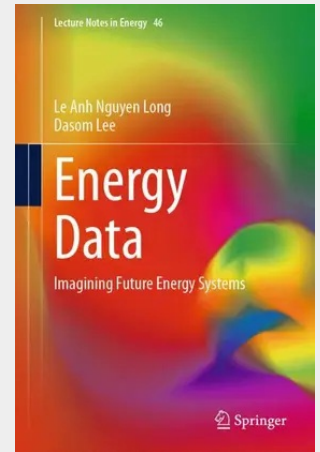


Energy Data

Imagining Future Energy Systems

This book explores energy data through its impact on the built and natural environment, social equity, and environmental sustainability. It leverages responsible innovation and problem shifting as paradigms to understand the current benefits and challenges at different stages of energy data, beginning with the production of energy data to energy data sharing, and its management and storage. Responsible innovation designs and delineates the processes, strategies, and norms of innovation, and problem shifting examines the shortfalls of a responsibility that creates solutions for a focal group while handing burdens to another. The book also interrogates current energy data ethics and energy data governance by considering possible alternatives like data donation, consumption corridors, and imaginary future generations for re-imagining energy data. Energy data is both an outcome and a driver of energy technology and social dynamics; thus, they can bring about significant changes to existing technological infrastructures and processes.

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