



Materials Research Solid State Physics and Engineering

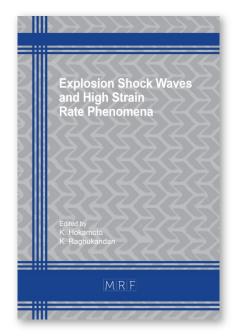
Explosion Shock Waves and High Strain Rate Phenomena

Eds. K. Hokamoto and K. Raghukandan

Proceedings / PDF eBook DRM Free

The book presents the papers presented at the 6th international conference on Explosion, Shock Wave and High Strain-Rate Phenomena (ESHP).

Keyword: Explosion Shock Waves, High Strain-Rate Phenomena, Manufacturing using Impact Loading, Flammable Gas Detaonation, Auxetic Cellular Structures, Underwater Shock Waves, Magnetic Pressure Welding, Shock Synthesis of Oxides, Impact Joining of Dissimilar Metals, Dislocation Wall Structures, Strength of Rock at High Strain Rates, Fiber Reinforced Mortar, Impact Analysis of Carbon Fiber Reinforced Polymer, Explosive Welding, Underwater Explosive Welding, Ultrafine Explosives, Explosive Cladding of Metals, Explosive Clads with Interlayers



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Summary:

The book presents the papers presented at the 6th international conference on Explosion, Shock Wave and High Strain-Rate Phenomena (ESHP). Topics covered include: Advanced Manufacturing under Impact/Shock Loading, Detonation of High Pressure Flammable Gas in Closed Spaces, High Strain-Rate Behaviour of Auxetic Cellular Structures, Underwater Shock Waves Generation, Magnetic Pressure Welding of Aluminum Sheets, Shock Synthesis of Zirconium Oxides, Impact Joining of Dissimilar Metals, High-Speed Oblique Collision of Metals, Dynamic Behavior of Dislocation Wall Structures, Tensile Strength of Rock at High Strain Rates, Fiber Reinforced Mortar, Impact Analysis of Carbon Fiber Reinforced Polymer, Explosive Welding, Underwater Explosive Welding, Making Ultrafine Explosives, Aluminum-Steel Explosive Cladding, Explosively Cladded Aluminum Hybrid Composites, Explosive Clads with Interlayers.





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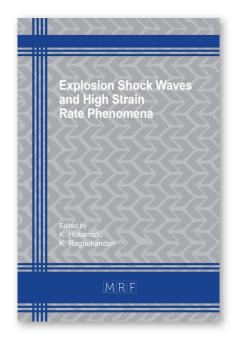
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