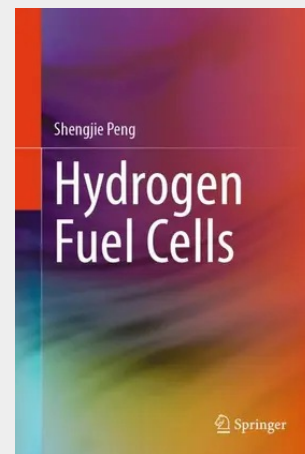


Hydrogen Fuel Cells

This book introduces in detail the different types of hydrogen fuel cells, including alkaline fuel cells, proton exchange membrane fuel cells, solid oxide fuel cells, phosphate fuel cells, molten carbonate fuel cells, direct liquid fuel cells, etc., and discusses their operating principles, performance characteristics and application fields in depth. Readers will be able to comprehensively understand the current status and future development trends of fuel cell technology to provide technical support for hydrogen energy applications. The last two chapters of the book also introduce the automotive application and development of alkaline fuel cells, and the application of hydrogen-powered transportation equipment in the field of national defense. This book is not only suitable as a teaching material or teaching reference book for senior undergraduate and graduate students of relevant majors in colleges and universities, but also suitable for scientific and technological workers engaged in scientific research and technology research and development of new energy materials and devices and related fields.

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