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Titolo	Single- and multi-phase flows in an electromagnetic field : energy, metallurgical, and solar applications / / edited by Herman Branover, Paul S. Lykoudis, Michael Mond
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Altri autori (Persone)	BranoverHerman <1931-> LykoudisP. S <1926-> (Paul S.) MondMichael
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Nota di contenuto	""Cover""; ""Title""; ""Copyright""; ""Table of Contents""; ""Preface""; ""Chapter I. Laminar MHD Flows""; ""Laminar Duct Flows in Strong Magnetic Fields""; ""Approximate Side Layer Solutions for a Liquid Metal Flow in a Rectangular Duct with a Strong Nonuniform Magnetic Field""; ""Applications of MHD Flows Between Rotating Disks""; ""Unsteady Magnetoaerodynamic Supersonic Flows Past Oscillating Thin Bodies and Lifting Surfaces""; ""Chapter II. MHD and HD Turbulence""; ""Two-Dimensional Behavior of Electrically Driven Flows at High Hartmann Numbers"" ""Transition from Three-Dimensional to Quasi-Two-Dimensional MHD Grid Turbulence"""""Direct Numerical Simulation of Two-Dimensional Turbulence""; ""Experiments in Duct Flows with Reversed Turbulent

Energy Cascades"; ""Direct Numerical Simulation of Three-Dimensional Convection in Liquid Metals"; ""Magneto-Fluid-Mechanic Turbulent Vortex Streets"; ""Numerical Simulation of Homogeneous Turbulence Submitted to Two Successive Plane Strains and to Solid Body Rotation"; ""Sensitivity of Turbulent Channel Flow to the Interactions at the Perimeter""

""Electrogasdynamic and Kinetic Phenomena in Diffuse Electrical Discharges in Turbulent Gas Flows""""Homotopic Structural Invariants in HD and MHD Turbulence"; ""Chapter III. Two-Phase Flows""; ""Liquid Metal Magneto-Fluid-Mechanic Turbulence""; ""Bubble Growth in a Superheated Liquid Metal in a Uniform Magnetic Field""; ""Analysis of Two-Phase MHD Flow in Converging-Diverging Ducts""; ""Stability of Two-Phase Liquid Metal MHD Channel Flow""; ""An Analytical Model for Bubbly Flow""; ""Computer Modeling for Single-Phase Reacting Flow Patterns""

""Two-Phase Flow Measurement Using a Modified Laser Doppler Anemometry System""""Chapter IV. MHD Power Generation and Application to Fission and Fusion Reactors""; ""Liquid Metal MHD Power Generation—Its Evolution and Status""; ""Tin-Water Faraday Generator""; ""The ETGAR Liquid Metal MHD Project""; ""Investigation of a Lithium-Caesium Faraday Converter""; ""The Feasibility of Remote Power Generation Based on LMMHD and Biomass Energy""; ""Interaction of Hall Currents and Turbulent Boundary Layers in Closed-Cycle MHD Experiments""; ""Streamer Dynamics in MHD Generators""

""Magneto-Fluid-Dynamic Issues for Fusion First-Wall and Blanket Systems""""Experiments on a Large Thin-Wall Duct""; ""Demonstration of Flow Couplers for the LMFBR""; ""Disk Generator Performance Prospects""; ""High-Temperature Liquid Metal MHD Solar Thermal Systems""; ""Chapter V. Metallurgical Applications""; ""Metallurgical Applications of MHD""; ""Current Paths and MHD in Vacuum Arc Remelting""; ""Electromagnetic Modelization of Cold Crucibles""; ""Shaping of Liquid Metal Cylinders""; ""Shield Effects in Continuous Electromagnetic Casting""

""Investigation of the Turbulent Flow in an Induction Furnace Supplied with Various Frequencies""

2. Record Nr.	UNINA9910955515903321
Autore	Clarke Fred <1880-1952.>
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Nota di contenuto	CHURCH, COMMUNITY, AND STATE IN RELATION TO EDUCATION; Copyright; CHURCH, COMMUNITY, AND STATE IN RELATION TO EDUCATION; Copyright; CONTENTS; GENERAL INTRODUCTION; LIST OF CONTRIBUTORS; Part 1 THE CRISIS IN EDUCATION; 1. FRED CLARKE; 2. W. ZENKOVSKY; 3. PAUL MONROE; 4. CHARLES R. MORRIS; PART II THE CRISIS IN CHRISTIAN EDUCATION; 5. J.W.D. SMITH; 6. PH. KOHNSTAMM; 7. "X"; 8. J.H. OLDHAM
Sommario/riassunto	This volume was originally prepared for the World Conference on Church, Community and State held in Oxford in 1937. Its aim was to understand the nature of the vital conflict between the Christian faith and the secular tendencies of the early twentieth century, particularly in relation to education. The book also analyses the responsibilities of the Church in this struggle.