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detonation meso scale tests for energetic - The objective of the present study is to characterize, on the meso scale level, the detonation behaviour of PBX based on HMX , based in the minimisation of the test

atomistic studies of shock-wave and detonation - Scholar Commons Citation. Budzevich, Mikalai, "Atomistic Studies of Shock-Wave and Detonation Phenomena in Energetic Materials" (2011). Graduate Theses and Dissertations.

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numerical modeling of shock-to- detonation - Determining the hazard classification of energetic materials is important for transportation safety and storage concerns. To avoid costly grain redesign and add

burning rate of solid propellant ingredients, part - Joseph R. Peterson, Charles A. Wight. (2012) An Eulerian Lagrangian computational model for deflagration and detonation of high explosives. Combustion and

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shock induced detonations in composite - Shock induced detonations in composite heterogeneous energetic materials R. K. Shukla , C. Pantano , T. L. Jackson , J. M. Austin , J. B. Freund

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investigations on deflagration to detonation - The research carried out by this contract was part of a larger effort funded by LANL in the areas of deflagration to detonation in porous energetic materials (DDT

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deflagration-to- detonation transition in porous - A numerical study of deflagration-to-detonation transition (DDT) in porous HMX materials is carried out. Three reactive-flow models varying from single phase to three

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