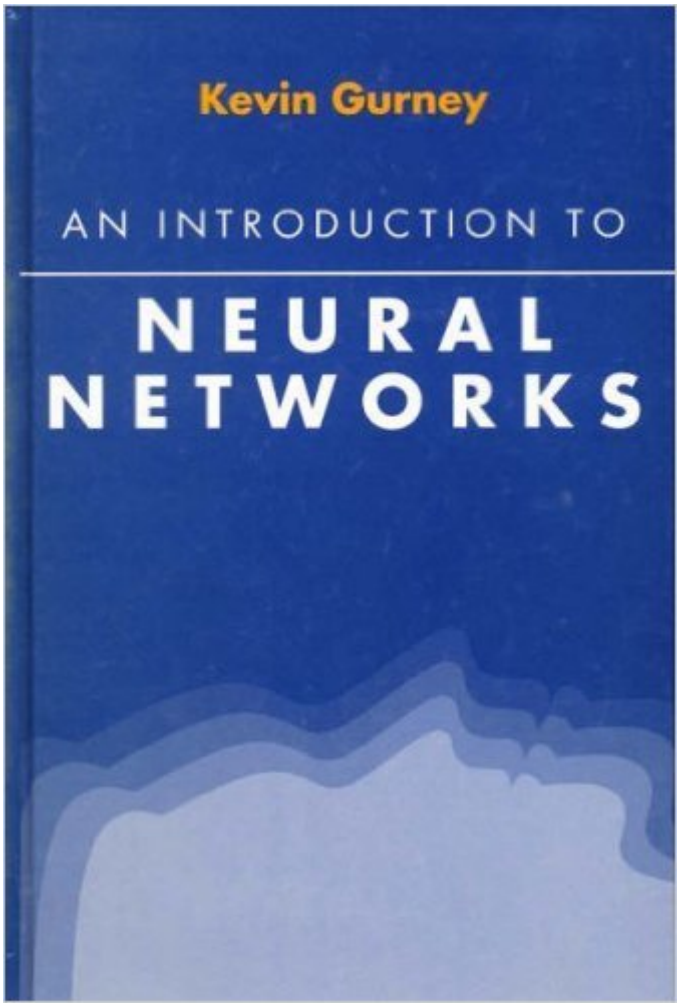
An Introduction To Neural Networks



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Customer Reviews

I checked this book out of my university library and was pleasently suprised, although this is by no means a comprehensive book for those who are taking a high level course on AI/neural nets it serves as a very good and complete introduction to those of us who wish to learn more about a very interesting area of computing. After an introduction and review of notation, several basic models are introduced starting with the TLU and progressively presenting more advanced models.The book is not aimed towards computer science students, and also has in mind other backgrounds. It does however require a sufficient background in science/math (basic algebra and geometry, vectors).

This is one of the best written books on NN. This book has that rare quality of being succinct but

clearly written so that it can be understood by reasonably mathematical minded individual.It covers most of the basic topics (back propagation, feed forward, Hopfield nets etc) and gives idiosyncrasies of the field. It also gives you a simple but accurate understanding of the mathematics and algorithms for the field.I would highly recommend this book to anyone just entering into the field and has some mathematical background.

This book got me started with neural networks. Prior to this book I had only read some articles and didn't quite know what was going on. Now I have an application that makes football predictions straight up. It does not go overboard with math but there are certainly some deep sections. Even if you are using someone else's neural network objects, this is a good read to help you understand the concepts behind NN and what type you want to use.

An excellent introduction to the subject. The author does a good job of presenting the core ideas in as intuitive a manner as possible without dumbing down the subject. Rigorous math is avoided making this an excellent introductory text for those wishing to grasp the fundamental concepts, and understand the power and practicality of neural networks. I would recommend this book as a companion to Simon Haykin's Neural Networks: A Comprehensive Foundation.

(Machine Learning in Python) Deep Learning Neural Networks: Design and Case Studies Fusion of Neural Networks, Fuzzy Systems and Genetic Algorithms: Industrial Applications (International Series on Computational Intelligence) Kalman Filtering and Neural Networks Neural Networks: A Comprehensive Foundation (2nd Edition) Elements of Artificial Neural Networks (Complex Adaptive Systems) Intelligence Emerging: Adaptivity and Search in Evolving Neural Systems (MIT Press) Soft Computing: Integrating Evolutionary, Neural, and Fuzzy Systems Neural Network Training Using Genetic Algorithms (Series in Machine Perception and Artificial Intelligence)