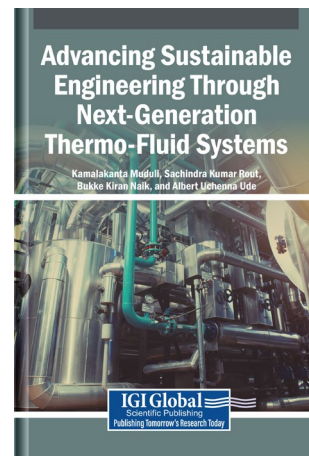


Advancing Sustainable Engineering Through Next-Generation Thermo-Fluid Systems

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Description:

Advancing sustainable engineering requires innovation approaches to energy efficiency, resource management and environmental impact reduction. These systems that encompass all thermal energy technologies play a critical role in sectors ranging from renewable energy and transportation. By optimizing the behavior fluids and thermal processes, engineers are developing smarter and more resilient solutions that align with global, sustainability goals. As the demand for low-carbon technologies accelerates, thermo-fluid innovations are proving essential to shaping a more sustainable and energy-efficient future.

Advancing Sustainable Engineering Through Next-Generation Thermo-Fluid Systems explores the advancements in thermo-fluid engineering, emphasizing the integration of technologies. This book connects thermo-fluid systems with sustainability goals, exploring renewable energy integration, lifecycle efficiency, and environmental impact, offering a broader perspective. Covering topics such as thermos-fluids, sustainability, and climate change, this book is an excellent resource for researchers, academics, industry professionals, graduate students, and policymakers.

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