

1. Record Nr.	UNINA9910781699003321
Titolo	Dynamics of shock waves, explosions, and detonations / / editors, J.R. Bowen [et al.]
Pubbl/distr/stampa	New York : , : American Institute of Aeronautics and Astronautics, , 1983
ISBN	1-60086-569-0 1-60086-350-7
Descrizione fisica	1 online resource (616 pages) : illustrations
Collana	Progress in astronautics and aeronautics ; ; v. 94
Altri autori (Persone)	BowenJ. R (J. Raymond)
Disciplina	629.1 s 621.402/3
Soggetti	Explosions Shock waves
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"[Revised] technical papers selected from the Ninth International Colloquium on Gasdynamics of Explosions and Reactive Systems, Poitiers, France, July 1983."
Nota di bibliografia	Companion vol. to the 9th colloquium's "Dynamics of flames and reactive systems." Includes bibliographical references and index.
Nota di contenuto	""Cover""; ""Title""; ""Copyright""; ""Table of Contents""; ""Preface""; ""Chapter I. Detonations in Gaseous Mixtures""; ""Direct Initiation of Planar Detonation Waves in Methane/Oxygen/Nitrogen Mixtures""; ""Measurements of Cell Size in Hydrocarbon-Air Mixtures and Predictions of Critical Tube Diameter, Critical Initiation Energy, and Detonability Limits""; ""Power-Energy Relations for the Direct Initiation of Gaseous Detonations""; ""Detonation Length Scales for Fuel-Air Explosives""; ""The Influence of Yielding Confinement on Large-Scale Ethylene-Air Detonations"" ""Cellular Structure in Detonation of Acetylene-Oxygen Mixtures"" ""The Influence of Initial Pressure on Critical Diameters of Gaseous Explosive Mixtures""; """"Galloping"" Gas Detonations in the Spherical Mode""; ""Chemical Kinetics of Propane Oxidation in Gaseous Detonations""; ""High-Speed Deflagration with Compressibility Effects""; ""Numerical Simulations on the Establishment of Gaseous Detonation""; ""A Shock Tube Study of the Chlorine Azide Decomposition""; ""Chapter II.

Detonations in Two-Phase Systems"; ""Dust, Hybrid, and Dusty Detonations"; ""The Structure of Dust Detonations""
""Double-Front"" Detonations in Gas-Solid Particles Mixtures""
""Unconfined Aluminum Particle Two-Phase Detonation in Air"";
""Dynamics of Dispersion and Ignition of Dust Layers by a Shock Wave""; ""Detonations in Explosive Foams""; ""Propagation Velocity and Mechanism of Bubble Detonation""; ""Nonsteady Shock Wave Propagating in a Bubble-Liquid System""; ""Ignition of Dust Suspensions Behind Shock Waves""; ""Chapter III. Condensed Explosives"";
""Characterization of an Overdriven Detonation State in Nitromethane""
""The Effects of Grain Size on Shock Initiation Mechanisms in Hexanitrostilbene (HNS) Explosive"" ""Theoretical Modeling of Converging and Diverging Detonation Waves in Solid and Gaseous Explosives""; ""Model Similarity Solutions for Shock Initiation Containing a Realistic Constitutive Relationship for Condensed Explosive""; ""The Simulation of Shock-Induced Energy Flux in Molecular Solids"";
""Detonation Temperatures of Nitromethane Aluminum Gels"";
""Chapter IV. Explosions""; ""Theory of Vorticity Generation by Shock Wave and Flame Interactions""
""Interaction of Explosively Produced Shock Waves with Internal Discontinuities and External Objects"" ""Flame Propagation and Pressure Buildup in a Free Gas-Air Mixture Due to Jet Ignition""; ""Flame Acceleration by a Postflame Local Explosion""; ""Flame Acceleration of Propane-Air in a Large-Scale Obstructed Tube""; ""Initiation of Unconfined Gaseous Detonation by Diffraction of a Detonation Front Emerging from a Pipe""; ""Large-Scale Experiments on the Transmission of Fuel-Air Detonations from Two-Dimensional Channels""; ""Air Blast from Unconfined Gaseous; ""Chapter V. Interactions"" Detonations""
""Chapter V. Interactions""

2. Record Nr.	UNINA9910158650403321
Autore	Faulkner Nicholas
Titolo	A visual history of the world's enduring mysteries / / Joan Soriano Campos
Pubbl/distr/stampa	New York : , : Rosen Publishing, , 2017 2017
ISBN	1-4994-6579-3
Descrizione fisica	1 online resource (100 pages) : color illustrations, maps, portraits
Collana	A Visual History of the World
Disciplina	930.1
Soggetti	Antiquities Archaeology Civilization History Curiosities and wonders
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chronology -- Enigmas of Antiquity -- Enigmas of the Modern Era -- Lost Civilizations -- Glossary.
Sommario/riassunto	This book will fascinate any young reader with some of the most mysterious occurrences in history. It investigates further into mysteries such as the quest for the Holy Grail, the sacred shroud, the myth of King Arthur, the case of Jack the Ripper, the legend of El Dorado, and CIA secret operations, to name a few.