



Neural Networks for Electronics Hobbyists: A Non-Technical Project-Based Introduction (Paperback)

By Richard McKeon

aPress, United States, 2018. Paperback. Condition: New. 1st ed. Language: English. Brand new Book. Learn how to implement and build a neural network with this non-technical, project-based book as your guide. As you work through the chapters, you'll build an electronics project, providing a hands-on experience in training a network. There are no prerequisites here and you won't see a single line of computer code in this book. Instead, it takes a hardware approach using very simple electronic components. You'll start off with an interesting non-technical introduction to neural networks, and then construct an electronics project. The project isn't complicated, but it illustrates how back propagation can be used to adjust connection strengths or "weights" and train a network. By the end of this book, you'll be able to take what you've learned and apply it to your own projects. If you like to tinker around with components and build circuits on a breadboard, Neural Networks for Electronics Hobbyists is the book for you. What You'll Learn Gain a practical introduction to neural networks Review techniques for training networks with electrical hardware and supervised learning Understand how parallel processing differs from standard sequential programming Who This Book Is For Anyone interest in neural networks, from...



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