Militarized Conflict Modeling Using Computational Intelligence (Advanced Information and Knowledge Processing)

Tshilidzi Marwala, Monica Lagazio

Militarized Conflict Modeling Using Computational Intelligence (Advanced Information and Knowledge Processing)

Tshilidzi Marwala, Monica Lagazio

Militarized Conflict Modeling Using Computational Intelligence (Advanced Information and Knowledge Processing) Tshilidzi Marwala, Monica Lagazio

Militarized Conflict Modeling Using Computational Intelligence examines the application of computational intelligence methods to model conflict. Traditionally, conflict has been modeled using game theory. The inherent limitation of game theory when dealing with more than three players in a game is the main motivation for the application of computational intelligence in modeling conflict.

Militarized interstate disputes (MIDs) are defined as a set of interactions between, or among, states that can result in the display, threat or actual use of military force in an explicit way. These interactions can result in either peace or conflict. This book models the relationship between key variables and the risk of conflict between two countries. The variables include Allies which measures the presence or absence of military alliance, Contiguity which measures whether the countries share a common boundary or not and Major Power which measures whether either or both states are a major power.

Militarized Conflict Modeling Using Computational Intelligence implements various multi-layer perception neural networks, Bayesian networks, support vector machines, neuro-fuzzy models, rough sets models, neuro-rough sets models and optimized rough sets models to create models that estimate the risk of conflict given the variables. Secondly, these models are used to study the sensitivity of each variable to conflict. Furthermore, a framework on how these models can be used to control the possibility of peace is proposed. Finally, new and emerging topics on modelling conflict are identified and further work is proposed.

Download and Read Free Online Militarized Conflict Modeling Using Computational Intelligence (Advanced Information and Knowledge Processing) Tshilidzi Marwala, Monica Lagazio

From reader reviews:

Gerard Williams:

The book Militarized Conflict Modeling Using Computational Intelligence (Advanced Information and Knowledge Processing) give you a sense of feeling enjoy for your spare time. You should use to make your capable a lot more increase. Book can to become your best friend when you getting pressure or having big problem together with your subject. If you can make studying a book Militarized Conflict Modeling Using Computational Intelligence (Advanced Information and Knowledge Processing) for being your habit, you can get far more advantages, like add your own personal capable, increase your knowledge about a number of or all subjects. It is possible to know everything if you like open and read a reserve Militarized Conflict Modeling Using Computational Intelligence (Advanced Information and Knowledge Processing). Kinds of book are a lot of. It means that, science guide or encyclopedia or other people. So , how do you think about this e-book?

Patricia Frazier:

This book untitled Militarized Conflict Modeling Using Computational Intelligence (Advanced Information and Knowledge Processing) to be one of several books which best seller in this year, honestly, that is because when you read this reserve you can get a lot of benefit upon it. You will easily to buy that book in the book retail store or you can order it by way of online. The publisher in this book sells the e-book too. It makes you quickly to read this book, as you can read this book in your Smart phone. So there is no reason to your account to past this guide from your list.

Laura McLaughlin:

Precisely why? Because this Militarized Conflict Modeling Using Computational Intelligence (Advanced Information and Knowledge Processing) is an unordinary book that the inside of the publication waiting for you to snap the item but latter it will distress you with the secret that inside. Reading this book alongside it was fantastic author who also write the book in such incredible way makes the content on the inside easier to understand, entertaining method but still convey the meaning entirely. So , it is good for you because of not hesitating having this ever again or you going to regret it. This book will give you a lot of benefits than the other book get such as help improving your proficiency and your critical thinking way. So , still want to hesitate having that book? If I have been you I will go to the reserve store hurriedly.

John Lockett:

Reading a book to become new life style in this season; every people loves to examine a book. When you read a book you can get a lot of benefit. When you read publications, you can improve your knowledge, since book has a lot of information in it. The information that you will get depend on what sorts of book that you have read. If you need to get information about your examine, you can read education books, but if you act like you want to entertain yourself you are able to a fiction books, this sort of us novel, comics, along

with soon. The Militarized Conflict Modeling Using Computational Intelligence (Advanced Information and Knowledge Processing) provide you with new experience in reading a book.

Download and Read Online Militarized Conflict Modeling Using Computational Intelligence (Advanced Information and Knowledge Processing) Tshilidzi Marwala, Monica Lagazio #J8SAXCKMLIF

Read Militarized Conflict Modeling Using Computational Intelligence (Advanced Information and Knowledge Processing) by Tshilidzi Marwala, Monica Lagazio for online ebook

Militarized Conflict Modeling Using Computational Intelligence (Advanced Information and Knowledge Processing) by Tshilidzi Marwala, Monica Lagazio Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Militarized Conflict Modeling Using Computational Intelligence (Advanced Information and Knowledge Processing) by Tshilidzi Marwala, Monica Lagazio books to read online.

Online Militarized Conflict Modeling Using Computational Intelligence (Advanced Information and Knowledge Processing) by Tshilidzi Marwala, Monica Lagazio ebook PDF download

Militarized Conflict Modeling Using Computational Intelligence (Advanced Information and Knowledge Processing) by Tshilidzi Marwala, Monica Lagazio Doc

Militarized Conflict Modeling Using Computational Intelligence (Advanced Information and Knowledge Processing) by Tshilidzi Marwala, Monica Lagazio Mobipocket

Militarized Conflict Modeling Using Computational Intelligence (Advanced Information and Knowledge Processing) by Tshilidzi Marwala, Monica Lagazio EPub