



Fuel Cell Systems Explained (2nd Revised edition)

By James Larminie, Andrew Dicks

SAE International. Hardback. Book Condition: new. BRAND NEW, Fuel Cell Systems Explained (2nd Revised edition), James Larminie, Andrew Dicks, Fuel cell technology is developing at a rapid pace, thanks to the increasing awareness of the need for pollution-free power sources. Moreover, new developments in catalysts and improved reliability have made fuel cells viable candidates in a wide range of applications, from small power stations to cars, to laptop computers and mobile phones. Building on the success of the first edition, Fuel Cell Systems Explained presents a balanced introduction to this growing area. Fully revised and updated this second edition: Provides an essential guide to the principles, design and application of fuel cell systems; Includes full and updated coverage of fuel processing and hydrogen generation and storage systems; Presents a full and clear explanation of the operation of all the major fuel cell types, and an introduction to possible future technology, such as biological fuel cells; Features a new chapter on the direct methanol fuel cell; Now includes examples of modeling, design and engineering of real fuel cell systems; Offers a clear overview of fuel cell operation and thermodynamics; Provides coverage of the complete fuel cell system, including compressors, turbines, and...



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