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Deep Learning I

Bibliografia, Referências e Links Úteis



#### Artificial Neural Networks, Volume 2

https://www.amazon.com.br/Artificial-Neural-Networks-Proceedings-Internationalebook/dp/B01E54DV3Y/ref=sr 1 fkmr0 4?ie=UTF8&qid=1482735716&sr=8-4fkmr0&keywords=Optimization+of+neural+network+structure+and+learning+parameters+usin g+genetic+algorithms

#### Fundamentals of Computational Neuroscience

https://www.amazon.com.br/Fundamentals-Computational-Neuroscience-Thomas-Trappenberg-ebook/dp/B00F1D7K90/ref=sr 1 1?ie=UTF8&qid=1482394244&sr=8-1&keywords=Fundamentals+of+Computational+Neuroscience

#### Kernel Methods for Pattern Analysis

https://www.amazon.com.br/Kernel-Methods-Pattern-Analysis-Shawe-Taylor-ebook/dp/B00AKE1QVS/ref=sr 1 1?ie=UTF8&qid=1482394091&sr=8-1&keywords=Kernel+Methods+for+Pattern+Analysis

# Kernel Based Algorithms for Mining Huge Data Sets: Supervised, Semi-supervised, and Unsupervised Learning

https://www.amazon.com.br/Kernel-Based-Algorithms-Mining-Huge/dp/3642068561/ref=sr 1 1?ie=UTF8&qid=1482394133&sr=8-1&keywords=Kernel+Based+Algorithms+for+Mining+Huge+Data+Sets%3A+Supervised%2C+Semi-supervised%2C+and+Unsupervised+Learning

# Fuzzy Neural Networks for Real Time Control Applications: Concepts, Modeling and Algorithms for Fast Learning

https://www.amazon.com.br/Fuzzy-Neural-Networks-Control-Applicationsebook/dp/B016KG32G6/ref=sr 1 1?ie=UTF8&qid=1482394009&sr=8-1&keywords=Fuzzy+Neural+Networks+for+Real+Time+Control+Applications%3A+Concepts%2C+Modeling%2C+and+Algorithms+for+Fast+Learning

## Case Studies in Neural Data Analysis - A Guide for the Practicing Neuroscientist

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#### The Organization of Behavior: A Neuropsychological Theory

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#### Deep Learning Book

http://www.deeplearningbook.org/contents/TOC.html



## Demystifying artificial intelligence

https://dupress.deloitte.com/dup-us-en/focus/cognitive-technologies/what-is-cognitive-technology.html

DeepFace: Closing the Gap to Human-Level Performance in Face Verification https://www.cs.toronto.edu/~ranzato/publications/taigman\_cvpr14.pdf

## **Training Recurrent Neural Networks**

http://www.pdx.edu/sites/www.pdx.edu.sysc/files/Jaeger TrainingRNNsTutorial.2005.pdf

### Feature extraction using convolution

http://deeplearning.stanford.edu/wiki/index.php/Feature extraction using convolution

### Deep Learning Book Brasil

http://www.deeplearningbook.com.br