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Nota di contenuto	Thermal comfort in the tropical urban context A study of residential housing in Ho Chi Minh City (Vietnam) -- Assessing Indoor Hygrothermal Conditions in Unfavourable Scenarios Open Windows in a Residential Building in the Coastal Mediterranean Summer Climate -- Thermal comfort in semi-open spaces Mediterranean climate (Royal Alcazar of Seville) -- Greening the Deal Climate Change adaption through Circularity and Energy Efficiency in Buildings -- Bioclimatic approaches for the adaptation of cities and building to climate change in Uruguay -- Sustainable architecture: multi family housing with shipping containers -- Technical and economic comparison between the execution project of a building under the passivhaus standard and its implementation on site -- Technical economic evaluation of the energy efficiency of a building of the Technical University of Manabí Portoviejo Ecuador -- Solar energy consumption and energy poverty in the mediterranean coast -- Energy management in buildings.

Sommario/riassunto

This book evaluates the impact of climate conditions on adaptive strategies, diagnoses prosumers' energy patterns in Positive Energy Buildings, and assesses the social and global dimensions of energy poverty. Addressing the pressing challenges of energy efficiency and climate change adaptation, the book investigates the intricate realm of low and positive energy buildings, demonstrating innovative approaches essential for an environmentally inclusive society. With a focus on thermal comfort, climate change effects, and energy efficiency, the chapters present a diverse array of studies from tropical and Mediterranean climates to worldwide practical cases. By merging dynamic and adaptive energy measures, this book pioneers an holistic approach, crucial for policymakers, stakeholders, academics, and researchers in propelling the transition toward sustainable energy solutions.