



Hypersonic Vehicle Propulsion System Control Model Development Roadmap and Activities

By Thomas J. Stueber

BiblioGov. Paperback. Book Condition: New. This item is printed on demand. Paperback. 22 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. The NASA Fundamental Aeronautics Program Hypersonic project is directed towards fundamental research for two classes of hypersonic vehicles: highly reliable reusable launch systems (HRRLS) and high-mass Mars entry systems (HMMES). The objective of the hypersonic guidance, navigation, and control (GN and C) discipline team is to develop advanced guidance and control algorithms to enable efficient and effective operation of these challenging vehicles. The ongoing work at the NASA Glenn Research Center supports the hypersonic GN and C effort in developing tools to aid the design of advanced control algorithms that specifically address the propulsion system of the HRRLS class vehicles. These tools are being developed in conjunction with complementary research and development activities in hypersonic propulsion at Glenn and elsewhere. This report is focused on obtaining control-relevant dynamic models of an HRRLS-type hypersonic vehicle propulsion system. This item ships from La Vergne, TN. Paperback.

DOWNLOAD



READ ONLINE

[3.96 MB]

Reviews

A top quality ebook and the typeface used was interesting to read through. It is really intriguing through reading through period. You won't feel monotony at anytime of the time (that's what catalogues are for relating to when you ask me).

-- Estelle Donnelly

This pdf is really gripping and fascinating. It is actually full of knowledge and wisdom I am just delighted to tell you that this is the very best pdf I have got study during my very own daily life and might be the finest pdf for actually.

-- Ms. Althea Kassulke DDS