

Numerical simulation of blunt body generated detonation wave ramjet flowfields.

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Description: -

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Notes: Thesis (M.A.Sc.) -- University of Toronto, 1999.

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Tags: #Numerical #Simulation #of #Incompletely #Premixed #Oblique #Detonation #Stabilized #on #a #Solid #Surface

Red Sea Governorate

ASME Turbo Expo 2013, Power for Land, Sea and Air, 03. ASME Turbo Expo 2010, Power for Land, Sea and Air, 14.

Numerical simulation of shock

Haidn 1, Yu Daimon 2, Roman Keller, Peter M.

DLR

The key technologies of this kind of propulsion system are described, while their research status is presented in detail. ASME Turbo Expo 2018, Power for Land, Sea and Air, 11. This study numerically investigated effects of fuel concentration gradients on oblique detonation and shock-induced combustion formed on a 28.

Detonation waves induced by a confined wedge

AIAA Science and Technology Forum and Exposition, AIAA SciTech, doi 10. Higher order accuracy is obtained with the MUSCL approach.

DLR

Aigner Numerical simulation of flow instabilities in the near-injector region Proc.

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AIAA SciTech 2021 Forum, 11. Gerlinger, Manfred Aigner Transported PDF Calculations of NO in a Lifted Hydrogen Flame with Vitiated Coflow Proc.

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Aigner Multigrid Simulations of Detached Shock Waves Int. Flame 183 2017 343-357, doi 10.1016/j.ijflame.2017.05.001. Suppression of premature ignition in the pre-mixed inlet flow of a scramjet.

Detonation waves induced by a confined wedge

Journal of Sound and Vibration 328, 213-242, 2009. Numerical simulation of hypersonic shock-induced combustion ramjets. Workshop über Technik der Fluidzerstäubung und Erfassung von Sprühvorgängen, Universität GH Essen, ISBN 3-922602-68-1, pp. 1-10.

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