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Autore	Martino Marco
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Sommario/riassunto	In this book, we propose a collection of scientific and review articles on the production of hydrogen. The articles focus on the controlled storage and release of hydrogen; on the production of hydrogen from reforming from renewable sources, water splitting, and biological and photonic methods; on the intensification of the water gas shift process; and on the integration with purification methods such as pressure swing adsorption.