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Nota di contenuto	Optimization of design parameters of straight-channel printed circuit heat exchanger for supercritical CO2 Brayton cycle based concentrating solar power plants -- Net zero energy assessment of multi-storied residential buildings integrated with onsite solar rooftop PV System -- Energy efficient field emission characteristics of graphene wrapped zinc oxide rods.
Sommario/riassunto	This book presents the proceedings of the 9th edition of the International Conference on Advances in Energy Research (ICAER 2023) and delves into the research trends of energy systems in terms of generation, storage and distribution so they can become more sustainable in the future. The topics covered include conventional, non-conventional and renewable energy technologies, energy storage and conversion, energy policy, energy economics, energy efficiency and management, electric vehicles and smart grids and the social and environmental aspects of energy. The topics presented in the book are a combination of experimental and modeling studies which include

simulation, design and optimization of the systems. This proceedings volume is a compendium of the latest advances in energy research for scientific researchers, policymakers, academicians, and industry experts. It is also expected to benefit economists, rural activists, and social scientists, among others.