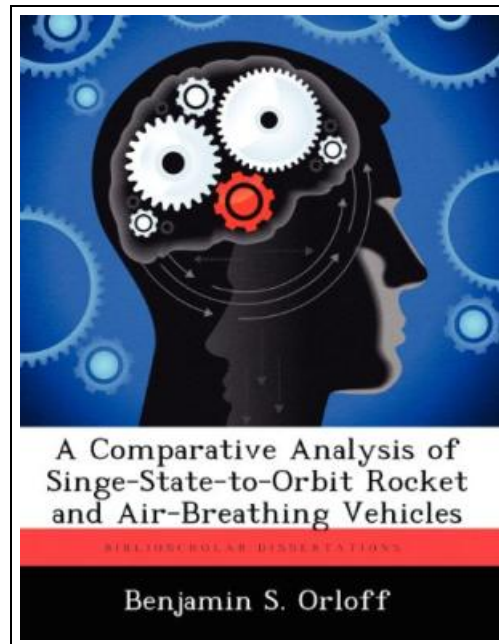


A Comparative Analysis of Singe-State-To-Orbit Rocket and Air-Breathing Vehicles (Paperback)



Filesize: 1.19 MB

Reviews

It in a of my personal favorite pdf. Of course, it really is play, nevertheless an amazing and interesting literature. It is extremely difficult to leave it before concluding, once you begin to read the book.

(Nicholas Ratke)

A COMPARATIVE ANALYSIS OF SINGE-STATE-TO-ORBIT ROCKET AND AIR-BREATHING VEHICLES (PAPERBACK)

[DOWNLOAD PDF](#)

Biblioscholar, United States, 2012. Paperback. Condition: New. Language: English . This book usually ship within 10-15 business days and we will endeavor to dispatch orders quicker than this where possible. Brand New Book. This study compares and contrasts the performance of a variety of rocket and airbreathing, single-stage-to-orbit, reusable launch vehicles. Fuels considered include bi-propellant and tri-propellant combinations of hydrogen and hydrocarbon fuels. Astrox Corporation s HySIDE code was used to model the vehicles and predict their characteristics and performance. Vehicle empty mass, wetted area and growth rates were used as figures of merit to predict the total cost trends of a vehicle system as well as the system s practicality. Results were compared to those of two-stage-to-orbit reusable launch systems using similar modeling methods. The study found that single-stage-to-orbit vehicles using scramjet airbreathing propulsion outperform rocket systems. Findings also demonstrate the benefits of using hydrocarbon fuel in the early phases of ascent to reduce the size and mass of launch vehicles.

[Read A Comparative Analysis of Singe-State-To-Orbit Rocket and Air-Breathing Vehicles \(Paperback\) Online](#)[Download PDF A Comparative Analysis of Singe-State-To-Orbit Rocket and Air-Breathing Vehicles \(Paperback\)](#)

You May Also Like



The genuine book marketing case analysis of the the lam light. Yin Qihua Science Press 21.00(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2007-01-01 Pages: 244 Publisher: Science Press Welcome Our service and quality...

[Save eBook](#)

»



Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel s System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download...

[Save eBook](#)

»



Night Shivers Mystery Supernatural Tales of Mystery the Supernatural Tales of Mystery and the Supernatural

Wordsworth Editions Ltd. Paperback. Book Condition: New. Paperback. 464 pages. Dimensions: 7.6in. x 5.0in. x 1.3in.Moving, his candle was instantly extinguished, and in the very moment of being left in the darkness he saw, standing...

[Save eBook](#)

»



Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: (Learn to Read Crochet Patterns, Charts, and Graphs, Beginner s Crochet Guide with Pictures)

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Getting Your FREE Bonus Download this book, read it to the end and...

[Save eBook](#)

»



Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]

Createspace, United States, 2013. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to...

[Save eBook](#)

»