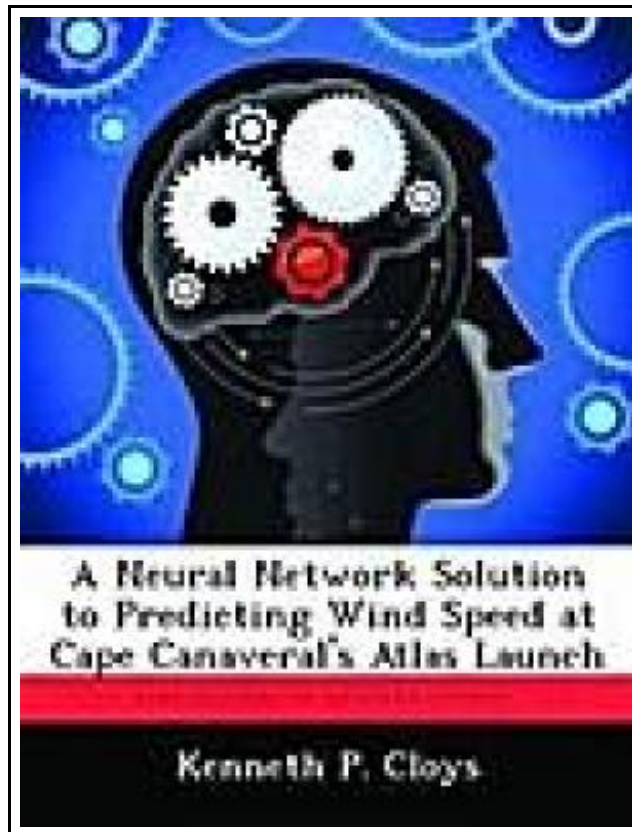


A Neural Network Solution to Predicting Wind Speed at Cape Canaveral's Atlas Launch



Filesize: 4.02 MB

Reviews

A must buy book if you need to adding benefit. We have study and so i am sure that i am going to likely to study once again again in the foreseeable future. I realized this book from my i and dad encouraged this ebook to discover.

(Duane Fadel)

A NEURAL NETWORK SOLUTION TO PREDICTING WIND SPEED AT CAPE CANAVERAL'S ATLAS LAUNCH

[DOWNLOAD](#)

To get **A Neural Network Solution to Predicting Wind Speed at Cape Canaveral's Atlas Launch** PDF, you should access the web link beneath and save the ebook or have accessibility to additional information which are relevant to **A NEURAL NETWORK SOLUTION TO PREDICTING WIND SPEED AT CAPE CANAVERAL'S ATLAS LAUNCH** book.

Biblioscholar Okt 2012, 2012. Taschenbuch. Book Condition: Neu. 246x189x8 mm. This item is printed on demand - Print on Demand Neuware - This thesis demonstrates the potential for using time-delay neural networks to provide Launch Weather Officers (LWOs) at 45th Weather Squadron (45 WS) with advance warning of wintertime (November-March) peak wind speeds at the Atlas launch pad. The 45 WS provides weather support to the United States space program at Cape Canaveral Air Station, NASA's Kennedy Space Center, and Patrick Air Force Base. Due to the complex wintertime environment produced by the effects of friction and instability, 45 WS LWOs consider wintertime launch pad winds their toughest forecast challenge. Neural networks were developed, trained, and tested using observations of wintertime peak wind speed, wind direction, and directional deviation collected from March 1995 through March 1999 by 45th Space Wing's Weather Information Network Display System. Using current and past values of the observed elements, the networks produced 16 forecasts of peak wind speed. The first forecast was valid for 30 minutes past forecast start time, the second for 1 hour past start time, etc., up to 8 hours past start time, for any start time. Network performance was compared to three other forecasting options: persistence, climatology, and randomly selecting wind speeds from a climatologically based distribution. For forecasts at the end of the forecast period, networks that were tested with data near in time to the networks' training data showed skill over the other forecasting options. 136 pp. Englisch.



[Read A Neural Network Solution to Predicting Wind Speed at Cape Canaveral's Atlas Launch Online](#)



[Download PDF A Neural Network Solution to Predicting Wind Speed at Cape Canaveral's Atlas Launch](#)



[Download ePub A Neural Network Solution to Predicting Wind Speed at Cape Canaveral's Atlas Launch](#)

Other PDFs



[PDF] Psychologisches Testverfahren

Follow the link under to get "Psychologisches Testverfahren" document.

[Download Book »](#)



[PDF] Programming in D

Follow the link under to get "Programming in D" document.

[Download Book »](#)



[PDF] Studyguide for Introduction to Early Childhood Education: Preschool Through Primary Grades by Jo Ann Brewer ISBN: 9780205491452

Follow the link under to get "Studyguide for Introduction to Early Childhood Education: Preschool Through Primary Grades by Jo Ann Brewer ISBN: 9780205491452" document.

[Download Book »](#)



[PDF] Kindle Fire Tips And Tricks How To Unlock The True Power Inside Your Kindle Fire

Follow the link under to get "Kindle Fire Tips And Tricks How To Unlock The True Power Inside Your Kindle Fire" document.

[Download Book »](#)



[PDF] Have You Locked the Castle Gate?

Follow the link under to get "Have You Locked the Castle Gate?" document.

[Download Book »](#)



[PDF] Tinga Tinga Tales: Why Lion Roars - Read it Yourself with Ladybird

Follow the link under to get "Tinga Tinga Tales: Why Lion Roars - Read it Yourself with Ladybird" document.

[Download Book »](#)



[PDF] Learn em Good: Improve Your Child s Math Skills: Simple and Effective Ways to Become Your Child s Free Tutor Without Opening a Textbook (Paperback)

Follow the web link below to download and read "Learn em Good: Improve Your Child s Math Skills: Simple and Effective Ways to Become Your Child s Free Tutor Without Opening a Textbook (Paperback)" PDF document.

[Save PDF »](#)



[PDF] Aeschylus

Follow the web link below to download and read "Aeschylus" PDF document.

[Save PDF »](#)



[PDF] The Pickthorn Chronicles

Follow the web link below to download and read "The Pickthorn Chronicles" PDF document.

[Save PDF »](#)



[PDF] Electronic Dreams: How 1980s Britain Learned to Love the Computer

Follow the web link below to download and read "Electronic Dreams: How 1980s Britain Learned to Love the Computer" PDF document.

[Save PDF »](#)



[PDF] New KS2 English SAT Buster 10-Minute Tests: 2016 SATs & Beyond

Follow the web link below to download and read "New KS2 English SAT Buster 10-Minute Tests: 2016 SATs & Beyond" PDF document.

[Save PDF »](#)



[PDF] No Friends?: How to Make Friends Fast and Keep Them (Paperback)

Follow the web link below to download and read "No Friends?: How to Make Friends Fast and Keep Them (Paperback)" PDF document.

[Save PDF »](#)