1. Record Nr. UNINA9910457219203321

Titolo	Rarefied gas dynamics [[electronic resource]] : space-related studies / / edited by E.P. Muntz, D.P. Weaver, D.H. Campbell
Pubbl/distr/stampa	Washington, D.C., : American Institute of Aeronautics and Astronautics, Inc., c1989
ISBN	1-60086-590-9 1-60086-371-X
Descrizione fisica	1 online resource (583 p.)
Collana	Progress in astronautics and aeronautics ; ; v. 116
Altri autori (Persone)	MuntzE. Phillip <1934-> (Eric Phillip) WeaverD. P CampbellD. H (David H.)
Disciplina	629.1 s 629.132/3
Soggetti	Rarefied gas dynamics Space sciences Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Technical papers selected from the sixteenth International Symposium on Rarefied Gas Dynamics, Pasadena, California, July 10-16, 1988, subsequently revised for this volume."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""Cover""; ""Title""; ""Copyright""; ""Table of Contents""; ""Preface""; ""Chapter I. Rarefied Atmospheres""; ""Nonequilibrium Nature of Ion Distribution Functions in the High Latitude Auroral Ionosphere""; ""VEGA Spacecraft Aerodynamics in the Gas-Dust Rarefied Atmosphere of Halley's Comet""; ""Oscillations of a Tethered Satellite of Small Mass due to Aerodynamic Drag""; ""Chapter II. Plasmas""; ""Semiclassical Approach to Atomic and Molecular Interactions""; ""Monte Carlo Simulation of Electron Swarm in a Strong Magnetic Field"" ""Collisional Transport in Magnetoplasmas in the Presence of Differential Rotation""""""Electron Oscillations, Landau, and Collisional Damping in a Partially Ionized Plasma""; ""Bifurcating Families of Periodic Traveling Waves in Rarefied Plasmas""; ""Chapter III. Atomic Oxygen Generation and Effects""; ""Laboratory Simulations of Energetic Atom Interactions Occurring in Low Earth Orbit""; ""High-

Energy/Intensity CW Atomic Oxygen Beam Source""; ""Development of a Low-Power, High Velocity Atomic Oxygen Source""; ""Options for Generating Greater Than 5-eV Atmospheric Species""
""Laboratory Results for 5-eV Oxygen Atoms on Selected Spacecraft Materials""""""Chapter IV. Plumes""; ""Modeling Free Molecular Plume Flow and Impingement by an Ellipsoidal Distribution Function""; ""Plume Shape Optimization of Small Attitude Control Thrusters Concerning Impingement and Thrust""; ""Backscatter Contamination Analysis"";
""Thruster Plume Impingement Forces Measured in a Vacuum Chamber and Conversion to Real Flight Conditions""; ""Neutralization of a 50-MeV H~Beam Using the Ring Nozzle""; ""Chapter V. Tube Flow""
""Rarefied Gas Flow Through Rectangular Tubes:Experimental and Numerical Investigation""""""Experimental Investigation of Rarefied Flow Through Tubes of Various Surface Properties""; ""Monte Carlo Simulation on Mass Flow Reduction due to Roughness of a Slit Surface""; ""Chapter VI. Expansion Flowfields""; ""Translational Nonequilibrium Effects in Expansion Flows of Argon""; ""Three-Dimensional Freejet Flow from a Finite Length Slit""; ""Modification of the Simons Model for Calculation of Nonradial Expansion Plumes"";
""Simulation of Multicomponent Nozzle Flows into a Vacuum""
""Kinetic Theory Model for the Flow of a Simple Gas from a Two-Dimensional Nozzle""""""Transient and Steady Inertially Tethered Clouds of Gas in a Vacuum""; ""Radially Directed Underexpanded Jet from a Ring-Shaped Nozzle""; ""Three-Dimensional Structures of Interacting Freejets""; ""Flow of a Freejet into a Circular Orifice in a Perpendicular Wall""; ""Chapter VII. Surface Interactions""; ""Particle Surface Interaction in the Orbital Context:A Survey""; ""Sensitivity of Energy Accommodation Modeling of Rarefied Flow Over Re-Entry Vehicle Geometries Using DSMC""
""Determination of Momentum Accommodation from Satellite Orbits: An Alternative Set of Coefficients""

2. Record Nr. UNINA9910460249203321

Autore	Restall Matthew <1964->
Titolo	2012 and the end of the world [[electronic resource]] : the Western roots of the Maya apocalypse / / Matthew Restall and Amara Solari
Pubbl/distr/stampa	Lanham, MD, : Rowman & Littlefield, : Distributed by National Book Network, c2011
ISBN	9781442206113 144220611X
Descrizione fisica	1 online resource (183 p.)
Altri autori (Persone)	SolariAmara <1978->
Disciplina	236/.9
Soggetti	Two thousand twelve, A.D Maya calendar Maya philosophy Prophecies End of the world Millennialism Civilization, Western Civilization, Medieval Electronic books.
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	Figures; Introduction; 1 The History of the End of the World; 2 They Deserve Better; 3 God Is Angry; 4 The Moctezuma Factor; 5 Apocalypto; 6 We Are Almost There; Sources and Suggestions for Further Reading; About the Authors
Sommario/riassunto	Did the Maya really predict that the world would end in December of 2012? If not, how and why has 2012 millenarianism gained such popular appeal? In this deeply knowledgeable book, two leading historians of the Maya answer these questions in a succinct, readable, and accessible style. Matthew Restall and Amara Solari introduce, explain, and ultimately demystify the 2012 phenomenon. Firmly grounded in historical fact, while also being revelatory and myth-busting, this fascinating book will be essential reading as the

countdown to December 21, 2012, begins.