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Nota di contenuto	Introduction to CSP systems and performance / P. Heller -- Principles of CSP performance assessment / N. Janotte, S. Wilbert, F. Sallaberry, M. Schroedter-Homscheidt, L. Ramirez -- Mirrors / A. Fernandex-Garcia, F. Sutter, J. Fernadnindex-Reche, E. Lupfert -- Receivers / J. Pernpeintner -- System performance measurements / U. Herrmann, D. Kearney, M. Roger, C. PrahI -- Assessment of durability and accelerated aging methodology / R. Sutter, A. Ferandex-Garcia, J. Wette, F. Wiesinger -- New methods and instruments for performance and durability assessment / M. Roger, C. PrahI, J. Pernpeintner, F. Sutter -- Methods to provide meteorological forecasts for optimum CSP systems operations / M. Schroedter-Homscheidt, S. Wilbert.
Sommario/riassunto	The Performance of Concentrated Solar Power (CSP) Systems: Analysis, Measurement, and Assessment offers a unique overview of the information on the state-of-the-art of analysis, measurement, and assessment of the performance of concentrated solar power (CSP) components and systems in a comprehensive, compact, and complete manner. Following an introductory chapter to CSP systems and the fundamental principles of performance assessment, individual chapters explore the component performance of mirrors and receivers. Further expert-written chapters look at system performance assessment,

durability testing, and solar resource forecasting for CSP systems. A final chapter gives an outlook on the actual methods and instruments for performance and durability assessment that are under development. The Performance of Concentrated Solar Power (CSP) Systems: Analysis, Measurement, and Assessment is an essential reference text for research and development professionals and engineers working on concentrated solar power systems, as well as for postgraduate students studying CSP. Presents a unique, single literature source for a complete overview of the performance assessment tools and methods currently used for concentrated solar power (CSP) technology Written by a team of experts in the field of CSP Provides information on the state-of-the-art of modeling, measurement, and assessment of the performance of CSP components and systems in a comprehensive, compact, and complete manner

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