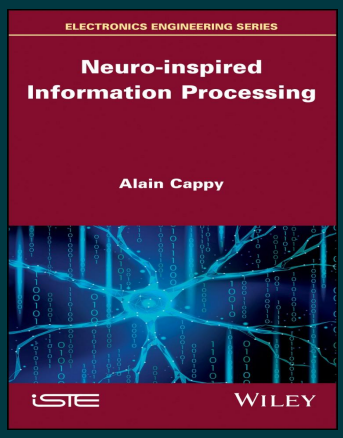
WILEY



eBook - Neuro-inspired Information Processing

By Alain Cappy

eBook 9789377061609 ₹- Price

Pages: 240

Description

This text explores the interdisciplinary domain of neuro-inspired (neuromorphic) computing, where principles of biological neural systems guide the design of information-processing machines. It examines how artificial neurons and synapses can be implemented in software or hardware to achieve energy-efficient and high-performance computation, addressing both theoretical foundations and emerging technologies. The book discusses the relevance of brain-inspired architectures in the context of AI, IoT, and advanced computing systems, making it relevant for researchers and engineers interested in the convergence of neuroscience and computing.

About the Author

Alain Cappy

Alain Cappy is Professor Emeritus at the University of Lille, France.

Table of Contents

1. Information Processing
2. Information Processing in the Living
3. Neurons and Synapses
4. Artificial Neural Networks

To purchase this product, please visit:
https://www.wileyindia.com/ebook-neuro-inspired-information-processing.html

Scan to buy