentrating solar power technology, this comprehensive approach guarantees that readers may acquire a comprehensive comprehension of the subject."--