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Autore	Al-Baghdadi Maher A. R. Sadiq
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Collana	Energy science, engineering and technology series
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""2.4. SOLUTION ALGORITHM""""2.5. MODELLING PARAMETERS""; ""2.6. BOUNDARY CONDITIONS""; ""3. PLANAR AIR-BREATHING PEM FUEL CELL""; ""3.1. INTRODUCTION""; ""3.2. MODELLING DOMAIN AND GEOMETRY""; ""3.3. COMPUTATIONAL PROCEDURE""; ""3.4. RESULTS""; ""3.4.1. Velocity Profile""; ""3.4.2. Oxygen Distribution""; ""3.4.3. Hydrogen Distribution""; ""3.4.4. Current Density Distribution""; ""3.4.5. Cell Temperature Distribution""; ""3.4.6. Activation Overpotential Distribution""; ""3.4.7. Ohmic Overpotential Distribution""; ""3.4.8. Membrane Overpotential Distribution""
""3.4.9. Diffusion Overpotential Distribution""""4. PLANAR MICRO-STRUCTURED AIRBREATHINGPEM FUEL CELL""; ""4.1. INTRODUCTION""; ""4.2. MODELLING DOMAIN AND GEOMETRY""; ""4.3. COMPUTATIONAL PROCEDURE""; ""4.4. RESULTS""; ""4.4.1. Velocity Profile""; ""4.4.2. Oxygen Distribution""; ""4.4.3. Hydrogen Distribution""; ""4.4.4. Current Density Distribution""; ""4.4.5. Cell Temperature Distribution""; ""4.4.6. Activation Overpotential Distribution""; ""4.4.7. Ohmic Overpotential Distribution""; ""4.4.8. Membrane Overpotential Distribution""; ""4.4.9. Diffusion Overpotential Distribution""
""5. PLANAR COMPACTED-DESIGN MICROSTRUCTUREDAIR-BREATHING PEM FUELCELL""""5.1. INTRODUCTION""; ""5.2. MODELLING DOMAIN AND GEOMETRY""; ""5.3. COMPUTATIONAL PROCEDURE""; ""5.4.1. Velocity Profile""; ""5.4.2. Oxygen Distribution""; ""5.4.3. Hydrogen Distribution""; ""5.4.4. Current Density Distribution""; ""5.4.5. Cell Temperature Distribution""; ""5.4.6. Activation Overpotential Distribution""; ""5.4.7. Ohmic Overpotential Distribution""; ""5.4.8. Membrane Overpotential Distribution""; ""5.4.9. Diffusion Overpotential Distribution""; ""5.5. MICRO-SCALE FUEL CELLS""
""6. TUBULAR AIR-BREATHING PEM FUELCELL""

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Autore	Ascher Abraham <1928->
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Nota di contenuto	Front matter -- Acknowledgments -- Contents -- Prologue -- I. In Search of a Cause -- II. A Bakuninist in Conflict -- III. The Turn to Marxism -- IV. The Solitary Years -- V. Expansion and Turbulence -- VI. The Birth of Menshevism -- VII. The Deepening of the Split -- VIII. The Failure of Conciliation -- IX. The Crises of Violence: War and Revolution -- X. Conscience of the Party -- Epilogue -- Bibliography -- Index -- Russian Research Center Studies
Sommario/riassunto	Pavel Borisovich Axelrod was one of the few early leaders of Russian Marxism to come from the lower classes. These origins no doubt made it easier for him than for his comrades to identify fully with the masses he hoped to liberate economically, spiritually, and morally. This is the first full-scale biography of Axelrod, who was the chief ideologist and tactician of the Menshevik party. Abraham Ascher traces and analyzes the development of Menshevism, describes the other radical currents in Russia, including Bakuninism, and illuminates both the ideological struggles and the practical problems of the Marxist leadership. Abraham Ascher bases his study on Axelrod's personal archive as well as on extensive primary and secondary materials.