

1. Record Nr.	UNINA990001289770403321
Autore	Leimanis, Eugene
Titolo	Dynamics and nonlinear mechanics : some recent advances in the dynamics of rigid bodies and celestial mechanics / by E. Leimanis . The theory of oscillations / by N. Minorsky
Pubbl/distr/stampa	New York : John Wiley, 1958
Descrizione fisica	xii, 206 p. ; 24 cm
Collana	Surveys in applied mathematics ; 2
Altri autori (Persone)	Minorsky, Nicholas
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Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910257411903321
Titolo	Numerical Simulation of Combustion Phenomena [[electronic resource] ] : Proceedings of the Symposium Held at INRIA Sophia-Antipolis, France, May 21-24, 1985 / / edited by Roland Glowinski, Bernard Larrouturou, Roger Temam
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1985
ISBN	3-540-39751-5
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Collana	Lecture Notes in Physics, , 0075-8450 ; ; 241
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Soggetti	Power electronics Physics Power Electronics, Electrical Machines and Networks Mathematical Methods in Physics Numerical and Computational Physics, Simulation
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Formato	Materiale a stampa
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Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Laminar flamelet modelling of turbulent combustion -- Critiques sur la Modelisation de la Ccombustion Turbulente -- Methodes Numeriques a Convergence Rapide Utilisees Pour le Calcul Des Ecoulements Reactifs -- Aspects of the simulation of combustion in reciprocating engines -- The KIVA computer program for multidimensional chemically reactive fluid flows with fuel sprays -- Numerical and asymptotic analysis of systematically reduced reaction schemes for hydrocarbon flames -- Spray combustion simulation -- Some new solutions of the flame front equation -- Auto-Organisation Transitoire du Modele de Kuramoto-Sivashinsky -- Approximation Particulaire D'une Onde de Detonation -- Unsteady combustion of solid propellants -- Gas flows generated by solid-propellant burning -- Calcul de la Volatilisation D'un Grain de Charbon dans le cas D'une MonteeE en Temperature non Lineaire -- Numerical calculations of strained premixed laminar flames -- Elasticity of flame fronts and numerical experiments -- Simulation Numerique D'une Flamme de Diffusion Turbulente de Grande Dimension en Presence de Vent Traversier Pour la Prediction du Champ de

Rayonnement Emis -- Model Transitoire de Combustion D'un Propergol  
Composé de Mousse de Polyurethane Chargee en Octogene --  
Extinction limits of premixed catalysed flames in stagnation point flows  
-- A predictor corrector semi-implicit pressure solver for compressible  
two phase flows -- Utilisation de Maillages Adaptatifs pour la  
Simulation de Flamme Monodimensionnelles Stationnaires -- Some  
computational techniques for studying chemical kinetics -- Numerical  
aberrations in a Stefan problem from detonation theory -- Numerical  
bifurcation in chambered diffusion flames -- Methode des Elements  
Finis Deformables Adaptee a L'etude de L'Aerodynamique Interne des  
Chambres de Combustion -- Combustion D'une Goutte en Milieu  
Reactif Avec Decomposition Exothermique Prealable du Combustible --  
Contribution to the numerical analysis of Laminar stationary flames --  
Application of pole decomposition to an equation governing the  
dynamics of wrinkled flame fronts -- Flame propagation and ignition in  
hydrocarbon-air mixtures up to octane.

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