VLSI and Hardware Implementations Using Modern Machine Learning Methods

Overview

The book "VLSI and Hardware Implementations Using Modern Machine Learning Methods" provides a comprehensive overview of the latest machine learning (ML) techniques and their applications in VLSI design and hardware implementations. It covers a wide range of topics, including:

- to VLSI and hardware implementations

- Overview of modern machine learning methods

- Applications of ML in VLSI design

- Applications of ML in hardware implementations

- Case studies and examples

Why is this book important?

The book is important because it provides a comprehensive overview of the latest ML techniques and their applications in VLSI design and hardware implementations. It is a valuable resource for researchers, engineers, and students who are interested in this field.

VLSI and Hardware Implementations using Modern Machine Learning Methods by Simon Unwin

★★★★☆ 4.8 out of 5

Language : English
File size : 40273 KB
Print length : 336 pages

What are the benefits of reading this book?

The benefits of reading this book include:

- Gain a comprehensive understanding of the latest ML techniques and their applications in VLSI design and hardware implementations

- Learn how to apply ML techniques to improve the performance and efficiency of VLSI designs and hardware implementations

- Stay up-to-date on the latest research and development in this field

Who should read this book?

This book is intended for researchers, engineers, and students who are interested in VLSI design, hardware implementations, and machine learning.

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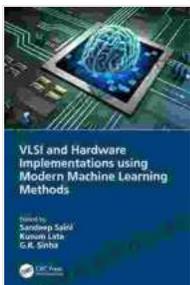
The table of contents for the book is as follows:

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2. Overview of Modern Machine Learning Methods

3. Applications of ML in VLSI Design

4. Applications of ML in Hardware Implementations

5. Case Studies and Examples

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The book "VLSI and Hardware Implementations Using Modern Machine Learning Methods" is a valuable resource for researchers, engineers, and students who are interested in this field. It provides a comprehensive overview of the latest ML techniques and their applications in VLSI design and hardware implementations.

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