Sidney Chocron

PUBLICATIONS IN REFEREED JOURNALS


Sidney Chocron

CONFERENCE WITH FULL PAPERS

2017
3. J.D. Walker, D.J. Grosch, T.Z. Moore, M. Grimm, S. Chocron, Statistical Variations in Blast Loads from Buried Explosives, in Proceedings for the 30th Int. Symp. on Ballistics, Vol. 2, pp. 1744-1753, 11-15 Sep 2017, Long Beach, California, USA

2016

2015
Sidney Chocron


22. J. D. Walker, S. Chocron, M. S. Moore, and G. C. Willden, Blast and Ballistic Survivability Analysis Tools for Design Optimization Developed in DARPA’s Adaptive Vehicle Make (AVM), 2015 NDIA Ground Vehicle Systems Engineering and Technology Symposium, Novi, Michigan, August 4-6, 2015

2014


2013


2012


Sidney Chocron


46. J.D. Walker, S. Chocron, Analytical and Numerical Modelling of Gap Filler Impacts on Space Shuttle Thermal Tiles, in proceedings of the 23rd International Symposium on Ballistics, Tarragona, Spain, April 2007

47. S. Chocron, C. Anderson, A. Nicholls, R. Ryckmann, Constitutive Model for Borosilicate Glass and Application to Long-Rod Penetration, in proceedings of the 23rd International Symposium on Ballistics, Tarragona, Spain, April 2007


63. S. Chocron, A. Pintor,F. Gálvez, V. Sánchez Gálvez, Study of Fraglight Non-Woven Felt, 52nd Meeting of the Aeroballistic Range Association, Québec, Canada, 2001


66. S. Chocron, F. Gálvez, M. Elices, Medida de Velocidad de Propagación de Grietas en Silicio Monocrystalino, Anales de Mecánica de la Fractura, XVIII Encuentro del Grupo Español de Fractura, Bayona, Marzo de 2001
Sidney Chocron

67. D. Yaziv, S. Chocron, Charles E. Anderson, Jr., D. J. Grosch, Oblique Penetration in Ceramic Targets, 19th International Symposium on Ballistics, Interlaken, Switzerland, 2001

68. S. Chocron Benloulo, V. Sánchez Gálvez, F. Gálvez, Oblique Ballistic Impact of Ceramic/Metal add-on Armours, Proceedings of the ARA conference, Pleasanton, CA, USA, 1999


70. Sidney Chocron, Charles E. Anderson, Jr., Donald J. Grosch, and Carl H. Popelar, Analytical and Numerical Simulation of the Impact of the 0.30-Cal APM2 Projectile Against the Edge of a Metallic Target, 18th International Symposium on Ballistics, San Antonio, TX, USA, 1999

71. Sidney Chocron, Donald J. Grosch, and Charles E. Anderson, Jr., DOP and V50 predictions for the 0.30-cal APM2 projectile, 18th International Symposium on Ballistics, San Antonio, TX, USA, 1999

72. Sidney Chocron, Charles E. Anderson, Jr., and James D. Walker, A consistent plastic flow approach to model penetration and failure of finite-thickness metallic targets, 18th International Symposium on Ballistics, San Antonio, TX, USA, 1999

73. S. Chocron, J. J. Oña, F. Gálvez, V. Sánchez Gálvez, Analytical and Numerical Analysis of the Oblique Ballistic Impact into Ceramic/Metal Add-On Armors, 18th International Symposium on Ballistics, San Antonio, TX, USA, 1999


77. S. Chocron and V. Sánchez Gálvez, An Analytical Model to Design Ceramic/Composite Armors, Proceedings of The Ballistics ’98 conference


