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| 1. Record Nr. | UNISALENTO991000620279707536 |
| Autore | Quarta, Francesco |
| Titolo | Palcoscenico / Francesco Quarta ; prefazione di Daniele Giancane |
| Pubbl/distr/stampa | Bari : La Vallisa, 1986 |
| Descrizione fisica | 83 p. ; 22 cm |
| Collana | Quaderni della Nuova poesia |
| Disciplina | 851.914 |
| Lingua di pubblicazione | Italiano |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
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| 2. Record Nr. | UNINA9910967702403321 |
| Titolo | Perspectives in magnetohydrodynamics research / / Victor G. Reyes, editor |
| Pubbl/distr/stampa | New York, : Nova Science Publishers, 2011 |
| ISBN | 1-62100-128-8 |
| Edizione | [1st ed.] |
| Descrizione fisica | 1 online resource (154 p.) |
| Collana | Earth sciences in the 21st century
Space science, exploration and policies |
| Altri autori (Persone) | ReyesVictor G |
| Disciplina | 538/.6 |
| Soggetti | Magnetohydrodynamics |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Intro -- Contents -- Preface -- MHD Free Convection in a Porous Medium Bounded by a Long Vertical Wavy Wall and a Parallel Flat Wall -- Abstract -- 1. Introduction -- 2. Mathematical Analysis -- 2.a. Solution of Mean Part -- 2.b. Solution Procedure for Perturbed Part -- 3. Skin Friction and Nusselt Number at the Walls -- 4. Results and Discussion -- 4.a. Presentation of First Order Solution -- Conclusion -- |

Nomenclature -- Greek Symbols -- Subscript -- Appendix --
 References -- Immersed Boundary Method: The Existence of
 Approximate Solution in Two-Dimensional Case -- Transient
 Hydromagnetic Natural Convection between Two Vertical Walls
 Heated/Cooled Asymmetrically -- Abstract -- 1. Introduction -- 2.
 Mathematical Formulation -- Steady State Solution -- Results and
 Discussion -- Conclusion -- Nomenclature -- Greek Symbols --
 References -- Effect of Suction/ Injection on MHD Flat Plate
 Thermometer -- Abstract -- Introduction -- Problem Formulation --
 Results and Discussion -- Conclusion -- Nomenclature -- Greek
 Symbols -- Subscripts -- Superscript -- References -- Flute and
 Ballooning Modes in the Inner Magnetosphere of the Earth: Stability and
 Influence of the Ionospheric Conductivity -- Abstract -- Introduction
 -- 1. Main Equations -- 1.1. Initial Equations -- 1.2. Magnetic Label --
 1.3. Equations of Small Oscillations -- 1.4. Ballooning Approximation
 -- 2. Dipole Model of the Geomagnetic Field -- 2.1. Magnetic Field --
 2.2. Equilibrium -- 2.3. Equations of Small Oscillations in Dipole
 Geometry -- 2.4. Polarization of Ballooning Modes -- 3. Ionospheric
 Boundary Conditions -- 3.1. Boundary Conditions -- 3.2. Expression
 for -- 3.3. Derivation of -- 3.4. Boundary Conditions for Ballooning
 Modes in Dipole Geometry -- 4. Magnetospheric Plasma Stability --
 4.1. Energetic Analysis -- 4.2. Boundary Problem for the Stability
 Threshold.
 4.3. Stability Threshold -- 4.3.1. Flute Perturbations -- 4.3.2.
 Incompressible Perturbations -- 4.3.3. Numerical Analysis -- 4.4.
 Stability Criterion of Ballooning Modes with Perfectly Conductive
 Boundary -- Conclusion -- References -- Index.

Sommario/riassunto

This book presents and discusses current research in the study of
 magnetohydrodynamics. Topics discussed include MHD free convection
 in a porous medium bounded by a vertical wavy wall and a parallel flat
 wall; the immersed boundary method; transient hydromagnetic natural
 convection between two vertical walls heated/cooled asymmetrically;
 the effect of suction/injection on MHD flat plate thermometer and flute
 and ballooning modes in the inner magnetosphere of the earth
