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Sommario/riassunto	This book is a compilation of selected papers from the 5th International Conference on Building Energy and Environment (COBEE2022), held in Montreal, Canada, in July 2022. The work focuses on the most recent technologies and knowledge of building energy and the environment, including health, energy, urban microclimate, smart cities, safety, etc. The contents make valuable contributions to academic researchers, engineers in the industry, and regulators of buildings. As well, readers encounter new ideas for achieving healthy, comfortable, energy-efficient, resilient, and safe buildings.