



IoTおよびビッグデータハンドブック Handbook of IoT and Big Data

Series: Science, Technology, and Management

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- ◇ IoT およびビッグデータの最新の研究と応用開発の現状に焦点をあてます。
- ◇ 急速に成長しつつあるビッグデータのマーケットと次々と開発される技術について解説。
- ◇ ハードウェア、ソフトウェア、センサ、省エネの追求に関連する自動化についてカバー。
- ◇ IoT およびビッグデータの将来の可能性について展望を明らかにします。

This multi-contributed handbook will focus on the latest workings of IoT (internet of Things) and Big Data. As the resources are limited, it's the endeavor of the authors to support and bring the information into one resource. The book will be divided into 4 sections that will cover IoT and technologies, the future of Big Data, algorithms, and case studies showing IoT and Big Data in various fields such as health care, manufacturing and automation.

Contents:

Section One: IoT and Technologies. 1. History, Present and Future with IoT. 2. Application Scenario and Dependence with IoT. 3. High Level Languages and IoT : Sensors Controls. 4. IoT and Industry Expectations. Section Two: Big data and Future Horizons. 5. Language and Big Data Explosion. 6. Big Data and Future Dimension in IT. 7. Why Big Data, and Its Basic-to Advance Big Data Journey. 8. Hardware and Big Data: The Outcome to Industry. Section Three: Big Data and Algorithm. 9. Algorithm and Infrastructure using IoT. 10. IoT and Big Data: Evolution, Present and Future Dreams. 11. Power House of Infrastructure or Automation. 12. The Perception and Possibilities about IoT. Section Four: Interdisciplinary Tools and Cases of IoT and Big Data. 13. A Collaborative Approach: IoT and Big Data. 14. The Automation: Arduino-Lab View and other Tools. 15. Big Data and Medical Health Care. 16. The Case Study: IoT and the Future.



ご注文・お問い合わせは下記へお申し込み下さい。

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