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## Fuel Cell Fundamentals 2nd Edition

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Fuel Cell Fundamentals: Amazon.co.uk: Ryan O Hayre, Suk

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A complete, up-to-date, introductory guide to fuel cell technology and application. Fuel Cell Fundamentals provides a thorough introduction to the principles and practicalities behind fuel cell technology. Beginning with the underlying concepts, the discussion explores fuel cell thermodynamics, kinetics, transport, and modeling before moving into the application side with guidance on system types and design, performance, costs, and environmental impact.

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Fuel Cell Fundamentals | Wiley Online Books

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In Chapter 12, different fuel cell systems are described, mainly focusing on their operation principles and characteristics, technologies, and fuel supplies. Vehicular applications of fuel cells are also explained. In Chapter 13,

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the systematic design of fuel cell hybrid drive trains is introduced.

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## Fundamentals, Theory, and Design

In addition to covering the basic principles of fuel cells and hydrogen technologies, the book examines the principles and methods to develop and test fuel cells, the evaluation of the performance and lifetime of fuel cells and the concepts of hydrogen production.

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Fuel Cells and Hydrogen | ScienceDirect

Modern Electric, Hybrid Electric, and Fuel Cell Vehicles:

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Fuel Cell Fundamentals - Ryan O'Hayre, Suk-Won Cha ...

The book is divided in two parts: The first (and largest part), "Fuel Cell Principles" focuses on basic fuel cell physics. The second part: "Fuel Cell Technology" provides a brief discussion of the practical applications of fuel cell technology. Fuel Cell Fundamentals provides examples,

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