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Titolo	Database Systems for Advanced Applications : 31st International Conference, DASFAA 2026, Jeju, South Korea, April 27-30, 2026, Proceedings, Part IV
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Descrizione fisica	1 online resource (1156 pages)
Collana	Lecture Notes in Computer Science Series ; ; v.16538
Altri autori (Persone)	Jung
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This 6-volume set LNCS 16535-16540 constitutes the proceedings of the 31st International Conference on Database Systems for Advanced Applications, DASFAA 2026, held in Jeju, South Korea, at April 27-30, 2026. The 228 full papers presented in this book were carefully reviewed and selected from 834 submissions.

2. Record Nr.	UNINA9911090512503321
Titolo	Dynamic aspects of detonations / / edited by A.L. Kuhl ... [et al.]
Pubbl/distr/stampa	Washington, D.C., : American Institute of Aeronautics and Astronautics, 1993
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Edizione	[1st ed.]
Descrizione fisica	1 online resource (490 p.)
Collana	Progress in astronautics and aeronautics, , 0079-6050 ; ; v. 153
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Soggetti	Explosions Detonation waves
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Formato	Materiale a stampa
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Note generali	"Technical papers from the thirteenth International Colloquium on Dynamics of Explosions and Reactive Systems, Nagoya, Japan, July 1991, and subsequently revised for this volume."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""Cover""; ""Title""; ""Copyright""; ""Preface""; ""Acknowledgments""; ""Table of Contents""; ""Chapter I""; ""Chronology of Research on Detonation Waves:1920-1950""; ""Chapter II. Gaseous Detonations""; ""High Resolution Numerical Simulations forTwo-Dimensional Unstable Detonations""; ""Simulation of Cellular Structure in a Detonation Wave""; ""Mach Reflection of Detonation Waves""; ""Formation and Propagation of PhotochemicalDetonations in Hydrogen-Chlorine Mixtures""; ""Mechanism of Unstable Detonation Front Origin""; ""Numerical Modeling of Galloping Detonation"" ""Experimental Study of the Fine Structurein Spin Detonations""""Influence of Fluorocarbons on H2O2Ar Detonation:Experiments and Modeling""; ""Oxidation of Gaseous UnsymmetricalDimethv lhydrazine at High Temperatures andDetonation of UDMH/O2 Mixtures""; ""Digital Signal Processing Analysis of Soot Foils""; ""Cylindrical Detonations inMethane-Oxygen-Nitrogen Mixtures""; ""Chapter III. Initiation of Detonation Waves""; ""Structure of Reaction Waves Behind Oblique Shocks""; ""Ignition in a Complex Mach Structure""; ""Photographic Study of the Direct Initiation ofDetonation by a Turbulent Jet"" ""Transition from Fast Deflagration to DetonationUnder the Influence of Wall Obstacles""""Simulations for Detonation Initiation BehindReflected

Shock Waves""; ""Limiting Tube Diameter of Gaseous Detonation""; ""Effect of Flame Inhibitors on Detonation Characteristics of Fuel-Air Mixtures""; ""Propagation of Gaseous Detonations Through Regions of Low Reactivity""; ""Failure of the Classical Dynamic Parameters Relationships in Highly Regular Cellular Detonation Systems""; ""Chapter IV. Nonideal Detonations and Boundary Effects""; ""Mechanisms of Detonation Propagation in a Porous Medium"" ""Propagation and Extinction of Detonation Waves in Tube Bundles"" ""Simultaneous Strong and Quasi-Chapman-Jouguet Detonation Wave Propagation""; ""Structure and Velocity Deficit of Gaseous Detonation in Rough Tubes""; ""Possible Method for Quenching of Gaseous Detonations""; ""Effect of Losses on the Existence of Nonideal Detonations in Hybrid Two-Phase Mixtures""; ""Effect of Hollow Heterogeneities on Nitromethane Detonation""; ""Author Index""

Sommario/riassunto

The four companion volumes on Dynamic Aspects of Detonations and Explosion Phenomena and Dynamics of Gaseous and Heterogeneous Combustion and Reactive Systems present 111 of the 230 papers given at the Thirteenth International Colloquium on the Dynamics of Explosions and Reactive Systems held in Nagoya, Japan. These books embrace the topics of explosions, detonations, shock phenomena, and reactive flow, as well as the gasdynamic aspects of nonsteady flow in combustion systems, the fluid mechanics aspects of combustion, and diagnostic techniques. Two of the volumes, Dynamics of Gaseous Combustion (Vol. 151) and Dynamics of Heterogeneous Combustion and Reacting Systems (Vol. 152), focus on the processes of coupling the exothermic energy release with the fluid mechanics occurring in various combination processes. The other two volumes, Dynamic Aspects of Detonations (Vol. 153) and Dynamic Aspects of Explosion Phenomena (Vol. 154), address the rate processes of energy deposition in a compressible medium and the concurrent nonsteady flow as it typically occurs in explosion phenomena.
