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Detonations in Two-Phase Systems""; ""Dust, Hybrid, and Dusty Detonations""; ""The Structure of Dust Detonations""
""""""Double-Front"" Detonations in Gas-Solid Particles Mixtures""""""
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""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 Detonations""
""Chapter V. Interactions""