

數圖111年11月新書目錄

| 新書批號：malib11111   |                                                                                                                                                                             |      |      |         |                |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|---------|----------------|
| 新書展示截止日期：20221128 |                                                                                                                                                                             |      |      |         |                |
| 報表產生日期：20221121   |                                                                                                                                                                             |      |      |         |                |
| 條碼號               | 題名                                                                                                                                                                          | 資料類型 | 館藏地  | 說明      | 索書號            |
| C70913            | 基礎數學/林欽誠, 李明憶著.                                                                                                                                                             | 圖書   | 數學分館 | 2022    | 310 8792       |
| 0427099           | Writings of Charles S. Peirce : a chronological edition / Max H. Fisch, general editor.                                                                                     | 圖書   | 數學分館 | v.6 c.2 | B945 .P4       |
| 0423017           | An introduction to mathematical proofs / Nicholas A Loehr.                                                                                                                  | 圖書   | 數學分館 | 2020    | QA9.54 .L64    |
| 0423006           | Introduction to modern algebra and its applications / Nadiya Gubareni, Associate Professor, Institute of Mathematics, Silesian University of Technology, Gliwice, Poland.   | 圖書   | 數學分館 | 2021    | QA162 .G83     |
| 0423011           | Graph theory : an introduction to proofs, algorithms, and applications / Karin R. Saoub.                                                                                    | 圖書   | 數學分館 | 2021    | QA166 .S227    |
| 0425513           | Hadamard matrices : constructions using number theory and algebra / Seberry, Jennifer                                                                                       | 圖書   | 數學分館 | 2020    | QA166.4 .S43   |
| 0425843           | Manifolds and local structures : a general theory / Marco Grandis.                                                                                                          | 圖書   | 數學分館 | 2021    | QA169 .G737    |
| 0423010           | Exercises and problems in linear algebra / John M. Erdman, Portland State University.                                                                                       | 圖書   | 數學分館 | 2021    | QA179 .E73     |
| 0423039           | Abelian groups : structures and classifications / Carol Jacoby and Peter Loth.                                                                                              | 圖書   | 數學分館 | 2019    | QA180 .J33     |
| 0427500           | p-adic differential equations / Kiran S. Kedlaya, University of California San Diego.                                                                                       | 圖書   | 數學分館 | 2022    | QA241 .K43     |
| 0423026           | Number theory : step by step / Kuldeep Singh.                                                                                                                               | 圖書   | 數學分館 | 2020    | QA241 .S56     |
| 0423027           | Number theory : a very short introduction / edited by Robin Wilson                                                                                                          | 圖書   | 數學分館 | 2020    | QA241 .W55     |
| 0427521           | Point-counting and the Zilber-Pink conjecture / Jonathan Pila.                                                                                                              | 圖書   | 數學分館 | 2022    | QA242.5 .P553  |
| 0423040           | Bounded gaps between primes : the epic breakthroughs of the early twenty-first century / Kevin Broughan                                                                     | 圖書   | 數學分館 | 2021    | QA246 .B743    |
| 0423012           | Laurent series rings and related rings / Askar Tuganbaev.                                                                                                                   | 圖書   | 數學分館 | 2020    | QA247 .T84     |
| 0423023           | Leibniz algebras : structure and classification / Shavkat Ayupov, Bakhrom Omirov, Isamiddin Rakhimov.                                                                       | 圖書   | 數學分館 | 2020    | QA252.3 .A98   |
| 0423031           | Probability and random processes / Geoffrey R. Grimmett and David R. Stirzaker.                                                                                             | 圖書   | 數學分館 | 2020    | QA273 .G74     |
| 0425830           | Lecture Notes on Probability Theory / Dmitry Panchenko.                                                                                                                     | 圖書   | 數學分館 | 2022    | QA273.18 .P36  |
| 0425829           | Introduction to Probability Theory / Dmitry Panchenko.                                                                                                                      | 圖書   | 數學分館 | 2019    | QA273.18 .P363 |
| 0423069           | Stochastic analysis of biochemical systems / David F. Anderson, Thomas G. Kurtz.                                                                                            | 圖書   | 數學分館 | 2015    | QA274.2 .A53   |
| 0423038           | Variational methods in nonlinear analysis : with applications in optimization and partial differential equations / Dimitios C. Kravvaritis, Athanasios N. Yannacopoulos.    | 圖書   | 數學分館 | 2020    | QA278 .K665    |
| 0423071           | Functional data analysis with R and MATLAB / J.O. Ramsay, Giles Hooker, Spencer                                                                                             | 圖書   | 數學分館 | 2009    | QA278 .R365    |
| 0423030           | Principles of uncertainty / Joseph B. Kadane.                                                                                                                               | 圖書   | 數學分館 | 2021    | QA279.5 .K355  |
| 0423033           | Riemann-Stieltjes integral inequalities for complex functions defined on unit circle : with applications to unitary operators in Hilbert spaces / Silvestru Sever Dragomir. | 圖書   | 數學分館 | 2020    | QA295 .D736    |

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| 0423016           | An introduction to functional analysis / James C. Robinson, University of Warwick.                                                                              | 圖書   | 數學分館 | 2020 | QA320 .R63    |
| 0427489           | Completeness theorems and characteristic matrix functions : applications to integral and differential operators / Marinus A. Kaashoek, Sjoerd M. Verduyn Lunel. | 圖書   | 數學分館 | 2022 | QA329 .K33    |
| 0423021           | Fixed points of nonlinear operators / Haiyun Zhou and Xiaolong Qin.                                                                                             | 圖書   | 數學分館 | 2020 | QA329.9 .Z46  |
| 0423020           | Extension of holomorphic functions / Marek Jarnicki, Peter Pflug.                                                                                               | 圖書   | 數學分館 | 2020 | QA331 .J37    |
| 0423037           | Theta functions, elliptic functions and [pi] / Heng Huat Chan.                                                                                                  | 圖書   | 數學分館 | 2020 | QA345 .C43    |
| 0423013           | Special functions and analysis of differential equations / edited by Praveen Agarwal, Ravi P. Agarwal, Michael Ruzhansky.                                       | 圖書   | 數學分館 | 2021 | QA371 .S64    |
| 0423024           | Lie symmetry analysis of fractional differential equations / Mir Sajjad Hashemi and                                                                             | 圖書   | 數學分館 | 2020 | QA372 .H37    |
| 0423028           | Partial differential equations : analytical models and applications / Victor Henner, Tatyana Belozeroval, Alexander Nepomnyashchy.                              | 圖書   | 數學分館 | 2020 | QA374 .H47    |
| 0423029           | Partial differential equations : classical theory with a modern touch / A.K. Nandakumaran, P. S. Datti                                                          | 圖書   | 數學分館 | 2020 | QA374 .N365   |
| 0427518           | Analytic partial differential equations / François Trèves.                                                                                                      | 圖書   | 數學分館 | 2022 | QA374 .T684   |
| 0423008           | Semilinear elliptic equations : classical and modern theories / Takashi Suzuki.                                                                                 | 圖書   | 數學分館 | 2020 | QA377 .S99    |
| 0423036           | The structure of compact groups : a primer for the student, a handbook for the expert / Karl H. Hofmann, Sidney A. Morris.                                      | 圖書   | 數學分館 | 2020 | QA387 .H636   |
| 0425838           | Basic lessons on isometries, similarities and inversions in the Euclidean plane : a synthetic approach / Ioannis Markos Roussos, Hamline University, USA.       | 圖書   | 數學分館 | 2022 | QA455 .R68    |
| 0423015           | Algebraic surfaces in positive characteristics : purely inseparable phenomena in curves and surfaces / Masayoshi Miyanishi, Hiroyuki Ito.                       | 圖書   | 數學分館 | 2021 | QA571 .M573   |
| 0425842           | Collapsing K3 surfaces, tropical geometry and moduli compactifications of Satake, Morgan-Shalen type / Yuji Odaka and Yoshiki Oshima.                           | 圖書   | 數學分館 | 2021 | QA582 .O43    |
| 0425837           | Elementary topology and applications / Carlos R. Borges, University of California, Davis,                                                                       | 圖書   | 數學分館 | 2021 | QA611 .B652   |
| 0423018           | An introduction to metric spaces / Dhananjay Gopal, Aniruddha Deshmukh, Abhay S. Ranadive, Shubham Yadav.                                                       | 圖書   | 數學分館 | 2021 | QA611.28 .G65 |
| 0425841           | Algebraic topology : a structural introduction / Marco Grandis, Università di Genova, Italy.                                                                    | 圖書   | 數學分館 | 2022 | QA612 .G677   |
| 0425835           | Lectures on algebraic topology / Haynes Miller, Massachusetts Institute of Technology,                                                                          | 圖書   | 數學分館 | 2022 | QA612 .M5215  |

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| 0425840           | Homology, cohomology, and sheaf cohomology for algebraic topology, algebraic geometry, and differential geometry / Jean Gallier, Jocelyn Quaintance.                                                                                                               | 圖書   | 數學分館 | 2022     | QA612.3 .G35     |
| 0423009           | Singular intersection homology / Greg Friedman                                                                                                                                                                                                                     | 圖書   | 數學分館 | 2020     | QA612.32 .F75    |
| 0425839           | Fiber bundles and homotopy / Dai Tamaki, Shinshu University, Japan.                                                                                                                                                                                                | 圖書   | 數學分館 | 2021     | QA612.6 .T36     |
| 0423019           | Complex algebraic foliations / Alcides Lins Neto, Bruno Scárdua.                                                                                                                                                                                                   | 圖書   | 數學分館 | 2020     | QA613.62 .C66    |
| 0423070           | Dynamical systems with applications using MATLAB / Stephen Lynch.                                                                                                                                                                                                  | 圖書   | 數學分館 | 2014     | QA614.8 .L97     |
| 0423035           | Spectral geometry of partial differential operators / Michael Ruzhansky, Makhmud Sadybekov, Durvudkhan Suragan.                                                                                                                                                    | 圖書   | 數學分館 | 2020     | QA614.95 .R89    |
| 0427519           | Combinatorial convexity / Imre Bárány.                                                                                                                                                                                                                             | 圖書   | 數學分館 | 2021     | QA640 .B37       |
| 0423005           | Introduction to Lorentz geometry : curves and surfaces / Ivo Terek Couto, Alexandre                                                                                                                                                                                | 圖書   | 數學分館 | 2021     | QA641 .C65       |
| 0427110           | Surveys in 3-manifold topology and geometry / Ian Agol and David Gabai, editors.                                                                                                                                                                                   | 圖書   | 數學分館 | v.25     | QA641 .S84       |
| 0425836           | Differential geometry of curves and surfaces with singularities / Masaaki Umehara, Tokyo Institute of Technology, Japan; Kentaro Saji, Kobe University, Japan; Kotaro Yamada, Tokyo Institute of Technology, Japan ; translated by Wayne Rossman, Kobe University, | 圖書   | 數學分館 | 2022     | QA641 .U4413     |
| 0425512           | Differential geometry and Tanaka theory : differential system and hypersurface theory / Shōda, Toshihiro, editor.; Shibuya, Kazuhiro, editor.                                                                                                                      | 圖書   | 數學分館 | 2019     | QA670 .D54       |
| 0423034           | Non-linear differential equations and dynamical systems / L.M.B.C. Campos.                                                                                                                                                                                         | 圖書   | 數學分館 | 2020     | QA931 .C36       |
| 0423022           | Lectures on quantum mechanics : a primer for mathematicians / Philip L. Bowers                                                                                                                                                                                     | 圖書   | 數學分館 | 2020     | QC174.24.N64 B69 |
| 0423007           | Kinetic Equations / Alexander V. Bobylev.                                                                                                                                                                                                                          | 圖書   | 數學分館 | v.1 2020 | QC175.3 .B63     |
| 0425522           | Reaction kinetics : exercises, programs and theorems : Mathematica for deterministic and stochastic kinetics / Tóth, János                                                                                                                                         | 圖書   | 數學分館 | 2018     | QD502 .T6814     |
| 0423068           | Stochastic processes in cell biology / Paul C. Bressloff.                                                                                                                                                                                                          | 圖書   | 數學分館 | 2014     | QH324.2 .B74     |
| 0425521           | Molecular dynamics : with deterministic and stochastic numerical methods / Leimkuhler,                                                                                                                                                                             | 圖書   | 數學分館 | 2015     | QP517.M65 L45    |
| 0423025           | Linear differential equations and oscillators / Luis Manuel Braga da Costa Campos.                                                                                                                                                                                 | 圖書   | 數學分館 | 2020     | TJ208 .C36       |