Get PDF

DEVELOPMENT AND DEMONSTRATION OF A COMPUTATIONAL TOOL FOR THE ANALYSIS OF PARTICLE VITIATION EFFECTS IN HYPERSONIC PROPULSION TEST FACILITIES



Development and Demonstration of a Computational Tool for the Analysis of Particle Vitiation Effects in Hypersonic Propulsion Test Facilities

NASA Technical Reports Server (NTRS), Hugh Douglas Perkins Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English. Brand New Book ***** Print on Demand *****. In order to improve the understanding of particle vitiation effects in hypersonic propulsion test facilities, a quasione dimensional numerical tool was developed to efficiently model reacting particle-gas flows over a wide range of conditions. Features of this code include gas-phase finite-rate kinetics, a global porous-particle combustion model, mass, momentum and energy interactions between phases, and subsonic and supersonic...

Read PDF Development and Demonstration of a Computational Tool for the Analysis of Particle Vitiation Effects in Hypersonic Propulsion Test Facilities

- Authored by Hugh Douglas Perkins
- Released at 2013



Filesize: 2.29 MB

Reviews

The ebook is not difficult in read through better to understand. Indeed, it is play, continue to an interesting and amazing literature. I am just easily can get a enjoyment of studying a created book.

-- Nikita Tillman

The most effective ebook i at any time study. It can be writter in easy words and phrases and not difficult to understand. I am just pleased to let you know that this is the finest publication i have read within my individual lifestyle and could be he finest publication for at any time.

-- Tania Mosciski

Related Books

- Symphony No.2 Little Russian (1880 Version), Op.17: Study Score
 The First Epistle of H. N. a Crying-Voyce of the Holye Spirit of Loue. Translated
- Out of Base-Almayne Into English. (1574)
- Variations on an Original Theme Enigma, Op. 36: Study Score
- The Birds Christmas Carol.by Kate Douglas Wiggin (Illustrated)
- The Old Peabody Pew. by Kate Douglas Wiggin (Children's Classics)