

SB-3296 (統計学 数学 情報科学 経済・経営 理工・医学系 人文・社会系)

October 2026

学術・ビジネスで生き残るための文理を越える必須教養

データサイエンス2026/2027
Data Science 2026/2027

人間的限界を超えて激増するデータを整理、分析、可視化し、研究・実践の場で活用していくために、近年どの分野でも数理・統計・情報科学を基盤とする「データサイエンス」の知が求められています。ここでは、分野によらず共通する手法を中心に、新刊・好評タイトルを精選してご案内いたします。

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おすすめタイトル

マルコフ連鎖モンテカルロ法ハンドブック (第2版)

1. Editors: Radu V. Craiu, Dootika Vats, Galin L. Jones, Andrew Gelman

Handbook of Markov Chain Monte Carlo

(Chapman & Hall/CRC Handbooks of Modern Statistical Methods).

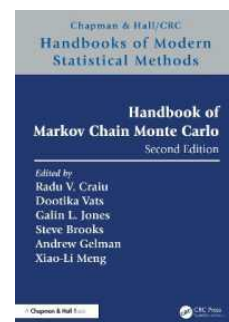
2ND 2026:03 678 p. (Chapman & Hall/CRC) -GB-

ISBN 978-1-032-59157-5

在庫限定 20%OFF (特価 GBP 136 / 通常 GBP 170)

Web 販売価格 ¥33,255(税込) / 標準価格 ¥43,683(税込)

(通常価格) Web 販売価格 ¥41,570(税込) / 標準価格 ¥54,604(税込)



本書は、データサイエンスの潮流の中でも注目を集める「マルコフ連鎖モンテカルロ法(MCMC)」の基本書の初版(ISBN: 9781420079418)刊行以来、15年間の劇的な進化を反映したハンドブックです。新たに二人の編者が加わり、理論的な基礎と分野を再構築する最新技術の発展について、より深く理解し、実践的なMCMCの実装戦略を学ぶことができます。

初版から引き続き編集を務める Andrew Gelman は同じく CRC Press から刊行の古典テキスト Bayesian Data Analysis (ISBN: 9781439840955・邦訳『ベイズデータ解析』ISBN: 9784627097032)の著者としても知られており、統計学コミュニティを先導する執筆陣によって本書は制作されました。

最新のMCMC手法の包括的ガイドとして、ベイズ計算や最新の統計モデリングに取り組む方に、本書をおすすめいたします。

【新版の特長】

1. 新たな内容で全編を再構成し、初版に収録した13章を更新、新章を10章収録し、最新手法の進展を反映。
2. 近年発展した手法を詳述: 最新マルチモーダルサンプリング、尤度関数が困難な問題、インボリューティブMCMC理論
3. 不偏MCMC法、コントロール変数、厳密な収束境界について包括的に解説。
4. 最新のハードウェアプラットフォームへマルコフ連鎖モンテカルロ法を実装するための実践的なガイダンスを収録。
また、MCMCと深層学習、他の機械学習手法を統合する最新資料を収録。
5. GitHubリポジトリでサンプル章やコード、データを利用可能。



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mirai.kinokuniya.co.jp/catalog/selected-book-list

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※ 為替レートの変動、出版社の都合により価格は変更されることがあります。

データサイエンス一般

データサイエンスのためのブロックチェーンの基礎、
データ構造、アルゴリズム

2. Akçora, Cüneyt Gürçan/ Kantarcioglu, Murat/
Gel, Yulia R.

**Blockchain Fundamentals, Data Structures, and
Algorithms for Data Science.**

2026:08 454 p. (Cambridge University Press) -GB-
ISBN 9781316518946
GBP 70.00

Web 販売価格 ¥18,018 / 標準価格 ¥22,484

Offering a systematic exploration of blockchain networks from both technical and analytical viewpoints, this book introduces the core structures that underpin blockchain systems, transactions, addresses, and smart contracts and explains how these can be modeled, visualized, and analyzed using modern data science methods.

コミュニティ活性化のためのデータ

3. Bhargava, Rahul

Community Data :

Creative Approaches to

Empowering People with Information.

2025:02 272 p. (Oxford University Press) -GB-
ISBN 9780198911630
GBP 31.99

Web 販売価格 ¥8,233 / 標準価格 ¥10,275

Community Data offers arguments and approaches to working with data in support of community goals. This book is built around concrete examples that will challenge what you think of as data storytelling, expand who you think can work with data, and introduce you to new settings where innovative datanarratives are being created.

工学部生のためのデータサイエンス入門 (テキスト)

4. Bilionis, Ilias

Introduction to Data Science for Engineering Students.

2026:02 324 p. (World Scientific) -US-
ISBN 9789819822430
USD 118.00

Web 販売価格 ¥22,585 / 標準価格 ¥28,166

ISBN 9789819823420 pap.
USD 58.00

Web 販売価格 ¥11,101 / 標準価格 ¥13,844

Based on a proven course at Purdue University, this book offers engineering students a concise and practical introduction to data science - no prior experience required. Designed specifically for those new to programming and statistical analysis, the book introduces the essential tools and concepts behind today's predictive AI systems.

データサイエンティスト誕生：
新たな専門職がつくられた内幕

5. Brandt, Philipp

**Inside Data Science : Hackers
and the Making of a New Profession.**

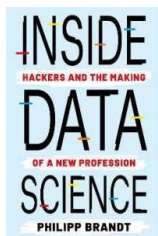
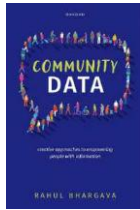
2025:12 368 p.
(Columbia University Press) -US-
ISBN 9780231214087
USD 140.00

Web 販売価格 ¥26,796 / 標準価格 ¥33,418

ISBN 9780231214094 pap.
USD 36.00

Web 販売価格 ¥6,890 / 標準価格 ¥8,593

Where did data science come from, and why did it gain broad recognition? Philipp Brandt met data science's early protagonists in New York City's start-up spaces, coffee shops, and lecture halls, where they displayed a puzzling combination of enthusiasm and uncertainty. Retracing their conversations, Brandt demonstrates how the data scientist role emerged from the collective processing of personal struggles navigating the uncharted space between statistical expertise and coding skills.



データサイエンス・ハンドブック (第2版)

6. Cady, Field

The Data Science Handbook.

2ND 2024:10 368 p.
(Wiley) -US-
ISBN 9781394234493
在庫価格 USD 76.95

Web 販売価格 ¥13,843 / 標準価格 ¥18,367

データサイエンティストになるために必要な知識とスキルをわかりやすく解説するガイド。ソフトウェアエンジニアリングとコーディングの実践的な能力の開発に重点を置く。

Practical, accessible guide to becoming a data scientist, updated to include the latest advances in data science and related fields. Prev. ed.: 2017.

ブロックチェーン・アナリティクス・ハンドブック

7. Chen, Cathy Yi-Hsuan (ed.)/
Härdle, Wolfgang Karl (ed.)/
Lu, Henry Horng-Shing (ed.)

Handbook of Blockchain Analytics

(Springer Handbooks of Computational Statistics).

2026:02 1000 p. (Springer) -DE-
ISBN 9783031954177
EUR 249.99

Web 販売価格 ¥50,344 / 標準価格 ¥68,196

This handbook delves into the multifaceted domain of blockchain technology and its applications, offering insights across technological, economic, and practical dimensions. It is divided into several parts, reflecting analysis techniques specific to different fields of application, including digital finance, security and supply chains, among others.

RとPythonとオープン・データで学ぶ
データサイエンスの基礎

8. Cremonini, Marco

**Data Science Fundamentals with R,
Python, and Open Data.**

2024:03 480 p. (Wiley) -US-
ISBN 9781394213245
在庫価格 USD 133.95

Web 販売価格 ¥24,098 / 標準価格 ¥31,973

オープンデータを利用して効率よくデータサイエンスのプロジェクトを遂行するために、PythonとRStudioに焦点を当てて基礎および種々のテクニックとツールをカバーし、現実のデータにしばしば見られるばらつきに対しても自信を持って整理・分析可能にするコツを伝授する。

Organized with a strong focus on open data, Data Science Fundamentals with R, Python, and Open Data discusses concepts, techniques, tools, and first steps to carry out data science projects, with a focus on Python and RStudio, reflecting a clear industry trend emerging towards the integration of the two. The text examines intricacies and inconsistencies often found in real data, explaining how to recognize them and guiding readers through possible solutions, and enables readers to handle real data confidently and apply transformations to reorganize, indexing, aggregate, and elaborate.

統計学者の思考法：

データサイエンス時代の教養

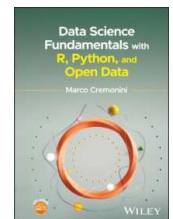
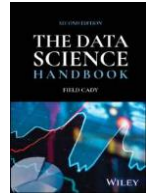
9. Efron, Bradley

To Think Like a Statistician.

2026:08 296 p.
(Princeton University Press) -US-
ISBN 9780691245829
USD 29.95

Web 販売価格 ¥5,732 / 標準価格 ¥7,148

Bradley Efron is one of the most renowned statisticians in the world and has shaped how data science and machine learning are practiced today. shares the skills statisticians use to sift through evidence, learn from experience, and extract meaning and knowledge from the random and the contradictory. He draws on examples ranging from David Hume's critique of miracles to counterfeit Basquiats, AI hallucinations, pandemics, competing political claims, government approvals of Alzheimer's treatments, gambling, and misinformation.



データを理解する：

統計学とデータサイエンスへの21世紀型アプローチ

10. Garfinkel, Alan/ Guo, Yina

Understanding Data : A 21st Century Approach to Statistics and Data Science.

2026:05 665 p. (Springer) -DE-

ISBN 9783032185990

EUR 74.99

Web 販売価格 ¥15,101 / 標準価格 ¥20,456

This text introduces statistics to beginning students in a distinctly original and non-traditional way. It assumes minimal mathematical or statistical background, yet offers substantial depth that will also engage experienced practitioners.

社会正義に貢献するデータサイエンスへ

11. Green, Ben

Algorithmic Realism : Data Science Practices to Promote Social Justice.

2026:10 240 p. (MIT Press) -US-

ISBN 9780262055703 pap.

USD 40.00

Web 販売価格 ¥7,656 / 標準価格 ¥9,548

Ben Green presents a bold and interdisciplinary approach to data science. Drawing on his experience practicing data science in the public interest, he argues that improving society with algorithms requires transforming data science from a formalist methodology focused on mathematical models into a practical methodology focused on addressing real-world problems.



機械学習ベンチマークの最新科学

12. Hardt, Moritz

The Emerging Science of Machine Learning Benchmarks.

2026:10 376 p.

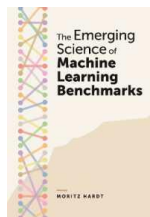
(Princeton University Press) -US-

ISBN 9780691284293

USD 39.95

Web 販売価格 ¥7,646 / 標準価格 ¥9,535

In machine learning, researchers split their data into training and test sets, let model builders compete on the test set, and call it a benchmark. Statistical tradition prescribed locking test sets in a vault, but machine learning practitioners shared them freely. Benchmarking shouldn't have worked, but it did, and the machine learning community never figured out the science behind it. How did benchmarking, despite its flaws, lead to advances in AI?



Excel で段階別に学べる

Python データサイエンス

13. Langer, David

Python in Excel Step-by-Step.

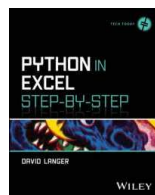
2026:03 272 p. (Wiley) -US-

ISBN 9781394340767 pap.

USD 60.00

Web 販売価格 ¥10,794 / 標準価格 ¥14,322

Analytics educator and Microsoft Excel MVP David Langer demonstrates how to use Python in Excel, to unlock new analytics capabilities in Excel, and build your foundation for the future of Excel: do-it-yourself (DIY) data science.



データ・リテラシー：

デジタル時代の必須言語

14. Law, Sau Wai/ Yim, Benny

Data Literacy : The Essential Language in the Digital Era.

2025:07 372 p. (Routledge) -GB-

ISBN 9781032875989

GBP 171.99

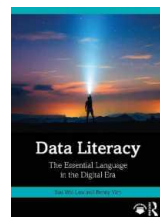
Web 販売価格 ¥42,056 / 標準価格 ¥55,243

ISBN 9781032872551 pap.

GBP 49.99

Web 販売価格 ¥12,223 / 標準価格 ¥16,056

Data has been called the “new oil” of the 21st Century economy, yet knowledge of how to harness and comprehend data is lagging. This book presents a comprehensive guide for undergraduate



students and business practitioners to acquire the core competencies to become data literate.

ビッグデータ解析：理論と技術（テキスト）

15. Luo, Senlin/ Pan, Limin

Big Data Analysis : Theory and Technology (Big Data Management).

2026:03 391 p. (Springer) -DE-

ISBN 9789819557240

EUR 64.99

Web 販売価格 ¥13,087 / 標準価格 ¥17,728

This book systematically and comprehensively explores and discusses the theory and technology of big data analysis. The main topics include the basic concept of big data analytics, its core architecture, the calculation model used, the clash between big data and information security, big data and natural language processing, and big data and biological information processing.

Python 初心者完全ガイド

16. Mitchell, Ryan

Unlocking Python :**A Comprehensive Guide for Beginners.**

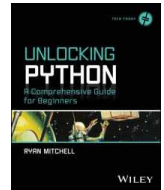
2025:06 432 p. (Wiley) -US-

ISBN 9781394288496 pap.

USD 50.00

Web 販売価格 ¥8,995 / 標準価格 ¥11,935

In Unlocking Python: A Comprehensive Guide for Beginners, veteran software engineer, educator, and author Ryan Mitchell delivers an intuitive, engaging, and practical roadmap to Python programming. The author walks you through the vocabulary, tools, foundational knowledge, and occasional pop-culture references you'll need to hone your skills with this popular programming language.



非構造化データを解き放つ：

大規模言語モデルを用いた公共サービスの変革

17. Mohammadi Rouzbahani, Hossein (ed.)

Unlocking Unstructured Data : Transforming Public Services with Large Language Models (The Springer Series in Applied Machine Learning).

2026:09 454 p. (Springer) -DE-

ISBN 9783032276193

EUR 169.99

Web 販売価格 ¥34,233 / 標準価格 ¥46,372

This book explores how Large Language Models can help public organizations turn previously unusable information into actionable insight. Government agencies collect enormous volumes of handwritten forms, PDFs, free-text responses, case notes, and other unstructured content, yet much of it remains difficult to analyze at scale. This book shows how LLMs, combined with OCR, computer vision, and related document-processing techniques, can extract structure and meaning from these data sources, helping public sector teams improve service delivery, operational efficiency, and evidence-based decision-making.

ケンブリッジ版

行動データサイエンス・ハンドブック

18. Pogrebnna, Ganna (ed.)/ Hills, Thomas T. (ed.)

The Cambridge Handbook of Behavioural Data Science (Cambridge Handbooks in Psychology).

2026:06 834 p.

(Cambridge University Press) -GB-

ISBN 9781108837392

GBP 195.00

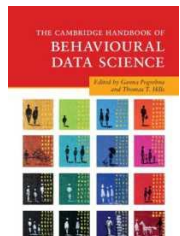
Web 販売価格 ¥50,193 / 標準価格 ¥62,634

ISBN 9781108940566 pap.

GBP 75.00

Web 販売価格 ¥19,305 / 標準価格 ¥24,090

The Cambridge Handbook of Behavioural Data Science offers an essential exploration of how behavioural science and data science converge to study, predict, and explain human, algorithmic, and systemic behaviours. Bringing together scholars from psychology, economics, computer science, engineering, and philosophy, the Handbook presents interdisciplinary perspectives on emerging methods, ethical dilemmas, and real-world applications.

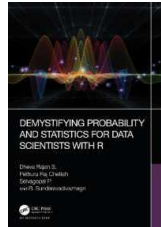


データサイエンティストのための Rでわかるようになる確率・統計

19. Rajan S., Dheva/ Raj Chelliah, Pethuru/ P., Selvagopal/ Sundaravadivazhagn, B.

Demystifying Probability and Statistics for Data Scientists with R.

2026:10 400 p. (CRC Press) -GB-
ISBN 9781032436210 pap.
GBP 54.99



Web 販売価格 ¥13,446 / 標準価格 ¥17,662

This book illustrates statistics with the R programming language, an emerging tool in data science. Filled with techniques for data science and analytics programming, the book is written for students and professionals. It is focused on learning outcomes and problem solving.

データサイエンス：理論と実践

20. Rodríguez-Mazahua, Lisbeth (ed.)/
Cano, Isaac Machorro (ed.)/ Li, Xiaou (ed.)/
Alor-Hernández, Giner (ed.)

Data Science: Theory and Practice (Studies in Big Data 203).

2026:12 637 p. (Springer) -DE-
ISBN 9783032338570
EUR 169.99

Web 販売価格 ¥34,233 / 標準価格 ¥46,372

This book aims to collect and consolidate innovative, high-quality research contributions on data science applications for solving real-world problems. In addition, it provides insights into recent advances in data science, including original scientific contributions such as theoretical foundations, models, experimental research, and case studies for developing or applying data science techniques to address problems across several domains.

スポーツのためのデータ解析手法 (テキスト・第3版)

21. Severini, Thomas A

Analytic Methods in Sports : Using Mathematics and Statistics to Understand Data from Baseball, Football, Basketball, and Other Sports.

3RD 2026:01 460 p. (Chapman & Hall/CRC) -GB-
ISBN 9781032836096
GBP 180.00

Web 販売価格 ¥44,015 / 標準価格 ¥57,816

ISBN 9781032836003 pap.
GBP 62.99

Web 販売価格 ¥15,402 / 標準価格 ¥20,232

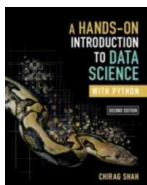
Used to teach an introductory course on statistics to undergraduate students using sports examples. Its practical focus on application rather than theory ensures students develop immediately applicable skills for the rapidly expanding field of sports analytics. Prev. ed.: 2020.

Python を用いたデータサイエンス実地入門 (第2版)

22. Shah, Chirag

A Hands-On Introduction to Data Science with Python.

2ND 2026:01 424 p.
(Cambridge University Press) -GB-
ISBN 9781009588928
GBP 110.00



Web 販売価格 ¥28,314 / 標準価格 ¥35,332

ISBN 9781009588942 pap.
GBP 45.00

Web 販売価格 ¥11,583 / 標準価格 ¥14,454

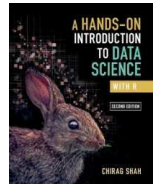
This new edition is fully revised and updated, with numerous exercises and examples in the popular data science tool Python, a new chapter on using Python for statistical analysis, and a new chapter that demonstrates how to use Python within a range of cloud platforms.

Rを用いたデータサイエンス実地入門 (第2版)

23. Shah, Chirag

A Hands-On Introduction to Data Science with R.

2ND 2026:01 406 p.
(Cambridge University Press) -GB-
ISBN 9781009589079
GBP 110.00



Web 販売価格 ¥28,314 / 標準価格 ¥35,332

ISBN 9781009589055 pap.
GBP 45.00

Web 販売価格 ¥11,583 / 標準価格 ¥14,454

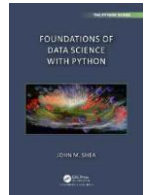
This new edition is fully revised and updated, with numerous exercises and examples in the popular data science tool R, a new chapter on using R for statistical analysis, and a new chapter that demonstrates how to use R within a range of cloud platforms.

Python によるデータサイエンスの基礎

24. Shea, John M.

Foundations of Data Science with Python (Chapman & Hall/CRC The Python Series).

2024:02 464 p. (Chapman & Hall/CRC) -GB-
ISBN 9781032346748
GBP 210.00



Web 販売価格 ¥51,351 / 標準価格 ¥67,452

ISBN 9781032350424 pap.

special p. 10%OFF (2027/3/26迄) GBP 73.79

Web 販売価格 ¥18,043 / 標準価格 ¥23,700

GBP 81.99

Web 販売価格 ¥20,048 / 標準価格 ¥26,335

The statistical techniques and tools are explained and demonstrated using a diverse collection of data sets to conduct statistical tests related to contemporary topics, from the effects of socioeconomic factors on the spread of the COVID-19 virus to the impact of state laws on firearms mortality.

須藤修 (編) / 社会システムと社会科学へのデータ分析の影響：日本におけるDXとAIの社会的影響に関する研究

25. Sudoh, Osamu (ed.)

Data Analysis Impact on Social System and Social Sciences: Study on the Social Impact of DX and AI in Japan : Data Visualization and Prediction in Human Society (Springerbriefs for Data Scientists and Innovators).

2026:01 147 p. (Springer) -DE-
ISBN 9789819526123 soft
EUR 49.99

Web 販売価格 ¥10,067 / 標準価格 ¥13,636

This brief discusses how to deal with data visualization and prediction in human society, a context in which big data analysis and artificial intelligence have the potential to transform the world. The debates presented in this brief combine different disciplines such as data-science, economics, political science, social informatics, informatics, philosophy of recognition and human actions, and artificial intelligence for human society.

最初に読むデータサイエンス入門 Python 版

26. Timbers, Tiffany/ Campbell, Trevor/ Lee, Melissa/
Ostblom, Joel/ Heagy, Lindsey

Data Science : A First Introduction with Python (Chapman & Hall/CRC Data Science Series).

2024:08 432 p. (Chapman & Hall/CRC) -GB-
ISBN 9781032572192
GBP 171.99

Web 販売価格 ¥42,056 / 標準価格 ¥55,243

ISBN 9781032572239 pap.
GBP 64.99

Web 販売価格 ¥15,891 / 標準価格 ¥20,874

Data Science: A First Introduction with Python focuses on using the Python programming language in Jupyter notebooks to perform data manipulation and cleaning, create effective visualizations, and extract insights from data using classification, regression, clustering, and inference.

**データマイニング：
実践的機械学習ツール・技術（第5版）**

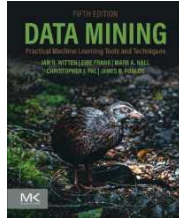
27. Witten, Ian H./ Frank, Eibe/
Hall, Mark A./ Pal, Christopher J./
Foulds, James

**Data Mining :
Practical Machine Learning
Tools and Techniques.**

5TH 2025:05 688 p. (Elsevier) -US-
ISBN 9780443158889 pap.
在庫価格 USD 79.95

Web 販売価格 ¥15,302 / 標準価格 ¥19,083

This book offers a thorough grounding in machine learning concepts, along with practical advice on applying these tools and techniques in real-world data mining situations. This highly anticipated new edition of the most acclaimed work on data mining and machine learning teaches readers everything they need to know to get going, from preparing inputs, interpreting outputs, evaluating results, to the algorithmic methods at the heart of successful data mining approaches.



シュプリンガー版 データ工学ハンドブック

28. Xhafa, Fatos (ed.)/ Juan, Angel A. (ed.)/
Herrero, Rolando (ed.)

**Springer Handbook of Data Engineering
(Springer Handbooks).**

2027:02 1500 p. (Springer) -DE-
ISBN 9783031923715
EUR 499.99



Web 販売価格 ¥100,691 / 標準価格 ¥136,396

The Springer Handbook of Data Engineering is a comprehensive reference on the principles, technologies, and practices for designing, building, and deploying modern data infrastructures. It addresses the engineering foundations required to transform massive, heterogeneous data into actionable knowledge for intelligent systems and data-driven decision-making. This handbook explores the full spectrum of data engineering challenges, from distributed architectures and cloud-based processing to security, governance, and emerging applications.

※詳細資料 (NC2578) をご請求下さい。

**真正のデータサイエンス：
責任あるデータ分析と意思決定の実践（テキスト）**

29. Yu, Bin/ Barter, Rebecca L.
**Veridical Data Science : The Practice of Responsible
Data Analysis and Decision Making.**
2024:10 526 p. (MIT Press) -US-
ISBN 9780262049191
USD 80.00

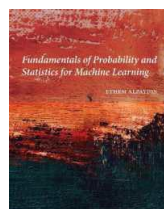
Web 販売価格 ¥15,312 / 標準価格 ¥19,096

Using real-world data case studies, this innovative and accessible textbook introduces an actionable framework for conducting trustworthy data science.

統計学・確率論

**機械学習のための
確率・統計の基礎（テキスト）**

30. Alpaydin, Ethem
**Fundamentals of Probability
and Statistics for Machine Learning.**
2025:12 544 p. (MIT Press) -US-
ISBN 9780262049818
USD 90.00

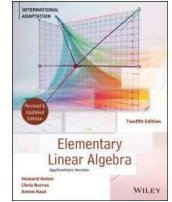


Web 販売価格 ¥17,226 / 標準価格 ¥21,483

In this innovative textbook, Ethem Alpaydin accessibly connects machine learning to its roots in probability and statistics, starting with the basics of random experiments and probabilities and eventually moving to complex topics such as artificial neural networks. With a practical emphasis and learn-by-doing approach, this unique text offers comprehensive coverage of the elements fundamental to an empirical understanding of machine learning in a data science context.

線形代数基礎（国際版テキスト・第12版）

31. Anton, Howard/ Kaul, Anton
**Elementary Linear Algebra,
International Adaptation.**
12TH 2025:09 816 p. (Wiley) -US-
ISBN 9781394378722 pap.
USD 80.00



Web 販売価格 ¥14,392 / 標準価格 ¥19,096

This book gives an elementary treatment of linear algebra that is suitable for a first course for undergraduate students. The classic treatment of linear algebra presents the fundamentals in the clearest possible way, examining basic ideas by means of computational examples and geometrical interpretation. It proceeds from familiar concepts to the unfamiliar, from the concrete to the abstract. Readers consistently praise this outstanding text for its expository style and clarity of presentation. Prev. ed.: 2014.

ネットワーク分析：確率と統計

32. Barbour, A. D./ Reinert, Gesine
**Networks : Probability and Statistics(Cambridge Series
in Statistical and Probabilistic Mathematics 57).**
2026:06 964 p. (Cambridge University Press) -GB-
ISBN 9781009651721
GBP 150.00

Web 販売価格 ¥38,610 / 標準価格 ¥48,180

From social networks to biological systems, networks are a fundamental part of modern life. Network analysis is increasingly popular across the mathematical, physical, life and social sciences, offering insights into a range of phenomena, from developing new drugs based on intracellular interactions, to understanding the influence of social interactions on behaviour patterns. This book provides a toolkit for analyzing random networks, together with theoretical justification of the methods proposed.

エルゴード理論：力学系への確率論アプローチ（テキスト）

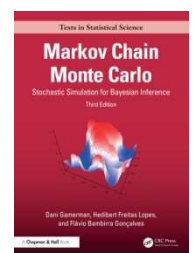
33. Blumenthal, Alex/ Young, Lai-Sang
**Ergodic Theory : A Probabilistic Approach to Dynamical
Systems (Texts in Applied Mathematics). Vol. 84**
2026:05 184 p. (Springer) -DE-
ISBN 9783032088352
EUR 59.99

Web 販売価格 ¥12,080 / 標準価格 ¥16,364

Ergodic theory provides a powerful lens for understanding dynamical systems, recasting disordered and seemingly random behavior in the language of probability theory. This book offers a concise, rigorous introduction to the subject, suitable both as a graduate-level textbook and as a reference for both pure and applied mathematicians.

**マルコフ連鎖モンテカルロ：
ベイズ推定のための確率予測
（テキスト・第3版）**

34. Gamerman, Dani/ Lopes, Hedibert F./
Bambirra Gonçalves, Flávio
**Markov Chain Monte Carlo :
Stochastic Simulation for
Bayesian Inference(Chapman & Hall/
CRC Texts in Statistical Science).**
3RD 2026:07 347 p. (Chapman & Hall/CRC) -GB-
ISBN 9781032998459



special p. 20%OFF (2027/2/10迄) GBP 137.59

Web 販売価格 ¥33,644 / 標準価格 ¥44,193
GBP 171.99

Web 販売価格 ¥42,056 / 標準価格 ¥55,243
ISBN 9781041004004 pap.
GBP 62.99

Web 販売価格 ¥15,402 / 標準価格 ¥20,232

Marking a pivotal moment in the evolution of Bayesian inference, the third edition of this seminal textbook on Markov Chain Monte Carlo (MCMC) methods reflects the profound transformations in both the field of Statistics and the broader landscape of data science over the past two decades. Building on the foundations laid by its first two editions, this updated volume addresses the challenges posed by modern datasets, which now span millions or even billions of observations and high-dimensional parameter spaces. Prev. ed.: 2006.

確率の基礎 (テキスト・第5版)

35. Ghahramani, Saeed
Fundamentals of Probability.

5TH 2024:05 674 p.
(Chapman & Hall/CRC) -GB-
ISBN 9781032366081

special p. 10%OFF (2027/3/26迄) GBP 117.00

Web 販売価格 ¥28,609 / 標準価格 ¥37,580
GBP 130.00

Web 販売価格 ¥31,788 / 標準価格 ¥41,756

This one- or two-term calculus-based basic probability text is written for majors in mathematics, physical sciences, engineering, statistics, actuarial science, business and finance, operations research, and computer science. 2096 examples and exercises have been included.

マルコフ過程のための双対性：リー代数的アプローチ

36. Giardinà, Cristian/ Redig, Frank
Duality for Markov Processes : A Lie Algebraic Approach
(Grundlehren der mathematischen Wissenschaften).

2026:01 503 p. (Springer) -DE-
ISBN 9783032040985

EUR 169.99

Web 販売価格 ¥34,233 / 標準価格 ¥46,372

This monograph studies duality in interacting particle systems, a topic combining probability theory, statistical physics, Lie algebras, and orthogonal polynomials. It offers the first comprehensive account of duality theory in the context of interacting particle systems.

経験ベイズ：その手法、原理、双対

37. Koenker, Roger/ Gu, Jiaying
Empirical Bayes : Some Tools, Rules, and Duals(Econometric Society Monographs Series Number 69).

2026:07 316 p.
(Cambridge University Press) -GB-
ISBN 9781009275361
GBP 105.00

Web 販売価格 ¥27,027 / 標準価格 ¥33,726

ISBN 9781009275330 pap.
GBP 42.00

Web 販売価格 ¥10,810 / 標準価格 ¥13,490

New in paperback. Hardcover was published in 2026. The book is an accessible guide to modern developments in empirical Bayes methods, with extensive illustrative applications. These methods are of increasing relevance in statistical analysis in a wide spectrum of fields.

統計科学国際百科事典 (第2版・全4巻)

38. Lovric, Miodrag (ed.)
International Encyclopedia of Statistical Science.

2ND 2025:05 4 vols. 2,917 p.
(Springer) -DE-
ISBN 9783662693582

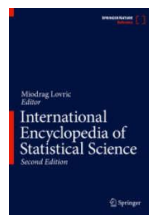
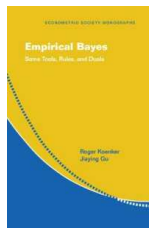
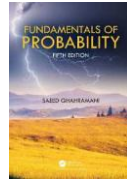
set EUR 1099.99

Web 販売価格 ¥221,524 / 標準価格 ¥300,076

グローバルに必要とされている統計学教育の国際的基準を打ち立てた画期的な参考文献 International Encyclopedia of Statistical Science (初版 ISBN 9783642048975) の 15 年ぶりの新版。110 か国から 700 人以上の著者が寄稿し、中にはノーベル賞受賞者や歴代の統計学会の会長も含まれる、錚々たる顔ぶれ。本書の初版は日本統計学会による邦訳『統計科学百科事典』全 5 巻 (丸善出版 2018 年) でも広く知られる。

※詳細資料 (NC2574) をご請求下さい。

The International Encyclopedia of Statistical Science stands as a monumental effort to enrich statistics education globally, particularly in regions facing educational challenges. By amalgamating the expertise of over 700 authors from 110 countries, including Nobel Laureates and presidents of statistical societies, it offers an unparalleled resource for readers worldwide. This encyclopedia is not just a collection of entries; it is a concerted effort to revive statistics as a vibrant, critical field of study and application. Providing a comprehensive and accessible account of statistical terms, methods, and applications, it enables readers to gain a quick insight into the subject, regardless of their background.



時系列分析・予測入門 (第3版)

39. Montgomery, Douglas C./ Kulahci, Murat/ Jennings, Cheryl L.

Introduction to Time Series Analysis and Forecasting
(Wiley Series in Probability and Statistics).

3RD 2024:07 704 p. (Wiley) -US-

ISBN 9781394186693

在庫価格 USD 156.95

Web 販売価格 ¥28,237 / 標準価格 ¥37,463

統計分析のコア分野である時系列分析・予測の代表的テキスト、9 年ぶりの新版。JMP・SAS・R ソフトウェアについてアップデートし、随所に新たな事例を盛り込む。300 以上の練習問題、50 のプログラミング・アルゴリズムで、理論と実践をバランスよく学べる。

This is an essential introduction to a core area of statistical analysis. Updates incorporate JMP, SAS, and R software, with new examples throughout. Over 300 exercises and 50 programming algorithms balance theory and practice.

マルコフ連鎖の理解 (テキスト・第3版)

40. Privault, Nicolas
Understanding Markov Chains : Examples and Applications
(Springer Undergraduate Mathematics Series).

3RD 2026:05 364 p. (Springer) -DE-

ISBN 9789819540563 soft

EUR 49.99

Web 販売価格 ¥10,067 / 標準価格 ¥13,636

This book provides an undergraduate-level introduction to discrete and continuous-time Markov chains and their applications, with a particular focus on the first step analysis technique and its applications to the computation of average hitting times and ruin probabilities. This revised and expanded version includes additional exercises and problems with complete solutions. Prev. ed.: 2018.

最新の統計的手法と理論：

非パラメトリック・高次元統計学入門

41. Samworth, Richard J./ Shah, Rajen D.

Modern Statistical Methods and Theory : An Introduction to Nonparametric and High-Dimensional Statistics
(Cambridge Series in Statistical and Probabilistic Mathematics Series Number 60).

2026:07 458 p. (Cambridge University Press) -GB-

ISBN 9781009160438

GBP 55.00

Web 販売価格 ¥14,157 / 標準価格 ¥17,666

Based on courses taught at the University of Cambridge, this text presents core contemporary statistical methods and theory in an accessible, self-contained and rigorous fashion, with a focus on finite-sample guarantees as opposed to asymptotic arguments. Many of the topics and results have not appeared in book form previously, and some constitute new research. The prerequisites are relatively light (primarily a good grasp of linear algebra and real analysis) and complete solutions to all 250+ exercises are available online.

時系列分析と応用 (テキスト・第5版)

42. Shumway, Robert H./ Stoffer, David S.
Time Series Analysis and Its Applications : With R Examples
(Springer Texts in Statistics).

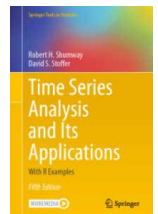
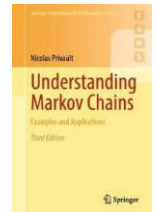
5TH 2025:01 560 p. (Springer) -DE-

ISBN 9783031705830

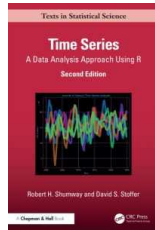
EUR 139.99

Web 販売価格 ¥28,191 / 標準価格 ¥38,188

This 5th edition of this popular graduate textbook presents a balanced and comprehensive treatment of both time and frequency domain methods with accompanying theory. It includes numerous examples using nontrivial data illustrate solutions to problems such as discovering natural and anthropogenic climate change, evaluating pain perception experiments using functional magnetic resonance imaging, and monitoring a nuclear test ban treaty. The R package 'astsa' has had major updates and the text will reflect those updates.



Rによる時系列データ解析 (テキスト・第2版)

43. Shumway, Robert H./
Stoffer, David S.**Time Series : A Data Analysis
Approach Using R
(Chapman & Hall/CRC Texts
in Statistical Science).**2ND 2026:02 278 p. (CRC Press) -GB-
ISBN 9781041031611
GBP 210.00

Web 販売価格 ¥51,351 / 標準価格 ¥67,452

ISBN 9781041031642 pap.
GBP 74.99

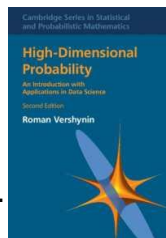
Web 販売価格 ¥18,337 / 標準価格 ¥24,086

The goals of this new, second edition of this book are to develop the skills and an appreciation for the richness and versatility of modern time series analysis as a tool for analyzing dependent data. An expanded feature of this edition is the inclusion of many nontrivial data sets illustrating the wealth of potential applications to problems in the biological, physical, and social sciences as well as in economics and medicine. Prev. ed.: 2019.

データサイエンスのための

高次元確率入門 (第2版)

44. Vershynin, Roman

**High-Dimensional Probability :
An Introduction with Applications in
Data Science (Cambridge Series in
Statistical and Probabilistic Mathematics).**2ND 2026:02 346 p.
(Cambridge University Press) -GB-
ISBN 9781009490641
GBP 65.00

Web 販売価格 ¥16,731 / 標準価格 ¥20,878

数学分野で2019年にPROSE賞を受賞したベストセラーテキストの新版。数学的なデータサイエンスに用いる主要な確率手法への理解しやすい入門書。

'High-Dimensional Probability,' winner of the 2019 PROSE Award in Mathematics, offers an accessible and friendly introduction to key probabilistic methods for mathematical data scientists. Streamlined and updated, this second edition integrates theory, core tools, and modern applications. Concentration inequalities are central, including classical results like Hoeffding's and Chernoff's inequalities, and modern ones like the matrix Bernstein inequality. The book also develops methods based on stochastic processes - Slepian's, Sudakov's, and Dudley's inequalities, generic chaining, and VC-based bounds.

時系列分析: Rによる入門 (第8版)

45. Xing, Haipeng/ Chatfield, Chris

**The Analysis of Time Series : An Introduction with
R(Chapman & Hall/CRC Texts in Statistical Science).**8TH 2026:08 402 p. (CRC Press) -GB-
ISBN 9781041085867**special p. 20%OFF (2027/2/10迄)** GBP 150.39

Web 販売価格 ¥36,774 / 標準価格 ¥48,304

GBP 187.99

Web 販売価格 ¥45,969 / 標準価格 ¥60,382

ISBN 9781041026334 pap.

special p. 10%OFF (2027/3/26迄) GBP 61.19

Web 販売価格 ¥14,962 / 標準価格 ¥19,653

GBP 67.99

Web 販売価格 ¥16,625 / 標準価格 ¥21,838

While classical statistical models such as autoregressive integrated moving average (ARIMA), state-space models, and spectral methods remain essential, the rise of artificial intelligence (AI) has introduced groundbreaking approaches to modelling, forecasting, and generating time-dependent data. This eighth edition of The Analysis of Time Series: An Introduction with R reflects these advancements with the addition of two new chapters: Predictive AI for Time Series and Generative AI for Time Series.

統計的推論・仮説検定・
統計モデル・因果推論

赤平昌文 (著) / 統計的推測の理論

46. Akahira, Masafumi

**Theory of Statistical Estimation : Contributions to Higher
Order Asymptotics and Non-Regular Cases.**

2026:01 500 p. (Springer) -DE-

ISBN 9789819553389

EUR 159.99

Web 販売価格 ¥32,219 / 標準価格 ¥43,644

This book is a reconstruction of Masafumi Akahira's works on statistical estimation and its related fields, especially higher order asymptotics and non-regular cases with consideration based on information amounts. There have been few books on higher order asymptotics and non-regular cases, but the book helps the reader to understand the meaning and implications of the hierarchical structure of higher order asymptotics and gives some insights into the structure of non-regular estimation.

ベイズ推論・基準推論・頻度推論ハンドブック

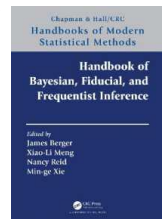
47. Berger, James (ed.) / Meng, Xiao-Li (ed.) /
Reid, Nancy (ed.) / Xie, Min-ge (ed.)**Handbook of Bayesian, Fiducial,
and Frequentist Inference
(Chapman & Hall/CRC Handbooks of
Modern Statistical Methods).**2024:02 406 p. (Chapman & Hall/CRC) -GB-
ISBN 9780367321987**special p. 10%OFF (2027/3/26迄)** GBP 154.79

Web 販売価格 ¥37,849 / 標準価格 ¥49,717

GBP 171.99

Web 販売価格 ¥42,056 / 標準価格 ¥55,243

This handbook provides a comprehensive introduction and broad overview of the key developments in the BFF schools of inference.



統計的推論 (テキスト・第2版)

48. Casella, George/ Berger, Roger

**Statistical Inference
(Chapman & Hall/CRC Texts
in Statistical Science).**

2ND 2024:05 535 p.

(Chapman & Hall/CRC) -GB-

ISBN 9781032593036

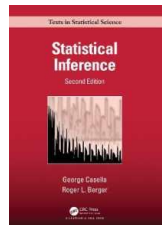
special p. 10%OFF (2027/3/26迄) GBP 75.59

Web 販売価格 ¥18,483 / 標準価格 ¥24,279

GBP 83.99

Web 販売価格 ¥20,537 / 標準価格 ¥26,977

Basics of probability to theory of statistical inference using techniques, definitions, concepts that are statistical, natural extensions, consequences, of previous concepts. Topics from a standard inference course: distributions, random variables, data reduction, point estimation, hypothesis testing, interval estimation, regression.



統計的最適輸送

49. Chewi, Sinho/ Niles-Weed, Jonathan/ Rigollet, Philippe

**Statistical Optimal Transport : École d'Été de
Probabilités de Saint-Flour XLIX - 2019
(Lecture Notes in Mathematics). Vol. 2364**

2025:04 270 p. (Springer) -DE-

ISBN 9783031851599 soft

EUR 69.99

Web 販売価格 ¥14,094 / 標準価格 ¥19,092

This monograph aims to offer a concise introduction to optimal transport, quickly transitioning to its applications in statistics and machine learning. It is primarily tailored for students and researchers in these fields, yet it remains accessible to a broader audience of applied mathematicians and computer scientists.

モデル指向実験計画 (第2版)

50. Fedorov, Valerii V./ Hackl, Peter
**Model-Oriented Design of Experiments
 (Lecture Notes in Statistics).**
 2ND 2025:01 156 p. (Springer) -DE-
 ISBN 9781071643013 soft
 EUR 99.99

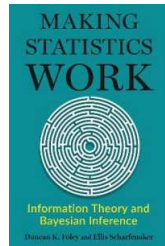


Web 販売価格 ¥20,136 / 標準価格 ¥27,276

This book presents the basic ideas of statistical methods in the design of optimal experiments. This new edition now includes sections on design techniques based on the elemental Fisher information matrices (as opposed to Pearson information/moment matrices), allowing a seamless extension of the design techniques to inferential problems where the shape of distributions is essential for optimal design construction.

**統計学を役に立たせる：
 情報理論とベイズ推定**

51. Foley, Duncan/ Scharfenaker, Ellis
**Making Statistics Work : Information
 Theory and Bayesian Inference.**
 2026:07 320 p.
 (Columbia University Press) -US-
 ISBN 9780231222037
 USD 140.00



Web 販売価格 ¥26,796 / 標準価格 ¥33,418

ISBN 9780231222044 pap.
 USD 35.00

Web 販売価格 ¥6,699 / 標準価格 ¥8,354

This book provides a consistent, powerful, and flexible framework for data inference based on rigorous logic derived from first principles, allowing for new approaches to many of the unresolved questions of statistics. Duncan K. Foley and Ellis Scharfenaker illustrate the application of this framework and the reasoning behind it across a variety of important statistical problems, such as the inference underlying “gold standard” clinical trials, models of human behavior employed in behavioral finance and psychology, analysis of macroeconomic policy, the relationship of classical probability to quantum physics, and the limitations of linear regression analysis.

ベイズ統計の実践方法

52. Gelman, Andrew/ Vehtari, Aki/ McElreath, Richard/
 Simpson, Daniel/ Margossian, Charles C.
Bayesian Workflow.
 2026:06 538 p. (Chapman & Hall/CRC) -GB-
 ISBN 9780367490188
 GBP 120.00

Web 販売価格 ¥29,343 / 標準価格 ¥38,544

ISBN 9780367490140 pap.

special p. 10%OFF (2027/3/26迄) GBP 40.49

Web 販売価格 ¥9,900 / 標準価格 ¥13,005

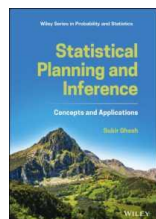
GBP 44.99

Web 販売価格 ¥11,001 / 標準価格 ¥14,450

Explores the intricate workflows of applied Bayesian statistics, aiming to uncover the tacit knowledge often overlooked in published papers and textbooks. By systematizing the process of Bayesian model development, the book seeks to improve applied analyses and inspire future innovations in theory, methods, and software.

統計的計画・推論

53. Ghosh, Subir
**Statistical Planning and Inference :
 Concepts and Applications.**
 2025:11 512 p.
 (Wiley) -US-
 ISBN 9781119962786
 在庫価格 USD 96.95



Web 販売価格 ¥17,442 / 標準価格 ¥23,141

This book introduces statistical planning and inference, presenting both classical theory and the major developments in the field. Each chapter presents problems and their solutions along with illustrative examples to introduce concepts and methods, and is supported by a supplementary website featuring guidance on how to implement methods using R.

スキャン統計ハンドブック

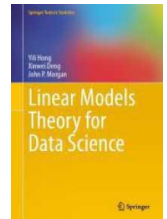
54. Glaz, Joseph (ed.)/ Koutras, Markos V. (ed.)
Handbook of Scan Statistics.
 2024:05 816 p. (Springer) -DE-
 ISBN 9781461480327
 EUR 649.99

Web 販売価格 ¥130,900 / 標準価格 ¥177,316

Scan statistics, one of the most active research areas in applied probability and statistics, has seen a tremendous growth during the last 25 years. 40 chapters present an overview of the theory, methods and computational techniques, related to research in the area of scan statistics and outline future developments.

**データサイエンスのための
 線形モデル理論 (テキスト)**

55. Hong, Yili/ Deng, Xinwei/
 Morgan, John P.
**Linear Models Theory for Data Science
 (Springer Texts in Statistics).**
 2027:01 488 p. (Springer) -DE-
 ISBN 9783032385185
 EUR 119.99

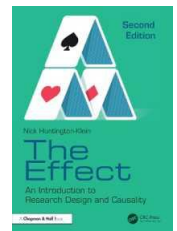


Web 販売価格 ¥24,163 / 標準価格 ¥32,732

This book provides a holistic view of linear models as the foundation for many statistical and machine learning methods. It covers the theory of the standard linear model, then explores extensions of that model and the use of linear predictors in a broad range of more computationally demanding modeling techniques. Optimization procedures that underlie this evolutionary tree of models are also covered, while highlighting the central role of the linear model in statistics, machine learning, and data science.

**実験設計と因果推論のための
 効果入門 (第2版)**

56. Huntington-Klein, Nick
**The Effect : An Introduction to Research
 Design and Causality.**
 2ND 2025:07 686 p.
 (Chapman & Hall/CRC) -GB-
 ISBN 9781032581941
 GBP 130.00



Web 販売価格 ¥31,788 / 標準価格 ¥41,756

ISBN 9781032580227 pap.

special p. 10%OFF (2027/3/26迄) GBP 37.79

Web 販売価格 ¥9,240 / 標準価格 ¥12,137

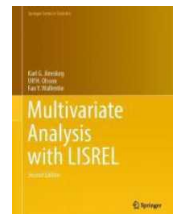
GBP 41.99

Web 販売価格 ¥10,267 / 標準価格 ¥13,487

This book is about research design, specifically concerning research that uses non-experimental data to figure out whether one thing causes another. It is separated into two halves, each with different approaches to that subject. The first half goes through the concepts of causality, with very little in the way of estimation. It introduces the concept of identification thoroughly and clearly and discusses it as a process of trying to isolate variation that has a causal interpretation. Subjects include heavy emphasis on data-generating processes and causal diagrams.

LISREL による多変量解析 (第2版)

57. Joereskog, Karl G./ Olsson, Ulf H./
 Wallentin, Fan Y.
**Multivariate Analysis with LISREL
 (Springer Series in Statistics).**
 2ND 2026:08 455 p. (Springer) -DE-
 ISBN 9783032243058
 EUR 159.99



Web 販売価格 ¥32,219 / 標準価格 ¥43,644

This second edition of a classic text offers an extensively revised and updated treatment of multivariate statistical analysis and its practical implementation using the LISREL program. In addition to core topics such as structural equation modeling, confirmatory and exploratory factor analyses, regression, principal component analysis, and longitudinal data analysis, it introduces two new chapters on models for twin data and simulation, and adds important new sections on time series analysis, mediation and moderation, interaction models, and multitrait-multimethod models.

グラフィカルモデル (第2版)

58. Lauritzen, Steffen L.

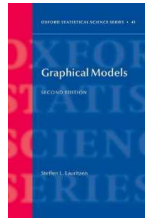
Graphical Models
(Oxford Statistical Science Series).

2ND 2026:06 512 p.

(Oxford University Press) -GB-

ISBN 9780198706182

GBP 127.00



Web 販売価格 ¥32,689 / 標準価格 ¥40,792

This new and extended edition of Graphical Models provides the basic mathematical and statistical theory of graphical models, incorporating the many advances that have been made in the field since the publication of the first edition in 1996. A new and important chapter is devoted to structure estimation because this has become a dominating part of modern developments. Causal interpretation of models based on directed acyclic graphs and chain graphs are also discussed.

尤度による統計モデリング・推定 (第2版)

59. Pawitan, Yudi

In All Likelihood : Statistical Modelling and Inference Using Likelihood
(Oxford Statistical Science Series).

2ND 2026:03 576 p.

(Oxford University Press) -GB-

ISBN 9780198950929

GBP 139.00



Web 販売価格 ¥35,778 / 標準価格 ¥44,646

ISBN 9780198950936 pap.

GBP 45.00

Web 販売価格 ¥11,583 / 標準価格 ¥14,454

In All Likelihood introduces the concept of likelihood as a powerful and unifying framework for statistical analysis. Most chapters have been heavily revised, particularly those related to (i) the general ideas of extended likelihood and epistemic confidence and (ii) hierarchical generalized linear models (HGLM).

Rによる探索的データ解析 (テキスト・第2版)

60. Pearson, Ronald K.

Exploratory Data Analysis Using R (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series).

2ND 2026:06 592 p. (Chapman & Hall/CRC) -GB-

ISBN 9781032814810

GBP 103.99

Web 販売価格 ¥25,427 / 標準価格 ¥33,401

ISBN 9781032814803 pap.

GBP 54.99

Web 販売価格 ¥13,446 / 標準価格 ¥17,662

Exploratory Data Analysis Using R provides a classroom-tested introduction to exploratory data analysis (EDA), and this revised edition is accompanied by the R package ExploreTheData that implements many of the approaches described. The focus is the use of R to explore and explain datasets and the analysis results derived from them.

臨床試験の統計学的手法 (第4版)

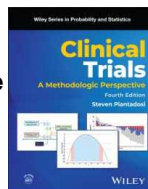
61. Piantadosi, Steven

Clinical Trials : A Methodologic Perspective
(Wiley Series in Probability and Statistics).

4TH 2024:05 832 p. (Wiley) -US-

ISBN 9781394195664

在庫価格 USD 185.95



Web 販売価格 ¥33,454 / 標準価格 ¥44,386

臨床試験、治験の量的な手法を解説するテキスト。様々なタイプの臨床試験の設計や実験計画の原則についての討議、研究コホートの収集、データ評価や結果の報告について詳述する。

The Fourth Edition of Clinical Trials builds on the text's reputation as a straightforward, detailed, and authoritative presentation of quantitative methods for clinical trials, discussing principles of design for various types of clinical trials and elements of planning the experiment, assembling a study cohort, assessing data, and reporting results. Prev. ed.: 2017.

Rによるベイズ回帰と因果推論 (テキスト)

62. Ponnoprat, Donlapark

Bayesian Regression and Causal Inference : With Examples in R.

2026:10 451 p. (Springer) -DE-

ISBN 9783032192226

EUR 109.99

Web 販売価格 ¥22,149 / 標準価格 ¥30,004

This textbook provides a practical guide to the Bayesian framework for data modeling and causal inference, focusing on model interpretation, diagnostics, and uncertainty quantification. Central to the book is a "learning-by-doing" approach, using concrete examples in R with real-world datasets spanning diverse fields, including education, psychology, medicine, behavioral science, and environmental science.

ベイズ統計学的手法 (テキスト・第2版)

63. Reich, Brian J./ Ghosh, Sujit K.

Bayesian Statistical Methods : With Applications to Machine Learning
(Chapman & Hall/CRC Texts in Statistical Science).

2ND 2026:02 348 p.

(Chapman & Hall/CRC) -GB-

ISBN 9781032486321

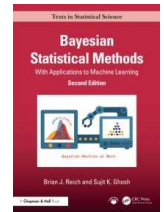
special p. 10%OFF (2027/3/26迄) GBP 93.59

Web 販売価格 ¥22,885 / 標準価格 ¥30,060

GBP 103.99

Web 販売価格 ¥25,427 / 標準価格 ¥33,401

This book provides data scientists with the foundational and computational tools needed to carry out a Bayesian analysis. Compared to others, it is more focused on Bayesian methods applied routinely in practice including multiple linear regression, mixed effects models and generalized linear models. Prev. ed.: 2019.



ベイズ統計とマーケティング (第2版)

64. Rossi, Peter E./ Allenby, Greg M./

Misra, Sanjog

Bayesian Statistics and Marketing
(Wiley Series in Probability and Statistics).

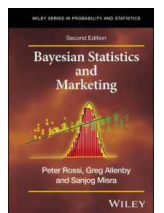
2ND 2024:08 448 p. (Wiley) -US-

ISBN 9781394219117

USD 119.95

Web 販売価格 ¥21,580 / 標準価格 ¥28,631

Bayesian Statistics and Marketing illustrates the potential for applying a Bayesian approach to some of the most challenging and important problems in marketing. Analyzing household and consumer data, predicting product performance, and custom-targeting campaigns are only a few of the areas in which Bayesian approaches promise revolutionary results. This book provides a comprehensive, accessible overview of this subject essential for any statistically informed marketing researcher or practitioner.



一般線形混合モデル：最新概念・応用・方法 (第2版)

65. Stroup, Walter W./ Ptukhina, Marina/ Garai, Julie

Generalized Linear Mixed Models : Modern Concepts, Methods and Applications (Chapman & Hall/CRC Texts in Statistical Science).

2ND 2024:05 648 p. (Chapman & Hall/CRC) -GB-

ISBN 9781498755566

special p. 10%OFF (2027/3/26迄) GBP 93.59

Web 販売価格 ¥24,090 / 標準価格 ¥30,060

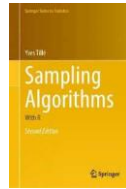
GBP 103.99

Web 販売価格 ¥26,766 / 標準価格 ¥33,401

This second edition is updated to reflect lessons learned and experience gained regarding best practices and modeling choices faced by GLMM practitioners. New to this edition are two chapters focusing on Bayesian methods for GLMMs.

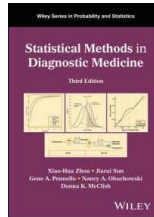
Rを用いたサンプリングアルゴリズム (第2版)

66. Tillé, Yves

Sampling Algorithms : with R (Springer Series in Statistics).2ND 2027:02 415 p.(Springer) -DE-
ISBN 9781071655740
EUR 139.99

Web 販売価格 ¥28,191 / 標準価格 ¥38,188

This book provides a comprehensive overview of innovative sampling methods. Building on the foundations of general sampling theory, it offers a rigorous yet accessible framework for understanding and implementing modern sampling algorithms. Sampling has undergone a profound transformation since the early 2000s. This new edition has been substantially expanded and offers a far more comprehensive treatment than the first, providing both broader scope and greater depth in modern sampling methodology.

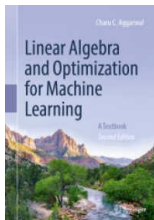
診断医療の統計手法 (第3版)67. Zhou, Xiao-Hua/ Sun, Jiarui/
Pennello, Gene A./ Obuchowski,
Nancy A./ McClish, Donna K.**Statistical Methods in Diagnostic Medicine (Wiley Series in Probability and Statistics).**3RD 2026:05 576 p.
(John Wiley & Sons) -US-
ISBN 97811394220212
USD 150.00

Web 販売価格 ¥26,987 / 標準価格 ¥35,805

This book provides practitioners and researchers with the statistical foundation necessary to design, analyze, and validate diagnostic studies that can withstand regulatory scrutiny and clinical demands. This edition has been thoroughly revised to incorporate the latest advances in diagnostic test methodology, featuring significant expansions in biomarker evaluation and benefit-risk assessment. Prev. ed.: 2011.

機械学習・深層学習**機械学習のための線形代数と最適化 (テキスト・第2版)**

68. Aggarwal, Charu C.

Linear Algebra and Optimization for Machine Learning : A Textbook.2ND 2025:10 650 p. (Springer) -DE-
ISBN 9783031986185
在庫価格 EUR 54.99

Web 販売価格 ¥11,073 / 標準価格 ¥15,000

This textbook is the second edition of the linear algebra and optimization book that was published in 2020. The exposition in this edition is greatly simplified as compared to the first edition. The second edition is enhanced with a large number of solved examples and exercises. A frequent challenge faced by beginners in machine learning is the extensive background required in linear algebra and optimization. Prev. ed.: 2020.

マルチエージェント強化学習 (テキスト)

69. Albrecht, Stefano V./ Christianos, Filippas

Multi-Agent Reinforcement Learning : Foundations and Modern Approaches.2024:12 394 p. (MIT Press) -US-
ISBN 9780262049375
USD 70.00

Web 販売価格 ¥13,398 / 標準価格 ¥16,709

The first comprehensive introduction to Multi-Agent Reinforcement Learning (MARL), covering MARL's models, solution concepts, algorithmic ideas, technical challenges, and modern approaches.

第一原理からの学習理論 (テキスト)

70. Bach, Francis

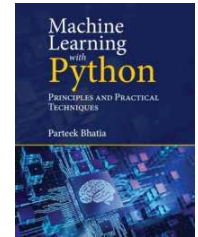
Learning Theory from First Principles.2024:12 478 p. (MIT Press) -US-
ISBN 9780262049443
USD 80.00

Web 販売価格 ¥15,312 / 標準価格 ¥19,096

Research has exploded in the field of machine learning resulting in complex mathematical arguments that are hard to grasp for newcomers. In this accessible textbook, Francis Bach presents the foundations and latest advances of learning theory for graduate students as well as researchers who want to acquire a basic mathematical understanding of the most widely used machine learning architectures.

Pythonによる機械学習 :**原理と実践のテクニック (テキスト)**

71. Bhatia, Pariteek

Machine Learning with Python :**Principles and Practical Techniques.**2026:03 850 p.
(Cambridge University Press) -GB-
ISBN 9781009170246 pap.
GBP 39.99

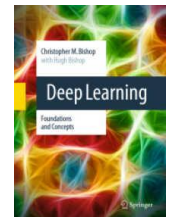
Web 販売価格 ¥10,292 / 標準価格 ¥12,844

This textbook presents the theoretical foundations of machine learning along with its practical implementation in Python, to help a beginner learn and implement all aspects of the subject.

深層学習 : 基礎と概念 (テキスト)

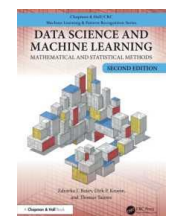
72. Bishop, Christopher M./

Bishop, Hugh

Deep Learning : Foundations and Concepts.2023:11 649 p. (Springer) -DE-
ISBN 9783031454677
在庫価格 EUR 79.99

Web 販売価格 ¥16,108 / 標準価格 ¥21,820

The book is organized into numerous bite-sized chapters, each exploring a distinct topic, and the narrative follows a linear progression, with each chapter building upon content from its predecessors. This structure is well-suited to teaching a two-semester undergraduate or postgraduate machine learning course, while remaining equally relevant to those engaged in active research or in self-study.

データサイエンスと機械学習 (テキスト・第2版)73. Botev, Zdravko/ Kroese, Dirk P./
Taimre, Thomas**Data Science and Machine Learning : Mathematical and Statistical Methods****(Chapman & Hall/CRC****Machine Learning & Pattern Recognition).**2ND 2025:11 730 p.
(Chapman & Hall/CRC) -GB-
ISBN 9781032488684**special p. 10%OFF (2027/3/26迄)** GBP 75.59Web 販売価格 ¥18,483 / 標準価格 ¥24,279
GBP 83.99

Web 販売価格 ¥20,537 / 標準価格 ¥26,977

The purpose of Data Science and Machine Learning: Mathematical and Statistical Methods is to provide an accessible, yet comprehensive textbook intended for students interested in gaining a better understanding of the mathematics and statistics that underpin the rich variety of ideas and machine learning algorithms in data science. Prev. ed.: 2019.

最新機械学習とパターン認識 (テキスト)

74. Bouchaffra, Djamel

Modern Machine Learning and Pattern Recognition.2026:10 767 p. (Springer) -DE-
ISBN 9783032249531
EUR 64.99

Web 販売価格 ¥13,087 / 標準価格 ¥17,728

This book presents a rigorous, comprehensive exploration from classical learning paradigms to the latest deep architectures and large language models. Integrating supervised, unsupervised, self-supervised, and reinforcement learning with modern neural network design, the book offers a unified view of machine learning and pattern recognition grounded in statistical learning theory and optimization.

深層学習の理論的基礎

75. Buelte, Christopher (ed.)/ Burger, Martin (ed.)/ Hein, Matthias (ed.)

Theoretical Foundations of Deep Learning.

2026:07 752 p. (Springer) -DE-
ISBN 9783032199188
EUR 179.99

Web 販売価格 ¥36,247 / 標準価格 ¥49,100

This book offers a comprehensive exploration of the theoretical foundations of deep learning, bridging the gap between its ever increasing empirical success and rigorous mathematical understanding. With a focus on interdisciplinary approaches, it illuminates the interplay between mathematics, statistics, and computer science to address pressing challenges in deep learning research.

線形代数・データサイエンス・機械学習 (テキスト)

76. Calder, Jeff/ Olver, Peter J.

Linear Algebra, Data Science, and Machine Learning (Springer Undergraduate Texts in Mathematics and Technology).

2025:09 629 p. (Springer) -DE-
ISBN 97830321937637
EUR 69.99

Web 販売価格 ¥14,094 / 標準価格 ¥19,092

This text provides a mathematically rigorous introduction to modern methods of machine learning and data analysis at the advanced undergraduate/beginning graduate level. The book is self-contained and requires minimal mathematical prerequisites.

深層学習の基礎 (テキスト)

77. Ghogh, Benyamin/ Ghodsi, Ali

Elements of Deep Learning.

2026:03 461 p. (Springer) -DE-
ISBN 9783032107374
EUR 109.99

Web 販売価格 ¥22,149 / 標準価格 ¥30,004

This textbook offers a comprehensive introduction to deep learning and neural networks, integrating core foundations with the latest advances. It begins with essential machine learning concepts and classic neural network architectures before progressing through convolutional models, backpropagation, regularization, generalization theory, PAC learning, and Boltzmann machines.

情報検索と深層学習

78. Guo, Jiafeng/ Lan, Yanyan/ Cheng, Xueqi

Information Retrieval and Deep Learning.

2026:07 194 p. (Springer) -DE-
ISBN 9789819553228
EUR 179.99

Web 販売価格 ¥36,247 / 標準価格 ¥49,100

This book merges the frontiers of artificial intelligence and information retrieval. It navigates the intersection of deep learning technology and information retrieval, offering a structured exploration across various chapters. From foundational concepts to advanced neural network architectures, readers are guided through a journey elucidating the symbiotic relationship between deep learning and information retrieval.

深層学習による継続時系列モデリングの最新トレンド

79. Habiba, Mansura/ Pearlmutter, Barak/ Maleki, Mehrdad

Recent Trends in Modelling the Continuous Time Series using Deep Learning.

2026:05 270 p. (Springer) -DE-
ISBN 9783032180216
EUR 159.99

Web 販売価格 ¥32,219 / 標準価格 ¥43,644

This book presents the first unified, practical framework for continuous-time series analysis using state-of-the-art neural architectures. Moving beyond traditional discrete-time methods, it directly addresses real-world challenges such as irregular sampling, asynchronous observations, and hidden system dynamics through Neural ODEs, SDEs, and CDEs.



強化学習のしくみ：実践的問題解決アプローチ

80. Hellgren, Jonas/ Lindgren, Johannes

Reinforcement Learning Explained : A Practical Problem-Solving Approach.

2026:06 272 p. (CRC Press) -GB-
ISBN 9781041062264
GBP 145.99

Web 販売価格 ¥35,698 / 標準価格 ¥46,891

ISBN 9781032996653 pap.
GBP 46.99

Web 販売価格 ¥11,489 / 標準価格 ¥15,093

Reinforcement Learning (RL) is a branch of Artificial Intelligence (AI) that teaches agents to learn optimal behavior through interaction, feedback, and long-term goals.

深層学習のための最適化技術

81. Hemmati, Atefeh/ Rahmani, Amir Masoud/ Bazikar, Fatemeh

Optimization Techniques for Deep Learning : Improving Performance and Efficiency(Springer Optimization and Its Applications 238). Vol. 238

2026:05 198 p. (Springer) -DE-
ISBN 9783032207029
EUR 149.99

Web 販売価格 ¥30,206 / 標準価格 ¥40,916

This book offers a comprehensive guide to optimization techniques in deep learning, a transformative branch of artificial intelligence that has revolutionized fields from computer vision to healthcare. By bridging the gap between theoretical concepts and practical applications, it equips readers with the tools needed to harness the full potential of deep neural networks.

Python による統計的学習入門 (テキスト)

82. James, Gareth/ Witten, Daniela/ Hastie, Trevor

An Introduction to Statistical Learning : with Applications in Python (Springer Texts in Statistics).

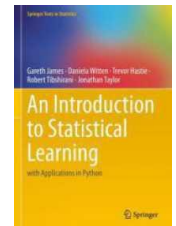
2024:07 607 p. (Springer) -DE-
ISBN 9783031391897 soft
EUR 79.99

Web 販売価格 ¥16,108 / 標準価格 ¥21,820

『統計的学習の基礎』の Trevor Hastie ら統計的学習の最強の著者チームによる世界的ベストセラー・テキストの既刊R版に続く、近年さらに人気のある Python 版として大注目！各章に Python 環境の科学的コンピューティングによる分析と手法の実装をガイドするチュートリアルを含む。

New in softcover. Hardcover was published in 2023. Four of the authors co-wrote An Introduction to Statistical Learning, With Applications in R (ISLR), which has become a mainstay of undergraduate and graduate classrooms worldwide, as well as an important reference book for data scientists. One of the keys to its success was that each chapter contains a tutorial on implementing the analyses and methods presented in the R scientific computing environment. However, in recent years Python has become a popular language for data science, and there has been increasing demand for a Python-based alternative to ISLR.

※詳細資料(NC2551)をご請求下さい。



機械学習アルゴリズム入門：

基本原則と数学 (テキスト)

83. Khanna, Vinod Kumar
Introduction to Machine Learning Algorithms : Basic Principles and Mathematics.

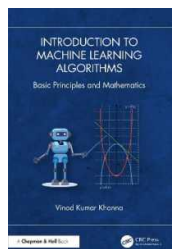
2026:04 400 p.
(Chapman & Hall/CRC) -GB-
ISBN 9781032725918

special p. 0%OFF (2026/12/18 迄) GBP 137.59

Web 販売価格 ¥33,644 / 標準価格 ¥44,193
GBP 171.99

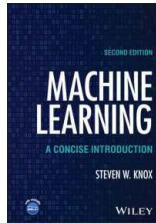
Web 販売価格 ¥42,056 / 標準価格 ¥55,243

Mathematics is the foundation of machine learning algorithms. To understand the shortcomings of existing algorithms and develop more effective methods, it is essential to understand the mathematical concepts underlying these algorithms and their operational principles.



機械学習：コンサイス入門（第2版）

84. Knox, Steven W.
**Machine Learning :
 A Concise Introduction.**
 2ND 2026:01 432 p.
 (John Wiley & Sons) -US-
 ISBN 9781394325252
 在庫価格 USD 109.95



Web 販売価格 ¥19,781 / 標準価格 ¥26,244

機械学習のコア概念を解説した、優れた学術書に贈られる PROSE 賞最終候補に残ったテキストの新版。分野の最新の発展を反映し、Python と R のコードを並列して掲載。バイアスと分散のトレードオフ、アンサンブル手法の設計に対する影響など、技術の裏側にある設計原理を強調し、読者が応用的な課題を効率よく、効果的に解決できるようにする。
 New edition of a PROSE award finalist title on core concepts for machine learning, updated with the latest developments in the field, now with Python and R source code side-by-side.

深層学習：原理と実装

85. Kuang, Weidong
Deep Learning: Principles and Implementations.
 2026:04 400 p. (Wiley) -US-
 ISBN 9781394256006
 USD 93.95

Web 販売価格 ¥16,902 / 標準価格 ¥22,425

This book delivers an up-to-date exploration of how major deep learning algorithms and architectures are formalized and developed from mathematical equations. The book bridges theory and practice and covers a wide range of fundamental topics, including linear regression, logistic regression, basic neural networks, convolution neural networks, as well as other basic and advanced subjects in the field.

機械学習における公平性：
理論から規制まで

86. Laclau, Charlotte/ Gourru, Antoine/
 Maxwell, Winston
**Fairness in Machine Learning :
 From Theory to Regulation
 (SpringerBriefs in Intelligent Systems).**
 2027:02 154 p. (Springer) -DE-
 ISBN 9783032337504 soft
 EUR 49.99



Web 販売価格 ¥10,067 / 標準価格 ¥13,636

Research on fairness remains fragmented across disciplines, including social sciences, law, and machine learning, and many existing books either focus on theoretical aspects or provide applied ML techniques without addressing fairness-related pitfalls. This book fills that gap, offering a structured and balanced examination of fairness in ML that covers conceptual definitions, fairness-aware algorithms, trade-offs, open challenges, and the regulatory landscape, with clarity on how fairness is measured and the tensions between different fairness criteria.

深層学習の数理工学

87. Lique, Benoit/ Moka, Sarat/ Nazarathy, Yoni
**Mathematical Engineering of Deep Learning
 (Chapman & Hall/CRC Data Science Series).**
 2024:10 402 p. (Chapman & Hall/CRC) -GB-
 ISBN 9781032288291
 GBP 171.99

Web 販売価格 ¥42,056 / 標準価格 ¥55,243
 ISBN 9781032288284 pap.
 GBP 70.99

Web 販売価格 ¥17,359 / 標準価格 ¥22,801

数学の言語を用いて、深層学習の完全で簡潔な概観を示す本書。機械学習と最適化アルゴリズムの充実した背景知識を提供し、深層学習のキーマインディアを通して進む。数学的な記法に慣れた読者にとっての理想的な一冊。This book provides a complete and concise overview of deep learning using the language of mathematics. The book provides a self-contained background on machine learning and optimization algorithms and progresses through the key ideas of deep learning.

基盤モデルガバナンスのための機械アンラーニング

88. Liu, Sijia (ed.)/ Liu, Yang (ed.)/ Baracaldo, Nathalie (ed.)
**Machine Unlearning for Governance of Foundation
 Models (Synthesis Lectures on Computer Vision).**
 2026:03 140 p. (Springer) -DE-
 ISBN 9783032172815
 EUR 39.99

Web 販売価格 ¥8,053 / 標準価格 ¥10,908

This book provides a systematic and in-depth introduction to machine unlearning (MU) for foundation models, framed through an optimization - model - data tri-design perspective and complemented by assessments and applications. As foundation models are continuously adapted and reused, the ability to selectively remove unwanted data, knowledge, or model behavior, without full retraining, poses new theoretical and practical challenges.

強化学習の基礎

89. Mannor, Shie/ Mansour, Yishay/ Tamar, Aviv
Reinforcement Learning Foundations.
 2026:08 254 p. (Cambridge University Press) -GB-
 ISBN 9781009711104
 GBP 50.00

Web 販売価格 ¥12,870 / 標準価格 ¥16,060

Bridging the gap between introductory texts and the specialized research literature, this is one of the first truly rigorous yet accessible treatments of modern reinforcement learning. Written by three leading researchers with over a decade of teaching experience, the book uniquely combines mathematical precision with practical insights. It progresses naturally from planning (dynamic programming, MDPs, value and policy iteration) to learning (model-based and model-free algorithms, function approximation, policy gradients, and regret minimization).

エンジニアのための機械学習（テキスト）

90. Neuer, Marcus
**Machine Learning for Engineers : Introduction to
 Physics-Informed, Explainable Learning Methods for AI
 in Engineering Applications.**
 2025:10 277 p. (Springer) -DE-
 ISBN 9783662699942 soft
 EUR 49.99

Web 販売価格 ¥10,067 / 標準価格 ¥13,636

This textbook explains learning methods based on analytical concepts in conjunction with complete programming examples in Python, always referring to real technical application scenarios.

機械学習の実世界応用

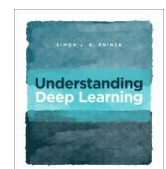
91. Pant, Millie (ed.)/ Deep, Kusum (ed.)/
 Nagar, Atulya K. (ed.)
**Real-World Applications of Machine Learning
 (Mathematics for Sustainable Developments).**
 2026:05 468 p. (Springer) -DE-
 ISBN 9789819571338
 EUR 179.99

Web 販売価格 ¥36,247 / 標準価格 ¥49,100

This book offers a comprehensive collection of 35 research contributions that explore the diverse and growing impact of machine learning across various domains. By aligning its themes with Sustainable Development Goals (SDG9: Industry, Innovation and Infrastructure), the book examines the practical applications ranging from healthcare, agriculture, cybersecurity and renewable energy systems to natural language processing, education and defense technologies. Each contribution highlights contemporary challenges, innovative methodologies and real-world implementations, offering insights into the interdisciplinary nature of machine learning research.

深層学習を理解する（テキスト）

92. Prince, Simon J.D.
Understanding Deep Learning.
 2023:12 544 p. (MIT Press) -US-
 ISBN 9780262048644
 USD 100.00



Web 販売価格 ¥19,140 / 標準価格 ¥23,870

めまぐるしく進化する深層学習の世界の重要トピックを網羅し、最前線と先端的手法を学べる、最新にして充実した MIT Press の権威あるテキスト。極

度に専門的な詳細に分け入りが必要な類書と異なり、必修の最重要アイデアを凝縮し直感的に消化できるように配慮された、自習にも適したテキスト。Many deep learning texts are crowded with technical details that obscure fundamentals, but Simon Prince ruthlessly curates only the most important ideas to provide a high density of critical information in an intuitive and digestible form. From machine learning basics to advanced models, each concept is presented in lay terms and then detailed precisely in mathematical form and illustrated visually. The result is a lucid, self-contained textbook suitable for anyone with a basic background in applied mathematics.

工学応用のための科学的機械学習

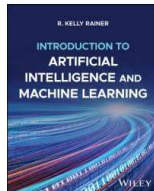
93. Rabczuk, Timon/ Anitescu, Cosmin/ Goswami, Somdatta Scientific Machine Learning with Engineering Applications(Studies in Systems, Decision and Control 667). Vol. 667
2026:05 232 p. (Springer) -DE-
ISBN 9783032203069
EUR 119.99

Web 販売価格 ¥24,163 / 標準価格 ¥32,732

This book equips readers with a rigorous and practical framework for solving complex engineering problems directly from governing equations using modern machine learning techniques. It bridges established principles from mechanics, numerical analysis, and scientific computing with emerging physics-based learning approaches, enabling reliable modeling, simulation, optimization, and inverse analysis beyond purely data-driven methods.

人工知能・機械学習入門

94. Rainer, R Kelly/ Locke, James Introduction to Artificial Intelligence and Machine Learning.
2025:12 320 p. (Wiley) -US-
ISBN 9781394344710 pap.
在庫価格 USD 133.95



Web 販売価格 ¥24,098 / 標準価格 ¥31,973

With an engaging and accessible approach, this textbook helps students unlock the power of AI and Machine Learning to achieve business success and future-proof their careers. It includes access to an interactive, multimedia e-text. Icons throughout the print book signal corresponding digital content in the e-text.

連合学習の基礎 (テキスト)

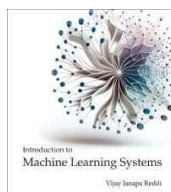
95. Ray, Partha Pratim Foundations of Federated Learning (Springer Series in the Data Sciences).
2026:12 780 p. (Springer) -DE-
ISBN 9783032340832
EUR 74.99

Web 販売価格 ¥15,101 / 標準価格 ¥20,456

This book provides a rigorous yet accessible introduction to federated learning as a privacy-aware, decentralized, and trustworthy approach to artificial intelligence. As data becomes increasingly distributed across devices, organizations, institutions, and jurisdictions, conventional centralized machine learning faces growing challenges related to privacy, regulation, communication costs, data ownership, and trust.

機械学習システム入門

96. Reddi, Vijay Janapa Introduction to Machine Learning Systems.
2026:12 976 p. (MIT Press) -US-
ISBN 9780262058889
USD 135.00



Web 販売価格 ¥25,839 / 標準価格 ¥32,224

Machine learning has crossed from research into engineering practice, yet the field lacks a comprehensive treatment of principles, vocabulary, and quantitative reasoning tools. Filling that gap, this innovative textbook treats machine learning systems not as a collection of tools and frameworks, but as an engineering discipline governed by physical constraints. Organized in four parts-Foundations, Build, Optimize, and Deploy-the book covers the complete ML systems lifecycle: data engineering, neural network computation and architectures, framework internals, training infrastructure, data selection, model compression, hardware acceleration, benchmarking, serving systems, ML operations, and

responsible engineering including fairness, privacy, security, and sustainability.

ロバスト機械学習の基礎 :

データサイエンスにおける外れ値やアノマリーを扱う

97. Saleh, Resve A./ Majzoub, Sohaib/ Saleh, A. K. Md. Ehsanes

Fundamentals of Robust Machine Learning : Handling Outliers and Anomalies in Data Science.

2025:05 416 p. (Wiley) -US-
ISBN 9781394294374
USD 112.95

Web 販売価格 ¥20,321 / 標準価格 ¥26,961

This book offers a thorough but accessible overview of this subject by focusing on how to properly handle outliers and anomalies in datasets. There are two main approaches described in the book: using outlier-tolerant machine learning (ML) tools, or removing outliers before using conventional tools. Balancing theoretical foundations with practical Python code, it provides all the necessary skills to enhance the accuracy, stability and reliability of ML models.

佐藤竜馬『深層ニューラルネットワークの高速化』(英訳)

98. Sato, Ryoma

Accelerating Deep Neural Networks.

2026:06 310 p. (Cambridge University Press) -GB-
ISBN 9781009687089
GBP 39.00

Web 販売価格 ¥10,038 / 標準価格 ¥12,526

原書: 2024 年・技術評論社

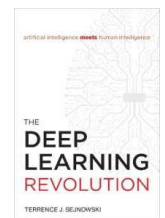
This book is a practical guide to accelerating and compressing neural networks using proven techniques such as quantization, pruning, distillation, and fast architectures. Written for engineers, researchers, and advanced students, the book combines clear theoretical insights with hands-on PyTorch implementations and numerical results.

T. J. セイノフスキー

『ディープラーニング革命』(原書)

99. Sejnowski, Terrence J. The Deep Learning Revolution.

2026:02 352 p.
(MIT Press) -US-
ISBN 9780262544993 pap.
USD 27.95



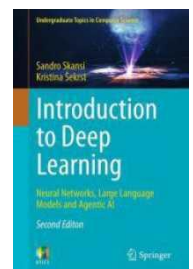
Web 販売価格 ¥5,349 / 標準価格 ¥6,671

邦訳: ニュートンプレス・2019 年

New in paperback. Hardcover was published in 2018. Shows how deep learning - from Google Translate to driverless cars to personal cognitive assistants - is changing our lives and transforming every sector of the economy.

深層学習入門 (テキスト・第2版)

100. Skansi, Sandro/ Sekrst, Kristina Introduction to Deep Learning : Neural Networks, Large Language Models and Agentic AI (Undergraduate Topics in Computer Science).
2ND 2026:12 268 p. (Springer) -DE-
ISBN 9783032254597 soft
EUR 49.99



Web 販売価格 ¥10,067 / 標準価格 ¥13,636

The second edition keeps everything from the first, including convolutional networks, LSTMs, Word2vec, RBMs, DBNs, neural Turing machines, memory networks, and autoencoders. It then covers the systems that have reshaped the field since: generative adversarial networks, the transformer architecture and its attention mechanism, the full training pipeline behind modern large language models (LLMs), prompt engineering with real-life guardrail scenarios, parameter-efficient fine-tuning with LoRA, retrieval-augmented generation with vector databases, knowledge graphs, and agentic AI systems illustrated through an industrial case study.

応用機械学習の最新トレンド

101. Tomasiello, Stefania (ed.) / El Shawi, Radwa (ed.) / Polap, Dawid (ed.) / Sharma, Rajesh (ed.)

Recent Trends in Applied Machine Learning (Big and Integrated Artificial Intelligence 4).

2026:12 216 p. (Springer) -DE-
ISBN 9783032366276
EUR 159.99

Web 販売価格 ¥32,219 / 標準価格 ¥43,644

This book wants to be a valuable tool for researchers and practitioners working on machine learning to gather ideas about applications, as scientific literature does not offer mostly. It provides the readers with a comprehensive insight to understand an in-depth big picture of the most recent techniques applied to real-world problems. Different application areas, such as agriculture, industry, health, social sciences, and security, have been considered. It is suitable for senior undergraduate students, graduate students who are interested in research in multidisciplinary areas, and the researchers working in the related areas.

深層学習のための

トランスフォーマーにおける発展的トピック

102. Yadla, Prasanth

Advanced Concepts in Transformers for Deep Learning.

2027:02 372 p. (Springer) -DE-
ISBN 9783032292797
EUR 109.99

Web 販売価格 ¥22,149 / 標準価格 ¥30,004

This book goes beyond explaining what transformer architectures do to reveal why they work and how to extend them for modern applications in large language models (LLMs), generative AI, and deep learning. It is written for researchers and machine learning engineers who have outgrown introductory treatments and need rigorous mathematical and implementation-level understanding of advanced AI.

先進機械学習のための組み合わせ最適化

103. Yang, Tianbao

Compositional Optimization for Advanced Machine Learning (Springer Optimization and Its Applications 245).

2027:01 434 p. (Springer) -DE-
ISBN 9783032343574
EUR 169.99

Web 販売価格 ¥34,233 / 標準価格 ¥46,372

This book offers a comprehensive exploration of compositional optimization, a cutting-edge paradigm reshaping the landscape of machine learning (ML) and artificial intelligence (AI). As AI systems grow increasingly complex, traditional optimization methods fall short, necessitating innovative approaches to tackle intricate problems. This book bridges this gap, providing a systematic treatment of compositional optimization and its applications in modern AI.

Rにおける例題を用いた深層学習支援統計法

104. Zhan, Tianyu

Deep-Learning-Assisted Statistical Methods with Examples in R (Chapman & Hall/CRC Data Science Series).

2026:03 156 p. (CRC Press) -GB-
ISBN 9781041158455
GBP 171.99

Web 販売価格 ¥42,056 / 標準価格 ¥55,243

ISBN 9781041158431 pap.
GBP 54.99

Web 販売価格 ¥13,446 / 標準価格 ¥17,662

This book explores how deep learning enhances statistical methods for hypothesis testing, point estimation, optimization, interpretation, and other aspects. This book is a valuable resource for students, practitioners, and researchers integrating statistics and data science techniques to solve impactful real-world problems.

自然言語処理・大規模言語モデル

はじめから学ぶ大規模言語モデルの構築：
PyTorch を用いた

LLMs の設計、訓練、実装

105. Grigoro, Dilyan

Building Large Language Models from Scratch : Design, Train, and Deploy LLMs with PyTorch.

2026:04 530 p. (Apress) -DE-
ISBN 9798868822964 soft
EUR 59.99

Web 販売価格 ¥12,080 / 標準価格 ¥16,364

This book is a complete, hands-on guide to designing, training, and deploying your own Large Language Models (LLMs) - from the foundations of tokenization to the advanced stages of fine-tuning and reinforcement learning. Written for developers, data scientists, and AI practitioners, it bridges core principles and state-of-the-art techniques, offering a rare, transparent look at how modern transformers truly work beneath the surface.

深く理解する大規模言語モデル：

理論と実践を架橋する

106. Kamath, Uday/ Keenan, Kevin/ Somers, Garrett

Large Language Models : A Deep Dive : Bridging Theory and Practice.

2024:08 472 p. (Springer) -DE-
ISBN 9783031656460
EUR 59.99

Web 販売価格 ¥12,080 / 標準価格 ¥16,364

This book provides an authoritative exploration of the design, training, evolution, and application of LLMs. It begins with an overview of pre-trained language models and Transformer architectures, laying the groundwork for understanding prompt-based learning techniques. Next, it dives into methods for fine-tuning LLMs, integrating reinforcement learning for value alignment, and the convergence of LLMs with computer vision, robotics, and speech processing.

大規模言語モデル：理論から実運用まで

107. Nogueira, Alonso, Miquel/ Pacheco Aznar, David/ Vanegas, Esteban

Large Language Models : From Theory to Production.

2026:11 370 p. (Springer) -DE-
ISBN 9783032131454 soft
EUR 49.99

Web 販売価格 ¥10,067 / 標準価格 ¥13,636

This book provides a technically rigorous yet accessible guide to Large Language Models (LLMs), charting their evolution from academic research projects into critical infrastructure for industries as diverse as finance, healthcare, and law. It offers readers a strong grounding in the conceptual foundations of machine learning and deep neural networks before moving into the architectures and methods that define today's LLMs, including Transformers, tokenization strategies, and pre-training dynamics.

大規模言語モデル (MIT エッセンシャル・ナレッジ)

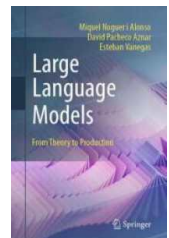
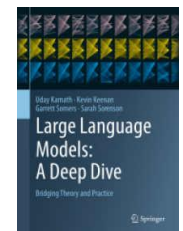
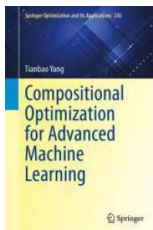
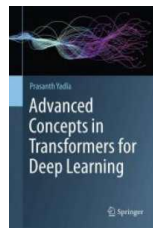
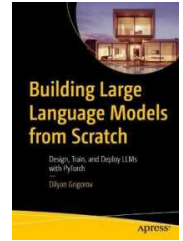
108. Raaijmakers, Stephan

Large Language Models (The MIT Press Essential Knowledge).

2025:10 192 p. (MIT Press) -US-
ISBN 9780262552691 pap.
USD 18.95

Web 販売価格 ¥3,626 / 標準価格 ¥4,523

Stephan Raaijmakers provides a comprehensive introduction to Large Language Models (LLMs), describing what exactly they are capable of from a technical and creative standpoint. This concise volume covers everything from the architecture of LLM neural networks to the limitations of LLMs to how our governments can regulate this technology.



自然言語処理における感情分析：技法・応用・未来

109. Yang, Shanliang

Sentiment Analysis in NLP : Techniques, Applications, and Future Directions.

2027:01 320 p. (Wiley-IEEE) -US-

ISBN 9781394349111

USD 140.00

Web 販売価格 ¥25,187 / 標準価格 ¥33,418

As sentiment analysis evolves from simple lexicon matching to sophisticated multimodal deep learning, practitioners need authoritative guidance spanning the field's entire trajectory. Sentiment Analysis in NLP delivers this breadth, covering text-based, aspect-based, multimodal, and implicit sentiment analysis, integrating text, audio, and visual data processing while addressing both theoretical foundations and real-world implementations.

データ可視化・プレゼンテーション

チャートからアートへ：創造的データ可視化ガイド

110. Bremer, Nadieh

CHART : Designing Creative Data Visualizations from Charts to Art (AK Peters Visualization Series).

2025:06 284 p. (Taylor & Francis) -GB-

ISBN 9781032797755

GBP 51.99

Web 販売価格 ¥12,712 / 標準価格 ¥16,699

CHART is a guide to unleashing creativity in data visualization. It takes you on a journey along the spectrum from an ordinary chart to data art, packed with ways to bring more creativity into any visualization. It will help to make your visuals more compelling and memorable, long after the numbers have been crunched.

R と Python によるデータ視覚化

111. Cremonini, Marco

Data Visualization in R and Python.

2024:11 576 p.

(Wiley) -US-

ISBN 9781394289486

USD 148.95

Web 販売価格 ¥26,798 / 標準価格 ¥35,554

データサイエンスの中でも近年ひととき注目度の高い Data Visualization を、二大人気プログラミング言語 R と Python の環境で、入門から最先端の応用まで学べる画期的テキスト。

Beginning with the fundamentals of data visualization with Python and R, two key environments for data science, the book proceeds to lay out a range of tools for data visualization and their applications in web dashboards, data science environments, graphics, maps, and more. With an eye towards remarkable recent progress in open-source systems and tools, this book offers a cutting-edge introduction to this rapidly growing area of research and technological development.

世界を混沌から救い出すデータ可視化

112. Eagle, James

From Chaos to Clarity :**How Data Visualisation can Decode the World.**

2025:07 280 p. (Wiley) -US-

ISBN 9781394292981

USD 28.00

Web 販売価格 ¥5,036 / 標準価格 ¥6,683

In this book, celebrated data visualisation creator James Eagle reveals how our data-saturated age harbours hidden dangers that places humanity in peril. He looks at how masterful visual storytelling might be our salvation. Through vivid examples and profound insights, James Eagle exposes the data pollution clouding modern life, whilst demonstrating how thoughtful, human-centred data visuals can cut through the noise, sharpen our collective understanding and light the path toward a more discerning future.

R によるデータ可視化の最前線

113. Kabacoff, Robert

Modern Data Visualization with R

(Chapman & Hall/CRC The R Series).

2024:03 259 p. (Chapman & Hall/CRC) -GB-

ISBN 9781032289496

GBP 175.00

Web 販売価格 ¥42,792 / 標準価格 ¥56,210

ISBN 9781032287607 pap.

special p. 10%OFF (2027/3/26 迄) GBP 61.19

Web 販売価格 ¥14,962 / 標準価格 ¥19,653

GBP 67.99

Web 販売価格 ¥16,625 / 標準価格 ¥21,838

Ways that raw and summary data can be turned into visualizations that convey meaningful insights: basic graphs, bar charts, scatter plots, and line charts, and progresses to tree maps, alluvial plots, radar charts, mosaic plots, grouped dot plots, effects plots, multivariate presentations such as corrgrams, biplots, network diagrams.

「Google 流資料作成術」のビフォーアフター：

データを分かりやすく変身させる実践的手法

114. Knafllic, Cole Nussbaumer/

Cisneros, Mike/ Velez, Alex

Storytelling with Data : Before and After - Practical Makeovers

for Powerful Data Stories.

2025:09 432 p. (Wiley) -US-

ISBN 9781394289615 pap.

USD 39.95

Web 販売価格 ¥7,187 / 標準価格 ¥9,535

国際的なベストセラー『Google 流資料作成術』(原書 ISBN:

9781119002253、2015 年)の中心原則を踏襲。数千回のワークショップを通して洗練された手法に基づき、視覚の単純化、不要な情報の削除、重要な視点の強調によって、読者のグラフやスライドを平凡なものから特別なものに変える過程を実演する。

Building on core principles from the international bestseller "Storytelling with Data", refined through thousands of workshops, the authors demonstrate the straightforward, intentional changes - like simplifying visuals, eliminating clutter, and emphasizing key insights - that will transform your graphs and slides from the expected to the extraordinary.

『Google 流資料作成術』(原書) 出版 10 周年記念版

115. Knafllic, Cole Nussbaumer

Storytelling with Data: A Data Visualization Guide for Business Professionals, 10th Anniversary Edition.

2026:01 (Wiley) -US-

ISBN 9781394388097

USD 59.95

Web 販売価格 ¥10,785 / 標準価格 ¥14,309

邦訳(オリジナル版): 2017 年・日本実業出版社

Celebrate a decade of data storytelling with this special 10th anniversary edition of Storytelling with Data. Featuring refreshed visuals, expanded content, and new insights, this collector's edition builds on the classic's foundational lessons, empowering you to craft persuasive data stories.

データを伝える仕事の倫理

116. Schwabish, Jonathan/ Feng, Alice

Thoughtful Data : A Guide to Empathy and Equity in Data Communication.

2026:12 256 p. (Columbia University Press) -US-

ISBN 9780231220941

USD 140.00

Web 販売価格 ¥26,796 / 標準価格 ¥33,418

ISBN 9780231220958 pap.

USD 34.95

Web 販売価格 ¥6,689 / 標準価格 ¥8,342

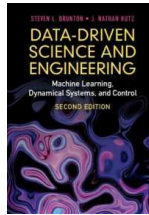
This is a guide to practicing data work ethically, empathetically, and inclusively. Drawing on interviews with nearly 150 experts across research, journalism, design, data science, and policy, Jonathan Schwabish and Alice Feng argue that foregrounding equity is not at odds with rigor but is essential to it.

☆ まずはここから！ データサイエンス既刊ベストセラー＆ロングセラーのご案内 ☆

データ駆動科学・工学：

機械学習・力学系・制御（テキスト・第2版）

117. Brunton, Steven L./ Kutz, J. Nathan
**Data-driven Science and Engineering :
 Machine Learning,
 Dynamical Systems, and Control.**
 2ND 2022:05 614 p.
 (Cambridge University Press) -GB-
 ISBN 9781109098489
 GBP 55.00

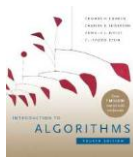


Web 販売価格 ￥14,157 / 標準価格 ￥17,666

Now with Python and MATLAB, this textbook trains mathematical scientists and engineers for the next generation of scientific discovery by offering a broad overview of the growing intersection of data-driven methods, machine learning, applied optimization, and classical fields of engineering mathematics and mathematical physics. The second edition features new chapters on reinforcement learning and physics-informed machine learning, significant new sections throughout, and chapter exercises.

アルゴリズム入門（第4版）

118. Cormen, Thomas H./ Leiserson, Charles E.
Introduction to Algorithms.
 4TH 2022:04 1332 p. (MIT Press) -US-
 ISBN 9780262046305
 USD 150.00



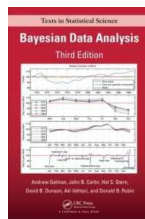
Web 販売価格 ￥28,710 / 標準価格 ￥35,805

いまやあらゆる分野で注目を集める「アルゴリズム」の古典的テキストの13年ぶりの新版。全面的にアップデートし、新たな章でオンライン・アルゴリズムや機械学習に対応。練習問題の追加や図版のカラー化も。邦訳『アルゴリズムイントロダクション 第4版 総合版』（近代科学社）2024年11月刊行。

This fourth edition has been updated throughout, with new chapters on matchings in bipartite graphs, online algorithms, and machine learning, and new material on such topics as solving recurrence equations, hash tables, potential functions, and suffix arrays. It has also 140 new exercises and 22 new problems, and color has been added to improve visual presentations.

ベイズ・データ解析（第3版）

119. Gelman, Andrew/ Carlin, John B./ Stern, Hal S./ Dunson, David B./ Vehtari, Aki
**Bayesian Data Analysis (Chapman & Hall/
 CRC Texts in Statistical Science).**
 3RD 2013:11 675 p.
 (Chapman & Hall/CRC) -GB-
 ISBN 9781439840955



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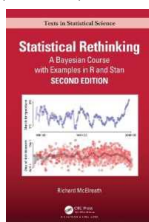
Web 販売価格 ￥24,090 / 標準価格 ￥30,060
 GBP 103.99

Web 販売価格 ￥26,766 / 標準価格 ￥33,401

Winner of the 2016 De Groot Prize from the International Society for Bayesian Analysis.

ベイズ統計学講座：RとStanの事例で学ぶ（第2版）

120. McElreath, Richard
**Statistical Rethinking : A Bayesian
 Course with Examples in R and STAN
 (Chapman & Hall/
 CRC Texts in Statistical Science).**
 2ND 2020:03 594 p.
 (Chapman & Hall/CRC) -GB-
 ISBN 9780367139919



special p. 10%OFF (2027/3/26迄) GBP 78.29

Web 販売価格 ￥19,143 / 標準価格 ￥25,146
 GBP 86.99

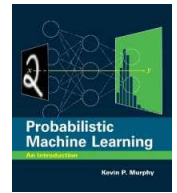
Web 販売価格 ￥21,270 / 標準価格 ￥27,941

This very popular textbook builds readers' knowledge of and confidence in statistical modeling. The second edition emphasizes the directed acyclic graph (DAG) approach to causal inference, integrating DAGs into many examples. The new edition also contains new material on the design of prior distributions, splines,

ordered categorical predictors, social relations models, cross-validation, importance sampling, instrumental variables, and Hamiltonian Monte Carlo.

確率論的機械学習入門

121. Murphy, Kevin P.
**Probabilistic Machine Learning :
 An Introduction.**
 2022:03 944 p. (MIT Press) -US-
 ISBN 9780262046824
 USD 125.00

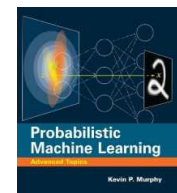


Web 販売価格 ￥23,925 / 標準価格 ￥29,837

This title grew out of the author's 2012 book, Machine Learning: A Probabilistic Perspective. More than just a simple update, this is a completely new book that reflects the dramatic developments in the field since 2012, most notably deep learning. In addition, the new book is accompanied by online Python code, using libraries such as scikit-learn, JAX, PyTorch, and Tensorflow, which can be used to reproduce nearly all the figures; this code can be run inside a web browser using cloud-based notebooks, and provides a practical complement to the theoretical topics discussed in the book.

確率論的機械学習：発展的トピック

122. Murphy, Kevin P.
**Probabilistic Machine Learning :
 Advanced Topics.**
 2023:08 1360 p. (MIT Press) -US-
 ISBN 9780262048439
 USD 150.00



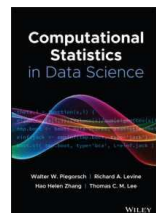
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データサイエンスのための計算統計学ハンドブック

123. Piegorsch, Walter W./ Levine, Richard A./ Zhang, Hao Helen/ Lee, Thomas C. M.
**Computational Statistics
 in Data Science.**
 2022:04 672 p.
 (Wiley) -US-
 ISBN 9781119561071
 在庫価格 USD 221.95



Web 販売価格 ￥39,932 / 標準価格 ￥52,979

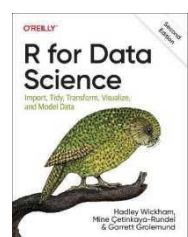
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124. Wickham, Hadley/
 Cetinkaya-Rundel, Mine/
 Grolemund, Garrett
**R for Data Science : Import, Tidy,
 Transform, Visualize, and Model Data.**
 2ND 2023:06 500 p. (O'Reilly Media) -US-
 ISBN 9781492097402 pap.
 USD 79.99



Web 販売価格 ￥17,684 / 標準価格 ￥19,092

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