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Detonations in Two-Phase Systems"; "Dust, Hybrid, and Dusty
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"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"
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