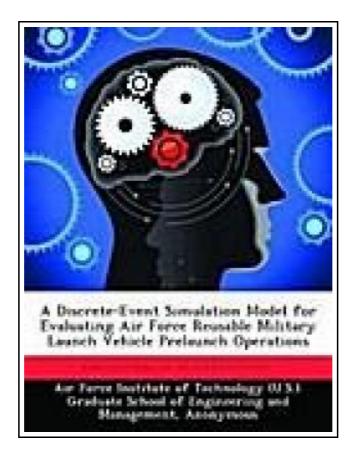
## A Discrete-Event Simulation Model for Evaluating Air Force Reusable Military Launch Vehicle Prelaunch Operations



Filesize: 1.04 MB

#### Reviews

Comprehensive guide! Its this type of very good read through. It is actually writter in simple words and phrases rather than difficult to understand. It is extremely difficult to leave it before concluding, once you begin to read the book.

(Bernie Mante PhD)

# A DISCRETE-EVENT SIMULATION MODEL FOR EVALUATING AIR FORCE REUSABLE MILITARY LAUNCH VEHICLE PRELAUNCH OPERATIONS



Biblioscholar Sep 2012, 2012. Taschenbuch. Book Condition: Neu. 246x189x9 mm. This item is printed on demand - Print on Demand Neuware - As the control and exploitation of space becomes more important to the United States military, a responsive spacelift capability will become essential. Responsive spacelift could be defined as the ability to launch a vehicle within hours or days from the time a launch order is given, instead of the weeks or months it takes currently. As the Air Force contemplates moving toward a reusable military launch vehicle (RMLV) capability, it faces key design and ground processing decisions that will affect the vehicle regeneration timeline. This thesis develops a computer simulation model that mimics RMLV prelaunch operations--those activities that take place during vehicle integration and launch pad operations. This simulation model can help the Air Force make RMLV acquisition decisions by analyzing how different RMLV designs and ground processing scenarios will affect RMLV regeneration time. The model was developed by comparing and contrasting existing launch vehicle processing flows to create the RMLV prelaunch operations model. To foster confidence in model credibility, the model was analyzed and validated by a panel of launch vehicle experts. Model verification was accomplished via an Assertion Checking method that compared model developer intent to actual model operation. The model was used to conduct three experiments that analyzed how different ground processing scenarios affected RMLV regeneration time. 150 pp. Englisch.

- Read A Discrete-Event Simulation Model for Evaluating Air Force Reusable Military Launch Vehicle Prelaunch Operations Online
- Download PDF A Discrete-Event Simulation Model for Evaluating Air Force Reusable Military Launch Vehicle Prelaunch Operations

### You May Also Like



#### Psychologisches Testverfahren

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG,...

Download ePub »



#### Programming in D

Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers...

Download ePub »



# Star Flights Bedtime Spaceship: Journey Through Space While Drifting Off to Sleep

CreateSpace Independent Publishing Platform, 2013. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: "Star Flights Bedtime Spaceship" is a charming and fun story with the purpose to help children...

Download ePub »



#### Tinga Tinga Tales: Why Lion Roars - Read it Yourself with Ladybird

Paperback. Book Condition: New. Not Signed; This is a Tinga Tinga tale inspired by traditional stories from Africa. Lion is king of Tinga Tinga but he can't roar! Can his friend Flea help Lion to

Download ePub »



#### The Java Tutorial (3rd Edition)

Pearson Education, 2001. Softcover. Book Condition: Neu. Gebraucht - Sehr gut Unbenutzt. Schnelle Lieferung, Kartonverpackung. Abzugsfähige Rechnung. Bei Mehrfachbestellung werden die Versandkosten anteilig erstattet. - Praise for "The Java' Tutorial, Second Edition" includes: "This book...

Download ePub »