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This book explores cutting-edge topics on hydrogen and fuel cell technologies in aviation. Coverage includes comparisons with conventional technologies, hydrogen storage options, energy management strategies, life cycle assessment, and application of fuel cells in different aerial vehicle classes. It also offers insights into recent progress and new technological developments in the field, along with case studies and practical applications. Fuel Cell and Hydrogen Technologies in Aviation is an invaluable guide for students, researchers, and engineers working on sustainable air transportation and the performance and environmental analysis of fuel cell-powered aerial vehicles.
