



Artificial Intelligence for Humans, Volume 2: Nature-Inspired Algorithms

By Jeff Heaton



Artificial Intelligence for Humans, Volume 2: Nature-Inspired Algorithms By Jeff Heaton

Nature can be a great source of inspiration for artificial intelligence algorithms because its technology is considerably more advanced than our own. Among its wonders are strong AI, nanotechnology, and advanced robotics. Nature can therefore serve as a guide for real-life problem solving. In this book, you will encounter algorithms influenced by ants, bees, genomes, birds, and cells that provide practical methods for many types of AI situations. Although nature is the muse behind the methods, we are not duplicating its exact processes. The complex behaviors in nature merely provide inspiration in our quest to gain new insights about data. Artificial Intelligence for Humans is a book series meant to teach AI to those readers who lack an extensive mathematical background. The reader only needs knowledge of basic college algebra and computer programming. Additional topics are thoroughly explained. Every chapter also includes a programming example. Examples are currently provided in Java, C#, and Python. Other languages are planned. No knowledge of biology is needed to read this book. With a forward by Dave Snell.

 [Download Artificial Intelligence for Humans, Volume 2: Natu ...pdf](#)

 [Read Online Artificial Intelligence for Humans, Volume 2: Na ...pdf](#)

Artificial Intelligence for Humans, Volume 2: Nature-Inspired Algorithms

By Jeff Heaton

Artificial Intelligence for Humans, Volume 2: Nature-Inspired Algorithms By Jeff Heaton

Nature can be a great source of inspiration for artificial intelligence algorithms because its technology is considerably more advanced than our own. Among its wonders are strong AI, nanotechnology, and advanced robotics. Nature can therefore serve as a guide for real-life problem solving. In this book, you will encounter algorithms influenced by ants, bees, genomes, birds, and cells that provide practical methods for many types of AI situations. Although nature is the muse behind the methods, we are not duplicating its exact processes. The complex behaviors in nature merely provide inspiration in our quest to gain new insights about data. Artificial Intelligence for Humans is a book series meant to teach AI to those readers who lack an extensive mathematical background. The reader only needs knowledge of basic college algebra and computer programming. Additional topics are thoroughly explained. Every chapter also includes a programming example. Examples are currently provided in Java, C#, and Python. Other languages are planned. No knowledge of biology is needed to read this book. With a forward by Dave Snell.

Artificial Intelligence for Humans, Volume 2: Nature-Inspired Algorithms By Jeff Heaton Bibliography

- Sales Rank: #111950 in Books
- Published on: 2014-05-28
- Original language: English
- Number of items: 1
- Dimensions: 9.25" h x .55" w x 7.50" l, .0 pounds
- Binding: Paperback
- 242 pages

 [Download Artificial Intelligence for Humans, Volume 2: Natu ...pdf](#)

 [Read Online Artificial Intelligence for Humans, Volume 2: Na ...pdf](#)

Download and Read Free Online Artificial Intelligence for Humans, Volume 2: Nature-Inspired Algorithms By Jeff Heaton

Editorial Review

About the Author

Jeff Heaton is a data scientist, PhD student and indy publisher. Specializing in Java, C#, C/C++, Python and R, he is an active technology blogger, open source contributor, and author of more than ten books. His areas of expertise include predictive modeling, data mining, big data, business intelligence, and artificial intelligence. Jeff holds a Master's Degree in Information Management from Washington University. He is also a senior member of the IEEE, a Sun-Certified Java Programmer, the lead developer for the Encog Machine Learning Framework open source project, and a fellow of the Life Management Institute (FLMI).

Users Review

From reader reviews:

Jonathan Scott:

As people who live in the modest era should be upgrade about what going on or facts even knowledge to make these individuals keep up with the era that is always change and make progress. Some of you maybe will probably update themselves by reading books. It is a good choice in your case but the problems coming to anyone is you don't know what kind you should start with. This Artificial Intelligence for Humans, Volume 2: Nature-Inspired Algorithms is our recommendation to cause you to keep up with the world. Why, as this book serves what you want and wish in this era.

Robert Reynolds:

Reading a book for being new life style in this year; every people loves to go through a book. When you study a book you can get a lot of benefit. When you read guides, you can improve your knowledge, because book has a lot of information onto it. The information that you will get depend on what sorts of book that you have read. If you want to get information about your research, you can read education books, but if you act like you want to entertain yourself look for a fiction books, these kinds of us novel, comics, as well as soon. The Artificial Intelligence for Humans, Volume 2: Nature-Inspired Algorithms will give you new experience in studying a book.

Lisa Haight:

Is it you actually who having spare time and then spend it whole day through watching television programs or just resting on the bed? Do you need something new? This Artificial Intelligence for Humans, Volume 2: Nature-Inspired Algorithms can be the respond to, oh how comes? A fresh book you know. You are consequently out of date, spending your extra time by reading in this brand-new era is common not a nerd activity. So what these publications have than the others?

Thelma Atkins:

That guide can make you to feel relax. This particular book Artificial Intelligence for Humans, Volume 2: Nature-Inspired Algorithms was colourful and of course has pictures around. As we know that book Artificial Intelligence for Humans, Volume 2: Nature-Inspired Algorithms has many kinds or variety. Start from kids until adolescents. For example Naruto or Private eye Conan you can read and think that you are the character on there. Therefore not at all of book are make you bored, any it offers up you feel happy, fun and relax. Try to choose the best book for you personally and try to like reading which.

**Download and Read Online Artificial Intelligence for Humans,
Volume 2: Nature-Inspired Algorithms By Jeff Heaton
#YX9L60DBEKN**

Read Artificial Intelligence for Humans, Volume 2: Nature-Inspired Algorithms By Jeff Heaton for online ebook

Artificial Intelligence for Humans, Volume 2: Nature-Inspired Algorithms By Jeff Heaton Free PDF download, 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 Artificial Intelligence for Humans, Volume 2: Nature-Inspired Algorithms By Jeff Heaton books to read online.

Online Artificial Intelligence for Humans, Volume 2: Nature-Inspired Algorithms By Jeff Heaton ebook PDF download

Artificial Intelligence for Humans, Volume 2: Nature-Inspired Algorithms By Jeff Heaton Doc

Artificial Intelligence for Humans, Volume 2: Nature-Inspired Algorithms By Jeff Heaton Mobipocket

Artificial Intelligence for Humans, Volume 2: Nature-Inspired Algorithms By Jeff Heaton EPub