

news

MATHEMATICA Extra Edition

毎々格別のお引き立てに預かり厚く御礼申し上げます。

ここに“news MATHEMATICA Extra Edition”をお届けいたします。

(2019年4月3日発行)

Contents

General & Reference.....	1
Algebra.....	2
Geometry & Topology.....	4
Analysis.....	6
Logic, Foundations & Discrete Mathematics.....	9
Probability & Statistics.....	10
Applied Mathematics.....	12
Computer Science.....	13

営業のご案内

1. 記載の書籍は小社在庫又は近着予定のものでございます。
2. 売切れの節は次回入荷次第ご納入申し上げます。
3. 番号の次に*印のついておりますものは近着又は近刊予定のものでございます。
尚*印のものは頁数価格等が若干変更になる場合がございます。
4. 原価の改訂及び為替相場の変動により価格が変更になる場合がございます。
5. 本 News は税抜き価格で表示しております(別途消費税を頂戴いたします)。
私費は10%割引、公費、科研費、個人研究費は各大学のご指定レートにより、
割引してご納入申し上げます。
6. 営業時間：午前9.30～午後5.30
7. 休日：土曜、日曜及び祝日

洋書輸入

株式会社 **マテマティカ**

〒113-0033 東京都文京区本郷3-4-5 TEL (03) 3816-3724
(ハイムお茶の水 3A) FAX (03) 3816-3717

URL <http://www.mathematica-inc.com>

e-mail math@mathematica-inc.com

取引銀行： みずほ銀行本郷支店

General & Reference

- 1* **Andrescu, T. et al:** 117 Polynomial Problems from the AwesomeMath Summer Program. 234 pp. Hard. (XYZ Press)
2019 年 5 月出版予定 9780999342848 10,071
- 2* **Andrescu, T. & Mushkarov, O.:** Topics in Geometric Inequalities. 420 pp. Hard. (XYZ Press)
2019 年 5 月出版予定 9780999342831 10,071
- 3* **Aydin, N. & Hammoudi, L.:** Al-Kashi's Miftah al-Hisab, Vol. I: Arithmetic. Translation and Commentary. 246 pp. Hard. (Birkhauser)
2019 年 6 月出版予定 9783030149499 19,090
- 4 **Bhatia, M. et al (Ed.):** Green, Growth, Globalization and Governance: Challenges and Opportunities. 2018. 310 pp. Paper. (Cambridge Scientific Publishers)
9781908106629 16,950
- 5* **Glaeser, G. & Polthier, K.:** A Mathematical Picture Book. 339 pp. Hard. (Springer)
2019 年 9 月出版予定 9783642146473 11,450
- 6* **Hahn, L.-s.:** Complex Numbers and Geometry. rep. 192 pp. =**AMS/MAA Textbooks. Vol. 52.** Paper. (M.A.A.)
2019 年 7 月出版予定 9781470451820 5,040
- 7 **Holden, H. & Piene, R. (Ed.):** The Abel Prize 2013-2017. 2019. 774 pp. Hard. (Springer)
9783319990279 21,000
- 8* **Kalman, D. et al:** Elementary Mathematical Models. An Accessible Development without Calculus. 2nd ed. 521 pp. =**AMS/MAA Textbooks. Vol. 50.** Hard. (M.A.A.)
2019 年 6 月出版予定 9781470450014 12,600
- 9* **Karp, A. (Ed.):** National Subcommissions of ICMI and their Role in the Reform of Mathematics Education. 216 pp. =**International Studies in the History of Mathematics and its Teaching.** Hard. (Springer)
2019 年 6 月出版予定 9783030148645 21,000
- 10* **Rahmawati, Y. & Taylor, P. C.:** Empowering Science and Mathematics for Global Competitiveness. Proceedings of the Science and Mathematics International Conference (SMIC 2018), Nov. 2018, Jakarta, Indonesia. 620 pp. Hard. (CRC Press)
2019 年 7 月出版予定 9781138616660 38,640
- 11* **Sesiano, J.:** Magic Squares. Their History and Construction from Ancient Times to AD 1600. 325 pp. =**Sources and Studies in the History of Mathematics and Physical Sciences.** Hard. (Springer)
2019 年 9 月出版予定 9783030179922 19,090

Algebra

- 12 **Aizenbud, A. et al (Ed.):** Representations of Reductive Groups. Conference in honor of Joseph Bernstein, Representation Theory and Algebraic Geometry, Jun. 2017, Weizmann Inst. of Science, Rehovot, Israel and The Hebrew Univ. of Jerusalem, Israel. 2019. 450 pp. =**Proceedings of Symposia in Pure Mathematics. Vol. 101.** Hard. (A.M.S.)
9781470442842 22,218
- 13* **Andruskiewitsch, N. & Nikshych, D. (Ed.):** Tensor Categories and Hopf Algebras. 194 pp. =**Contemporary Mathematics. Vol. 728.** Paper. (A.M.S.)
2019年5月出版予定 9781470443214 19,656
- 14 **Aramayona, J. et al:** Algorithmic and Geometric Topics Around Free Groups and Automorphisms. 2017. 149 pp. =**Advanced Courses in Mathematics CRM Barcelona.** Paper. (Birkhauser)
9783319609393 4,770
- 15 **Beshaj, L. & Shaska, T. (Ed.):** Algebraic Curves and Their Applications. 2019. 344 pp. =**Contemporary Mathematics. Vol. 724.** Paper. (A.M.S.)
9781470442477 19,656
- 16* **Boelaert, L. et al:** Moufang Sets and Structurable Division Algebras. 88 pp. =**Memoirs. Vol. 1245.** Paper. (A.M.S.)
2019年6月出版予定 9781470435547 14,013
- 17 **Bogacki, P.:** Linear Algebra. Concepts and Applications. 2019. 383 pp. =**AMS/MAA Textbooks. Vol. 47.** Hard. (M.A.A.)
9781470443849 16,538
- | |
|--|
| 18* Bresar, M.: Undergraduate Algebra. A Unified Approach. 312 pp. = Springer Undergraduate Mathematics Series. Paper. (Springer)
2019年6月出版予定 9783030140526 6,680 |
|--|
- 19 **Bulacu, D. et al:** Quasi-Hopf Algebras. A Categorical Approach. 2019. 528 pp. =**Encyclopedia of Mathematics and Its Applications. Vol. 171.** Hard. (Cambridge UP)
9781108427012 25,462
- 20 **Chenevier, G. & Lannes, J.:** Automorphic Forms and Even Unimodular Lattices. Kneser Neighbors of Niemeier Lattices. 2019. 417 pp. =**Ergebnisse der Mathematik und ihrer Grenzgebiete. 3. Folge. Vol. 69.** Hard. (Springer)
9783319958903 18,990
- 21 **Feldvoss, J. et al (Ed.):** Advances in Algebra. SRAC 2017, Mobile, Alabama, USA, March. 2019. 322 pp. =**Springer Proceedings in Mathematics and Statistics. Vol. 277.** Hard. (Springer)
9783030115203 28,490

- 22* **Gille, P.:** Groupes algébriques en dimension cohomologique < 2 . Semisimple algebraic groups in cohomological dimension < 2 . 140 pp. =**Lecture Notes in Mathematics. Vol. 2238.** Paper. (Springer)
2019年7月出版予定 9783030172718 5,970
- 23* **Goldman, W. et al:** Automorphisms of Two-Generator Free Groups and Spaces of Isometric Actions on the Hyperbolic Plane. 78 pp. =**Memoirs. Vol. 1249.** Paper. (A.M.S.)
2019年6月出版予定 9781470436148 14,013
- 24 **Guillot, P.:** A Gentle Course in Local Class Field Theory. 2018. 293 pp. Hard. (Cambridge UP)
9781108421775 14,687
- 25* **Heu, V. & Loray, F.:** Flat Rank Two Vector Bundles on Genus Two Curves. 107 pp. =**Memoirs. Vol. 1247.** Paper. (A.M.S.)
2019年6月出版予定 9781470435660 14,013
- 26* **Hochenegger, A. et al (Ed.):** Birational Geometry of Hypersurfaces. Gargnano del Garda, Italy, 2018. 260 pp. =**Lecture Notes of the Unione Matematica Italiana. Vol. 26.** Paper. (Springer)
2019年8月出版予定 9783030186371 12,410
- 27 **Keller, C.:** Chern-Simons Theory and Equivariant Factorization Algebras. 2019. 154 pp. =**BestMasters.** Paper. (Springer Spektrum)
9783658253370 10,390
- 28 **Koshy, T.:** Fibonacci and Lucas Numbers with Applications, Vol. 2. 2019. 729 pp. =**Pure and Applied Mathematics.** Hard. (Wiley)
9781118742082 20,870
- 29 **Lehman, J. L.:** Quadratic Number Theory. An Invitation to Algebraic Methods in the Higher Arithmetic. 2019. 394 pp. =**Dolciani Mathematical Expositions. Vol. 52.** Hard. (M.A.A.)
9781470447373 8,736
- 30* **Leroy, A. et al (Ed.):** Rings, Modules and Codes. 355 pp. =**Contemporary Mathematics. Vol. 727.** Paper. (A.M.S.)
2019年5月出版予定 9781470441043 19,656
- 31 **Li, W.-C. W.:** Zeta and L-functions in Number Theory and Combinatorics. 2019. 95 pp. =**CBMS Regional Conference Series in Mathematics. Vol. 129.** Paper. (A.M.S.)
9781470449001 9,188
- 32* **Murty, M. R. & Fodden, B.:** Hilbert's Tenth Problem. An Introduction to Logic, Number Theory, and Computability. 239 pp. =**Student Mathematical Library. Vol. 88.** Paper. (A.M.S.)
2019年6月出版予定 9781470443993 9,240

- 33 **Narkiewicz, W.:** The Story of Algebraic Numbers in the First Half of the 20th Century. 2018. 443 pp. =**Springer Monographs in Mathematics**. Hard. (Springer)
9783030037536 18,890
- 34 **Ryan, O.:** Linear Algebra, Signal Processing, and Wavelets - A Unified Approach. MATLAB Version. 2019. 360 pp. =**Springer Undergraduate Texts in Mathematics and Technology**. Hard. (Springer)
9783030018115 12,340
- 35 **Ryan, O.:** Linear Algebra, Signal Processing, and Wavelets - A Unified Approach. Python Version. 2019. 364 pp. =**Springer Undergraduate Texts in Mathematics and Technology**. Hard. (Springer)
9783030029395 12,340
- 36* **Shaked-Monderer, N. et al:** Copositive Matrices and Completely Positive Matrices. C(O)P Matrices. 400 pp. Hard. (World Scientific)
2020 年 5 月出版予定 9789811204340 23,180
- 37* **Shapira, Y.:** Linear Algebra and Group Theory for Physicists and Engineers. 401 pp. Hard. (Springer)
2019 年 8 月出版予定 9783030178550 9,540
- 38* **Tsfasman, M. et al:** Algebraic Geometry Codes: Advanced Chapters. =**Mathematical Surveys and Monographs. Vol. 238**. Hard. (A.M.S.)
2019 年 7 月出版予定 9781470448653 21,672

39* Varopoulos, N.: Potential Theory and Geometry on Lie Groups. = Cambridge Tracts in Mathematics . Hard. (Cambridge UP) 2019 年 10 月出版予定 9781107036499 価格未定

Geometry & Topology

40* Adams, C. C. et al (Ed.): Knots, Low-Dimensional Topology and Applications. Knots in Hellas, Ancient Olympia, Greece, July 2016. 447 pp. = Springer Proceedings in Mathematics and Statistics. Vol. 284 . Hard. (Springer) 2019 年 7 月出版予定 9783030160302 26,730

41* Agrachev, A. et al: A Comprehensive Introduction to Sub-Riemannian Geometry. 800 pp. = Cambridge Studies in Advanced Mathematics. Vol. 181 . Hard. (Cambridge UP) 2019 年 11 月出版予定 9781108476355 32,770

- 42* **Calvaruso, G. & Lopez, M. C.:** Pseudo-Riemannian Homogeneous Structures. 233 pp. =**Developments in Mathematics. Vol. 59.** Hard. (Springer)
 2019 年 7 月出版予定 9783030181512 17,180
- 43* **Finster, F. & Kamran, N.:** Spinors on Singular Spaces and the Topology of Causal Fermion Systems. 82 pp. =**Memoirs. Vol. 1251.** Paper. (A.M.S.)
 2019 年 6 月出版予定 9781470436216 14,013
- 44 **Gaiitgory, D. & Lurie, J.:** Weil's Conjecture for Function Fields, Vol. I. 2019. 311 pp. =**Annals of Mathematics Studies. Vol. 199.** Paper. (Princeton UP)
 9780691182148 10,050
- 45* **Gay, D. T. & Wu, W. (Ed.):** Breadth in Contemporary Topology. 282 pp. =**Proceedings of Symposia in Pure Mathematics. Vol. 102.** Hard. (A.M.S.)
 2019 年 6 月出版予定 9781470442491 22,344
- 46* **Havil, J.:** Curves for the Mathematically Curious. An Anthology of the Unpredictable, Historical, Beautiful, and Romantic. 304 pp. Hard. (Princeton UP)
 2019 年 10 月出版予定 9780691180052 4,040
- 47* **Kharlamov, A. N.:** Immortality in Singularity. 400 pp. Hard. (Pan Stanford Publishing)
 2019 年 6 月出版予定 9789814800334 17,390
- 48 **Kielanowski, P. et al (Ed.):** Geometric Methods in Physics XXXVI. Workshop and Summer School, Biaowiea, Poland, 2017. 2019. 425 pp. =**Trends in Mathematics.** Hard. (Birkhauser)
 9783030011550 28,490
- 49 **Laga, H. et al:** 3D Shape Analysis. Fundamentals, Theory, and Applications. 2019. 345 pp. Hard. (Wiley)
 9781119405108 21,710
- 50 **Murakami, H. & Yokota, Y.:** Volume Conjecture for Knots. 2018. 120 pp. =**Springer Briefs in Mathematical Physics. Vol. 30.** Paper. (Springer)
 9789811311499 10,390
- 51* **Richeson, D. S.:** Euler's Gem. The Polyhedron Formula and the Birth of Topology. With a New Preface by the Author. rep. 336 pp. =**Princeton Science Library.** Paper. (Princeton UP)
 2019 年 7 月出版予定 9780691191379 2,690
- 52 **Schwartz, R. E.:** The Plaid Model. 2019. 268 pp. =**Annals of Mathematics Studies. Vol. 198.** (Princeton UP)
 Hard. 9780691181370 22,110
- 53 - do -
 Paper. 9780691181387 10,050
- 54 **Singh, M. et al (Ed.):** Algebraic Topology and Related Topics. 2019. 313 pp. =**Trends in Mathematics.** Hard. (Birkhauser)
 9789811357411 26,450

Analysis

- | | |
|-----|---|
| 55* | Alabau-Boussouira, F. et al (Ed.): Trends in Control Theory and Partial Differential Equations. 300 pp. = Springer INdAM Series. Vol. 32. Hard. (Springer)
2019 年 7 月出版予定 9783030179489 21,000 |
|-----|---|
- | | |
|-----|---|
| 56* | Barreira, L. & Valls, C.: Dynamical Systems by Example. 214 pp. = Problem Books in Mathematics. Hard. (Springer)
2019 年 6 月出版予定 9783030159146 10,500 |
|-----|---|
- 57 **Benedetto, R. L.:** Dynamics in One Non-Archimedean Variable. 2019. 463 pp. =**Graduate Studies in Mathematics. Vol. 198.** Hard. (A.M.S.)
9781470446888 15,870
- 58 **Boggiatto, P. et al (Ed.):** Landscapes of Time-Frequency Analysis. 2019. 347 pp. =**Applied and Numerical Harmonic Analysis.** Hard. (Birkhauser)
9783030052096 16,060
- | | |
|-----|--|
| 59* | Bolotnikov, V. et al (Ed.): Interpolation and Realization Theory with Applications to Control Theory. In Honor of Joe Ball. 353 pp. = Operator Theory. Vol. 272. Hard. (Birkhauser)
2019 年 6 月出版予定 9783030116132 17,180 |
|-----|--|
- 60 **Cellerino, A. & Sanguanini, M.:** Transcriptome Analysis. 2018. 185 pp. =**Lecture Notes. Vol. 17.** Paper. (Scuola Normale Superiore)
9788876426414 4,940
- 61* **Chen, C. et al:** On Space-Time Quasiconcave Solutions of the Heat Equation. 83 pp. =**Memoirs. Vol. 1244.** Paper. (A.M.S.)
2019 年 6 月出版予定 9781470435240 14,013
- | | |
|-----|--|
| 62* | Cobzas, S. et al: Lipschitz Functions. 550 pp. = Lecture Notes in Mathematics. Vol. 2241. Paper. (Springer)
2019 年 6 月出版予定 9783030164881 10,500 |
|-----|--|
- | | |
|-----|---|
| 63* | Colombo, F. & Gantner, J.: Quaternionic Closed Operators, Fractional Powers and Fractional Diffusion Processes. 330 pp. = Operator Theory. Vol. 274. Hard. (Birkhauser)
2019 年 10 月出版予定 9783030164089 19,090 |
|-----|---|
- 64 **Danielli, D. et al (Ed.):** New Developments in the Analysis of Nonlocal Operators. 2019. 214 pp. =**Contemporary Mathematics. Vol. 723.** Paper. (A.M.S.)
9781470441104 19,545

- | | | | | |
|-----|--|-------------|---------------|-------|
| 65* | Dragomir, S. S.: Kato's Type Inequalities for Bounded Linear Operators in Hilbert Spaces. 130 pp. = Springer Briefs in Mathematics . Paper. (Springer) | 2019年6月出版予定 | 9783030174583 | 9,540 |
|-----|--|-------------|---------------|-------|
- | | | | | |
|-----|--|-------------|---------------|--------|
| 66* | Dutta, H. et al: Concise Introduction to Basic Real Analysis. 272 pp. Hard. (CRC Press) | 2019年7月出版予定 | 9781138612464 | 28,470 |
|-----|--|-------------|---------------|--------|
- | | | | | |
|-----|--|-------------|---------------|--------|
| 67* | Fernandez Martinez, M. et al: Fractal Dimension for Fractal Structures. With Applications to Finance. 204 pp. = SEMA SIMAI Springer Series. Vol. 19 . Hard. (Springer) | 2019年7月出版予定 | 9783030166441 | 19,090 |
|-----|--|-------------|---------------|--------|
- | | | | | |
|-----|---|-------------|---------------|--------|
| 68* | Ferrando, J. C. (Ed.): Descriptive Topology and Functional Analysis II. In Honour of Manuel Lopez-Pellicer Mathematical Work - Elche, Spain, June 2018. 282 pp. = Springer Proceedings in Mathematics and Statistics. Vol. 286 . Hard. (Springer) | 2019年7月出版予定 | 9783030173753 | 18,140 |
|-----|---|-------------|---------------|--------|
- 69 **Huber, R.:** Variational Regularization for Systems of Inverse Problems. Tikhonov Regularization with Multiple Forward Operators. 2019. 136 pp. =**BestMasters**. Paper. (Springer Spektrum)
- 9783658253899 10,440
- 70 **Isaev, A.:** Twenty-One Lectures on Complex Analysis. A First Course. 2017. 194 pp. =**Springer Undergraduate Mathematics Series**. Paper. (Springer)
- 9783319681696 6,680
- 71* **Joshi, N.:** Discrete Painleve Equations. 154 pp. =**CBMS Regional Conference Series in Mathematics. Vol. 131**. Paper. (A.M.S.)
- 2019年6月出版予定 9781470450380 9,240
- 72* **Kumar, S. & Nath, Y.:** Mathematical Theory of Subdivision. Finite Element and Wavelet Methods. 232 pp. Hard. (Chapman & Hall/CRC)
- 2019年8月出版予定 9781138051584 21,690
- | | | | | |
|-----|--|-------------|---------------|--------|
| 73* | Kycia, R. et al (Ed.): Nonlinear PDEs, Their Geometry, and Applications. Proceedings of the Wisla 18 Summer School. 269 pp. = Tutorials, Schools, and Workshops in the Mathematical Sciences . Paper. (Birkhauser) | 2019年7月出版予定 | 9783030170301 | 12,410 |
|-----|--|-------------|---------------|--------|
- 74 **Li, T. & Zhou, Y.:** Nonlinear Wave Equations. 2017. 391 pp. =**Series in Contemporary Mathematics. Vol. 2**. Hard. (Springer)
- 9783662557235 21,000
- | | | | | |
|-----|--|-------------|---------------|--------|
| 75* | Liu, C.: Index theory in nonlinear analysis. 270 pp. Hard. (Springer) | 2019年6月出版予定 | 9789811372865 | 19,090 |
|-----|--|-------------|---------------|--------|

- 76 **Malkowsky, E. & Rakocevic, V.:** Advanced Functional Analysis. 2019. 446 pp. Hard. (CRC Press)
9781138337152 22,100
- 77 **Mortad, M. H.:** An Operator Theory Problem Book. 2019. 637 pp. Hard. (World Scientific)
9789813236257 21,500
- 78 **Munteanu, I.:** Boundary Stabilization of Parabolic Equations. 2019. 214 pp. =**Progress in Nonlinear Differential Equations and Their Applications. Vol. 93.** Hard. (Birkhauser)
9783030110987 16,140
- 79 **Ohsawa, T.:** L2 Approaches in Several Complex Variables. 2nd ed. 2018. 258 pp. =**Springer Monographs in Mathematics.** Hard. (Springer)
9784431568513 16,570

80* **Pacifico, M. J. & Guarino, P. (Ed.):** New Trends in One-Dimensional Dynamics. In Honour of Wellington de Melo's 70th Birthday, IMPA, Rio de Janeiro, Nov. 2016. 400 pp. =**Springer Proceedings in Mathematics and Statistics. Vol. 285.** Hard. (Springer)
2019年6月出版予定 9783030168322 26,730

- 81 **Papageorgiou, N. et al:** Nonlinear Analysis-Theory and Methods. 2019. 577 pp. =**Springer Monographs in Mathematics.** Hard. (Springer)
9783030034290 18,990
- 82 **Plonka, G. et al:** Numerical Fourier Analysis. 2018. 618 pp. =**Applied and Numerical Harmonic Analysis.** Hard. (Birkhauser)
9783030043056 20,890
- 83* **Przytycki, F. & Rivera-Letelier, J.:** Geometric Pressure for Multimodal Maps of the Interval. 81 pp. =**Memoirs. Vol. 1246.** Paper. (A.M.S.)
2019年6月出版予定 9781470435677 14,013

84* **Quittner, P. & Souplet, P.:** Superlinear Parabolic Problems. Blow-up, Global Existence and Steady States. 2nd ed. 721 pp. =**Birkhauser Advanced Texts.** Hard. (Birkhauser)
2019年6月出版予定 9783030182205 14,320

- 85 **Radin, M.:** Periodic Character and Patterns of Recursive Sequences. 2018. 219 pp. Hard. (Springer)
9783030017798 8,500

86* **Rataj, J. & Zahle, M.:** Curvature Measures of Singular Sets. 250 pp. =**Springer Monographs in Mathematics.** Hard. (Springer)
2019年7月出版予定 9783030181826 17,180

- 87 **Ray, S. S. & Sahoo, S.:** Generalized Fractional Order Differential Equations Arising in Physical Models. 2019. 314 pp. Hard. (CRC Press)
 9781138366817 30,940
- 88 **Rogosin, S. & Celebi, A. O. (Ed.):** Analysis as a Life. Dedicated to Heinrich Begehr on the Occasion of his 80th Birthday. 2019. 318 pp. =**Trends in Mathematics**. Hard. (Birkhauser)
 9783030026493 18,890
- 89 **Sayas, F. J. et al:** Variational Techniques for Elliptic Partial Differential Equations. Theoretical Tools and Advanced Applications. 2019. 492 pp. Hard. (Chapman & Hall/CRC)
 9781138580886 16,710
- 90 **Serov, V.:** Fourier Series, Fourier Transforms and Their Applications to Mathematical Physics. 2017. 534 pp. =**Applied Mathematical Sciences. Vol. 197**. Hard. (Springer)
 9783319652610 19,090

91* **Shirali, S. & Vasudeva, H. L.:** Measure and Integration. 555 pp. =**Springer Undergraduate Mathematics Series**. Paper. (Springer)
 2019年9月出版予定 9783030187460 6,680

- 92* **Silva, C. E.:** Invitation to Real Analysis. 307 pp. =**Pure and Applied Undergraduate Texts. Vol. 36**. Hard. (A.M.S.)
 2019年6月出版予定 9781470449285 16,632
- 93 **Spivak, M.:** The Hitchhiker's Guide to Calculus. rep. 2019. 122 pp. =**Classroom Resource Materials. Vol. 57**. Paper. (M.A.A.)
 9781470449629 4,200
- 94 **Volland, D.:** A Discrete Hilbert Transform with Circle Packings. 2017. 102 pp. =**BestMasters**. Paper. (Springer Spektrum)
 9783658204563 11,450

Logic, Foundations & Discrete Mathematics

95* **Barany, I. et al (Ed.):** Building Bridges II. On the occasion of the 70th birthday of Laszlo Lovasz. 420 pp. =**Bolyai Society Mathematical Studies. Vol. 28**. Hard. (Springer)
 2019年5月出版予定 9783662592038 19,090

- 96* **Chartrand, G. et al:** How to Label a Graph. 101 pp. =**Springer Briefs in Mathematics**. Paper. (Springer)
 2019年6月出版予定 9783030168629 9,540

97*	Di Nasso, M. et al: Nonstandard Methods in Ramsey Theory and Combinatorial Number Theory. 134 pp. = Lecture Notes in Mathematics. Vol. 2239. Paper. (Springer) 2019年7月出版予定 9783030179557 7,630
98*	Dodig-Crnkovic, G. & Burgin, M. (Ed.): Philosophy and Methodology of Information. The Study of Information in a Transdisciplinary Perspective. 300 pp. = World Scientific Series in Information Studies. Hard. (World Scientific) 2019年5月出版予定 9789813277519 19,820
99*	Lo, A. et al (Ed.): Surveys in Combinatorics 2019. 270 pp. = London Mathematical Society Lecture Note Series. Vol. 456. Paper. (Cambridge UP) 2019年7月出版予定 9781108740722 12,430
100*	Schmidt, K.-U. & Winterhof, A.: Combinatorics and Finite Fields. Difference Sets, Polynomials, Pseudorandomness and Applications. 350 pp. = Radon Series on Computational and Applied Mathematics. Vol. 23. Hard. (de Gruyter) 2019年8月出版予定 9783110641790 23,100
101*	Velleman, D. J.: How to Prove It. A Structured Approach. 3rd ed. 400 pp. Hard. (Cambridge UP) Hard. 2019年8月出版予定 9781108424189 18,077
102*	- do - Paper. 2019年8月出版予定 9781108439534 6,777

Probability & Statistics

103*	Ahmed, S. E. et al (Ed.): Matrices, Statistics and Big Data. Selected Contributions from IWMS 2016 190 pp. = Contributions to Statistics. Hard. (Springer) 2019年8月出版予定 9783030175184 26,730
104*	Ahsanullah, M.: Characterizations of Exponential Distribution by Ordered Random Variables. 95 pp. = Mathematics Research Developments Series. Paper. (Nova Science) 2019年6月出版予定 9781536154023 13,770
105	Bertail, P. et al (Ed.): Nonparametric Statistics. 2018. 390 pp. = Springer Proceedings in Mathematics and Statistics. Vol. 250. Hard. (Springer) 9783319969404 30,390
106	Blitzstein, J. K. & Hwang, J.: Introduction to Probability. 2nd ed. 2019. 619 pp. = Texts in Statistical Science. Hard. (Chapman & Hall/CRC) 9781138369917 13,250
107*	E, W. et al: Applied Stochastic Analysis. 305 pp. = Graduate Studies in Mathematics. Vol. 199. Hard. (A.M.S.) 2019年6月出版予定 9781470449339 14,280

- 108 **Funatogawa, I. & Funatogawa, T.:** Longitudinal Data Analysis. 2018. 141 pp. =**Springer Briefs in Statistics**. Paper. (Springer)
9789811000768 10,440
- 109* **Kigami, J.:** Time Changes of the Brownian Motion: Poincare Inequality, Heat Kernel Estimate and Protodistance. 118 pp. =**Memoirs. Vol. 1250**. Paper. (A.M.S.)
2019年6月出版予定 9781470436209 14,013
- 110* **Lakatos, L. et al:** Introduction to Queueing Systems with Telecommunication Applications. 2nd ed. 532 pp. Hard. (Springer)
2019年6月出版予定 9783030151416 13,360
- 111 **Le Roux, B. et al:** Combinatorial Inference in Geometric Data Analysis. 2019. 256 pp. =**Chapman and Hall/CRC Computer Science and Data Analysis Series**. Hard. (Chapman & Hall/CRC)
9781498781619 20,330
- 112* **Matheron, G.:** Matheron's Theory of Regionalized Variables. 224 pp. =**International Association for Mathematical Geosciences**. Hard. (Oxford UP)
2019年4月出版予定 9780198835660 12,740
- 113* **Oliveira, A. G.:** Biostatistics Decoded. 2nd ed. 400 pp. Hard. (Wiley)
2019年7月出版予定 9781119584209 20,160
- 114* **Piantadosi, S. & Meinert, C. (Ed.):** Principles and Practice of Clinical Trials. 2500 pp. Hard. (Springer)
2020年2月出版予定 9783319526355 80,020
- 115* **Skiadas, C. & Bozeman, J. R. (Ed.):** Data Analysis and Applications 1. New and Classical Approaches. 286 pp. Hard. (Wiley)
2019年4月出版予定 9781786303820 24,360
- 116* **Skiadas, C. & Bozeman, J. R. (Ed.):** Data Analysis and Applications 2. Utilization of Results in Europe and Other Topics. 252 pp. Hard. (Wiley)
2019年4月出版予定 9781786304476 24,360
- 117* **Suciu, N.:** Diffusion in Random Fields. Applications to Transport in Groundwater. 275 pp. =**Geosystems Mathematics**. Hard. (Birkhauser)
2019年6月出版予定 9783030150808 16,230
- 118* **Sundberg, R.:** Statistical Modelling by Exponential Families. 290 pp. =**Institute of Mathematical Statistics Textbooks. Vol. 12**. Hard. (Cambridge UP)
Hard. 2019年7月出版予定 9781108476591 18,077
- 119* - do -
Paper. 2019年7月出版予定 9781108701112 6,777

- 120 **Wainwright, M. J.:** High-Dimensional Statistics. A Non-Asymptotic Viewpoint. 2019. 552 pp.
=Cambridge Series in Statistical and Probabilistic Mathematics. Vol. 48. Hard. (Cambridge UP)
9781108498029 12,839
- 121 **Zeitlin, W. & Auerbach, C.:** Basic Statistics for the Behavioral and Social Sciences Using R. 2019. 273 pp.
Paper. (Oxford UP)
9780190620189 9,300

Applied Mathematics

- 122* **Bauer, M. & Plehn, T.:** Yet Another Introduction to Dark Matter. The Particle Physics Approach. 150 pp. **=Lecture Notes in Physics. Vol. 959.** Paper. (Springer)
2019 年 9 月出版予定 9783030162337 9,540
- 123* **Berezovskya, F. & Toni, B. (Ed.):** Advanced Mathematical Methods in Biosciences and Applications. 390 pp.
=STEAM-H: Science, Technology, Engineering, Agriculture, Mathematics and Health. Hard. (Springer)
2019 年 8 月出版予定 9783030157142 19,090
- 124 **Boyd, R. W. et al (Ed.):** Quantum Photonics: Pioneering Advances and Emerging Applications. 2019. 627 pp.
=Springer Series in Optical Sciences. Vol. 217. Hard. (Springer)
9783319984001 28,490
- 125* **Du, Q.:** Nonlocal Modeling, Analysis, and Computation. 168 pp. **=CBMS-NSF Regional Conference Series in Applied Mathematics. Vol. 94.** Paper. (S.I.A.M.)
2019 年 3 月出版予定 9781611975611 11,210
- 126* **Fan, Y. et al (Ed.):** Flexible Bayesian Regression Modeling. 352 pp. Paper. (Academic)
2019 年 9 月出版予定 9780128158623 20,150
- 127 **Feinberg, M.:** Foundations of Chemical Reaction Network Theory. 2019. 454 pp. **=Applied Mathematical Sciences. Vol. 202.** Hard. (Springer)
9783030038571 18,990
- 128* **Galkowski, J.:** Distribution of Resonances in Scattering by Thin Barriers. 153 pp. **=Memoirs. Vol. 1248.** Paper. (A.M.S.)
2019 年 6 月出版予定 9781470435721 14,013
- 129 **Islam, N. T.:** High-Rate, High-Dimensional Quantum Key Distribution Systems. 2018. 132 pp. **=Springer Theses.** Hard. (Springer)
9783319989280 23,750

- 130 **Izaak, J. & Wang, J.:** Computational Quantum Mechanics. 2018. 494 pp. =**Undergraduate Lecture Notes in Physics**. Hard. (Springer)
9783319999296 12,340
- 131* **Jahnert, M.:** Practicing the Correspondence Principle in the Old Quantum Theory. A Transformation through Implementation. 330 pp. =**Archimedes. Vol. 56**. Hard. (Springer)
2019 年 4 月出版予定 9783030132996 21,000
- 132 **Kiritsis, E.:** String Theory in a Nutshell. 2nd ed. 2019. 888 pp. Hard. (Princeton UP)
9780691155791 14,720
- 133* **Larsson, U. (Ed.):** Games of No Chance 5. 398 pp. =**Mathematical Sciences Research Institute Publications. Vol. 70**. Hard. (Cambridge UP)
2019 年 5 月出版予定 9781108485807 24,860
- 134* **Marzani, S. et al:** Looking Inside Jets. An Introduction to Jet Substructure and Boosted-object Phenomenology. 180 pp. =**Lecture Notes in Physics. Vol. 958**. Paper. (Springer)
2019 年 6 月出版予定 9783030157081 10,500
- 135* **Medvedev, G. A.:** Yield Curves and Forward Curves for Diffusion Models of Short Rates. 154 pp. Hard. (Springer)
2019 年 6 月出版予定 9783030154998 17,180
- 136* **Mezo, I.:** Combinatorics and Number Theory of Counting Sequences. 496 pp. =**Discrete Mathematics and Its Applications**. Hard. (Chapman & Hall/CRC)
2019 年 7 月出版予定 9781138564855 20,790
- 137* **Nakao, M. T. et al:** Numerical Verification Methods and Computer-Assisted Proofs for Partial Differential Equations. 300 pp. =**Springer Series in Computational Mathematics. Vol. 53**. Hard. (Springer)
2019 年 9 月出版予定 9789811376689 21,000
- 138* **Oller, J.:** A Brief Introduction to Dispersion Relations. 141 pp. =**Springer Briefs in Physics**. Paper. (Springer)
2019 年 5 月出版予定 9783030135812 9,540
- 139* **Verma, R. U.:** Next Generation Newton-Type Methods. 218 pp. =**Mathematics Research Developments Series**. Hard. (Nova Science)
2019 年 6 月出版予定 9781536154566 26,880

Computer Science

- 140* **Fox, W. P. & Bauldry, W.:** Advanced Problem Solving with Maple: A First Course. 352 pp. =**Textbooks in Mathematics**. Hard. (Chapman & Hall/CRC)
2019 年 8 月出版予定 9781138601857 15,810

- 141* **Ghosh, D. & Chakraborty, D.:** An Introduction to Analytical Fuzzy Plane Geometry. 240 pp. =**Studies in Fuzziness and Soft Computing. Vol. 381.** Hard. (Springer)
2019 年 6 月出版予定 9783030157210 24,820
- 142* **Kim, S. et al (Ed.):** Advances in Computers, Vol. 115. Role of Blockchain Technology in IoT Applications. 310 pp. =**Advances in Computers. Vol. 115.** Hard. (Academic)
2019 年 9 月出版予定 9780128171899 30,570

MATHEMATICA INC.

