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New Arrivals

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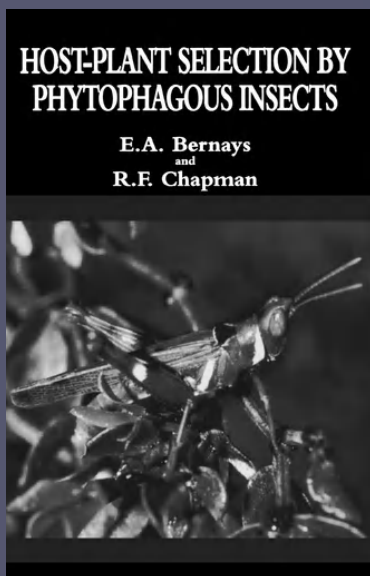


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# TABLE OF SUBJECTS

- 3** — Biological Sciences
- 4** — Chemical Sciences
- 7** — Computer Sciences
- 10** — Earth & Planetary Sciences
- 10** — Humanities and Social Sciences
- 13** — Mathematical Sciences
- 20** — Physical Sciences

01



## Host-plant selection by phytophagous insects

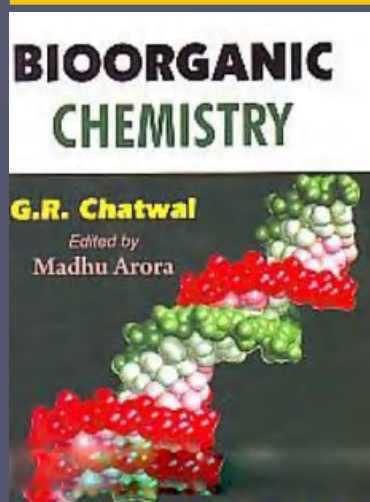
Author: Bernays, E. A. ; Chapman, R. F

Accession Number: 25579

Call Number: 595.7 BER-H

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02



## Bioorganic chemistry

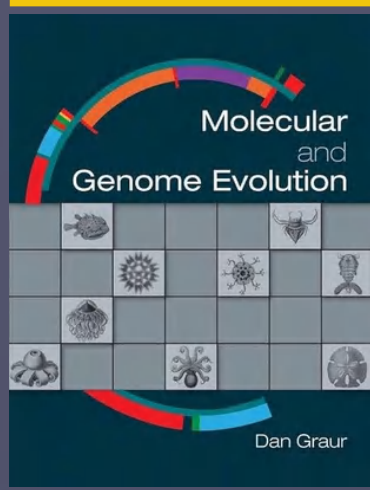
Author: Chatwal, G.R.

Accession Number: 25581

Call Number: 577.1 CHA-B

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03



## Molecular and genome evolution

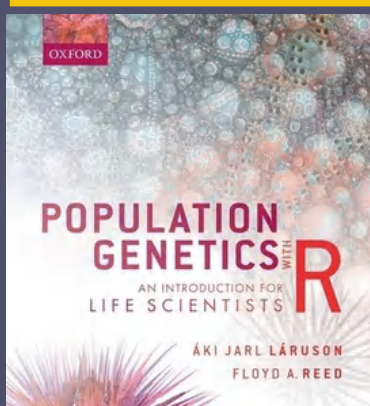
Author: Graur, Dan

Accession Number: 25590

Call Number: 577.21 GRA-M

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04



## Population genetics with R: an introduction for life scientists

Author: Láruson, Áki Jarl ; Reed, Floyd A

Accession Number: 25595

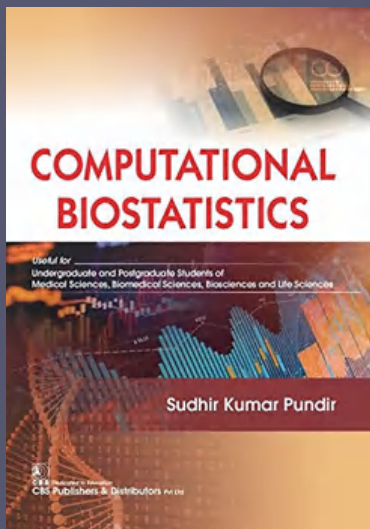
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# Biological Sciences



05



## Computational biostatistics

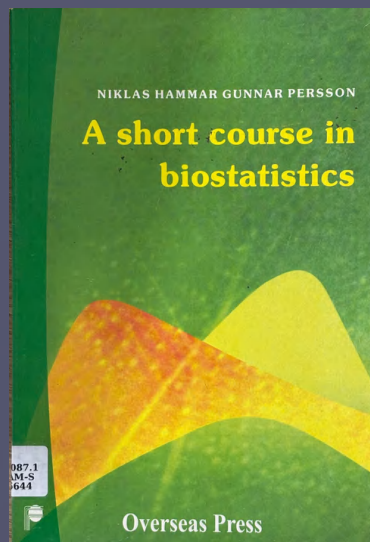
Author: Pundir, Sudhir Kumar

Accession Number: 25621

Call Number: 57.087.1 PUN-C

OPAC Link: [Click here](#) Location: Central Library

06



## Short course in biostatistics

Author: Hammar, Niklas

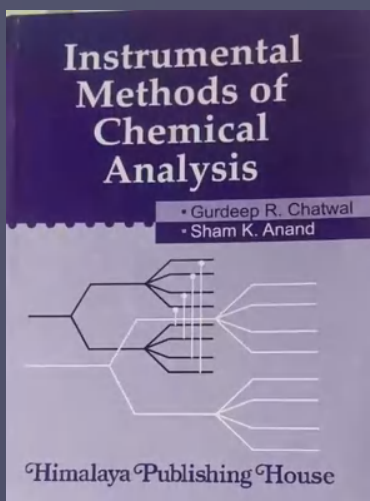
Accession Number: 25644

Call Number: 57.087.1 HAM-S

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# Chemical Sciences

01



## Instrumental methods of chemical analysis

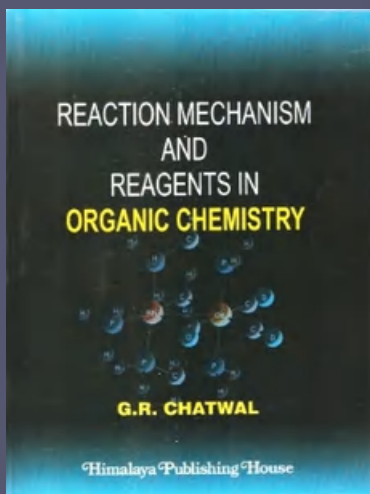
Author: Chatwal, Gurdeep R.

Accession Number: 25582

Call Number: 543 CHA-I

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02



## Reaction mechanism and reagents in organic chemistry

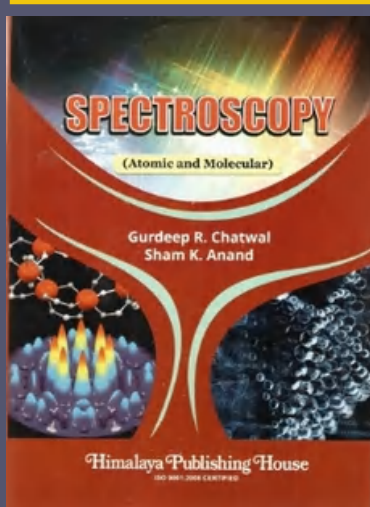
Author: Chatwal, G.R.

Accession Number: 25583

Call Number: 547 CHA-R

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03



## Spectroscopy: atomic and molecular

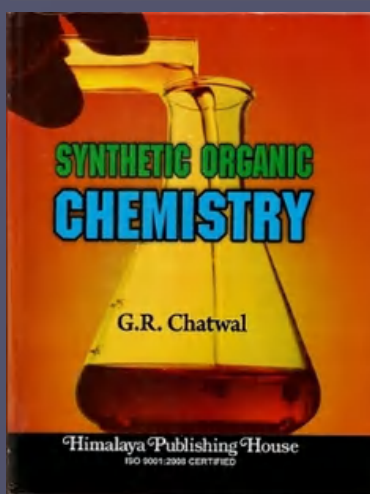
Author: Chatwal, Gurdeep R.

Accession Number: 25584

Call Number: 543.42 CHA-S

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## Synthetic organic chemistry

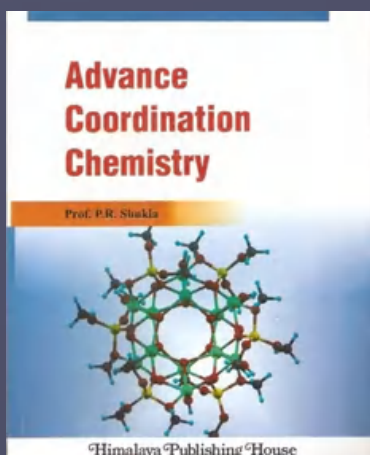
Author: Chatwal, G.R.

Accession Number: 25585

Call Number: 547 CHA-T

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05



## Advance coordination chemistry

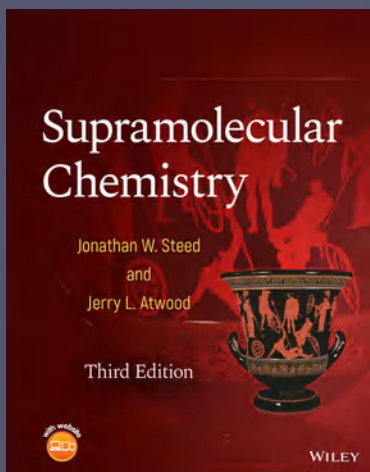
Author: Shukla, P.R.

Accession Number: 25604

Call Number: 544.14 SHU-A

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## Supramolecular chemistry

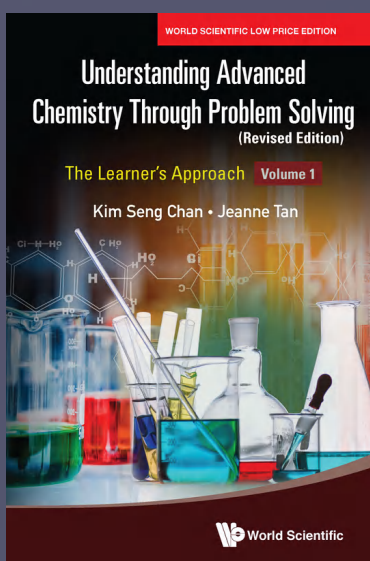
Author: Steed, Jonathan W.

Accession Number: 25609

Call Number: 547 STE-S

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## Understanding advanced chemistry through problem solving: the learner's approach, volume 1

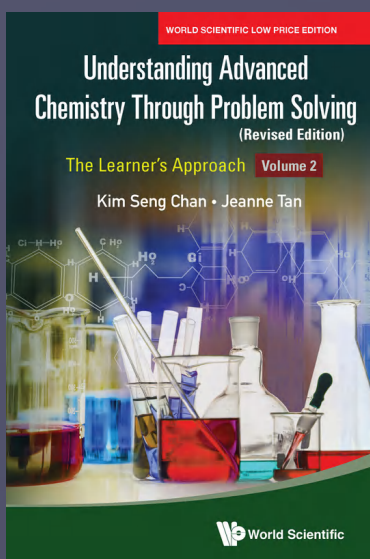
Author: Chan, Kim Seng

Accession Number: 25622

Call Number: 54 CHA-U

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08



## Understanding advanced chemistry through problem solving: the learner's approach, volume 2

Author: Chan, Kim Seng

Accession Number: 25623

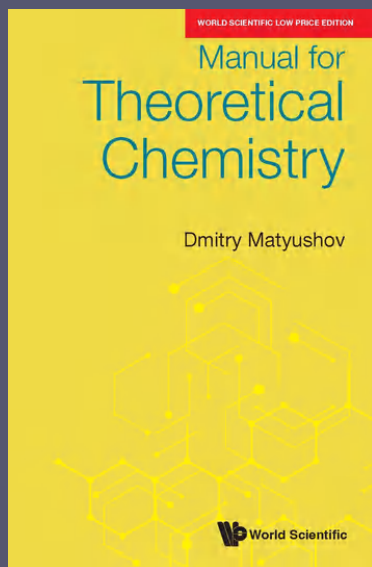
Call Number: 54 CHA-U

OPAC Link: [Click here](#) Location: Central Library

# Chemical Sciences



09



## Manual for theoretical chemistry

Author: Matyushov, Dmitry

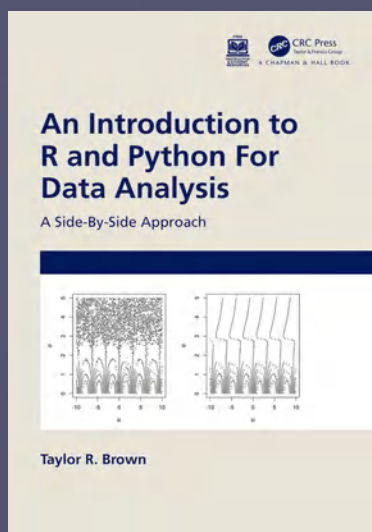
Accession Number: 25624

Call Number: 544 MAT-M

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# Computer Sciences

01



## Introduction to R and Python for data analysis: a side by side approach

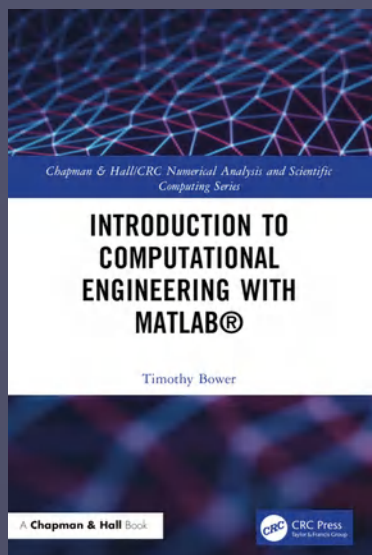
Author: Brown, Taylor R.

Accession Number: 25645

Call Number: 004.43 BRO-I

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02



## Introduction to computational engineering with MATLAB

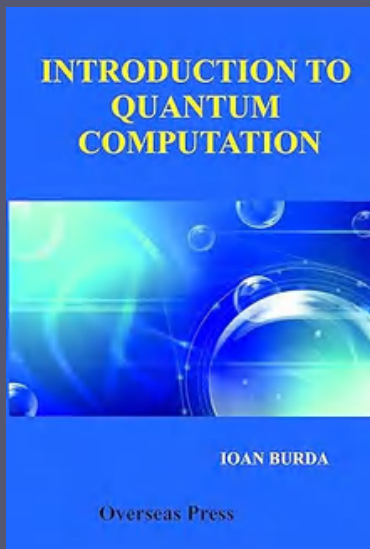
Author: Bower, Timothy

Accession Number: 25647

Call Number: 004.41:62 BOW-I

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03



## Introduction to quantum computation

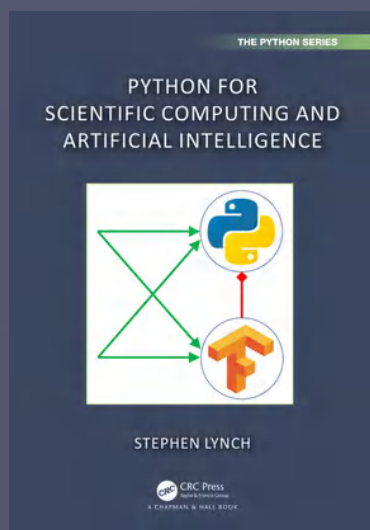
Author: Burda, Ioan

Accession Number: 25652

Call Number: 004.42 BUR-I

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## Python for scientific computing and artificial intelligence

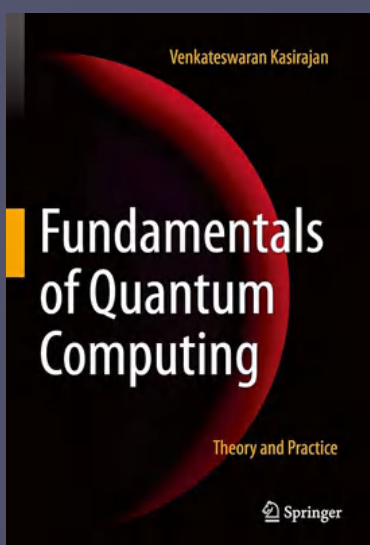
Author: Lynch, Stephen

Accession Number: 25653

Call Number: 004.43 LYN-P

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## Fundamentals of quantum computing: theory and practice

Author: Kasirajan, Venkateswaran

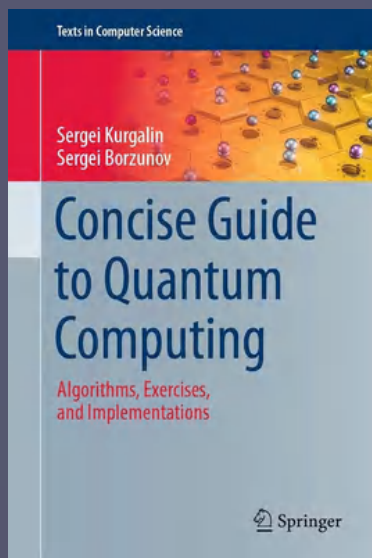
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## Concise guide to quantum computing: algorithms, exercises, and implementations

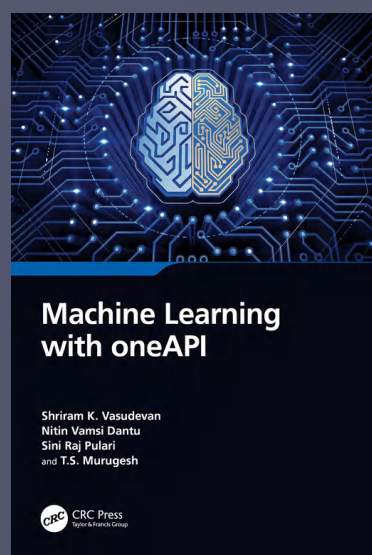
Author: Kurgalin, Sergei ; Borzunov, Sergei

Accession Number: 25655

Call Number: 004.5 KUR-G

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## Machine learning with oneAPI

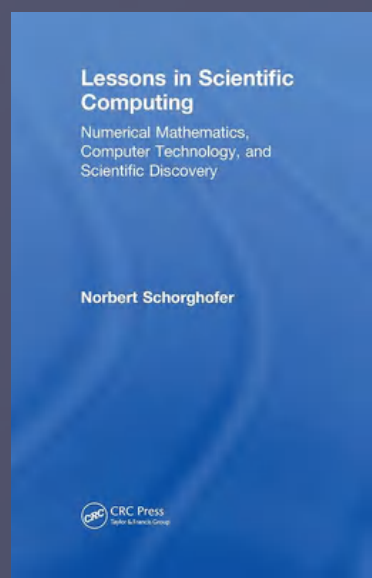
Author: Vasudevan, Shiram K ; Dantu, Nitin Vamsi ; Pulari, Sini Raj ; Murugesh, T. S

Accession Number: 25656

Call Number: 004.85 VAS-M

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## Lessons in scientific computing: numerical mathematics, computer technology, and scientific discovery

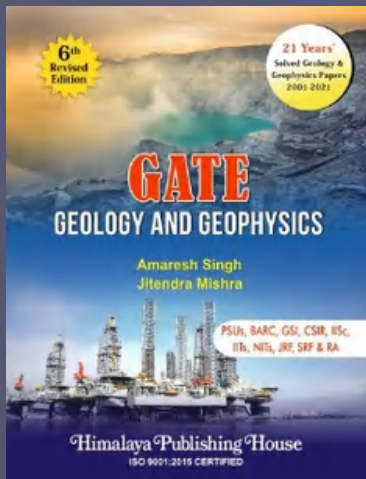
Author: Schorghofer, Norbert

Accession Number: 25657

Call Number: 004 SCH-L

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01



## GATE: geology & geophysics

Author: Singh, Amaresh

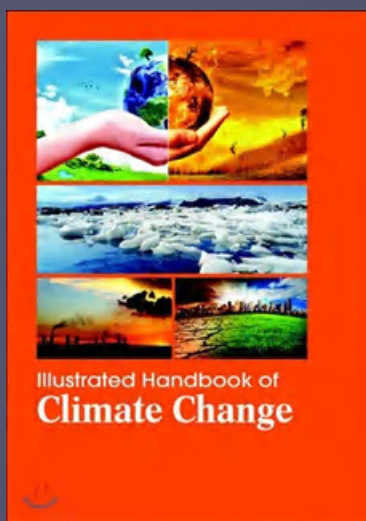
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## Humanities and Social Sciences

01



## Illustrated handbook of climate change

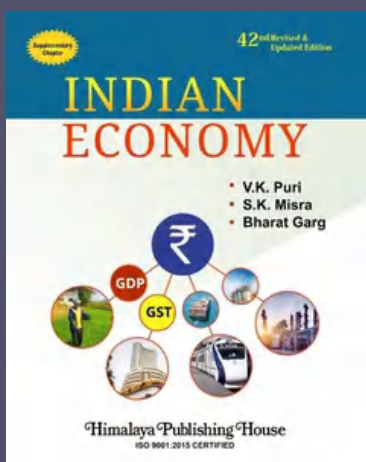
Author: 3G E-Learning LLC

Accession Number: 25577

Call Number: 551.583 ILL

OPAC Link: [Click here](#) Location: Central Library

02



## Indian economy

Author: Puri, V.K.

Accession Number: 25602

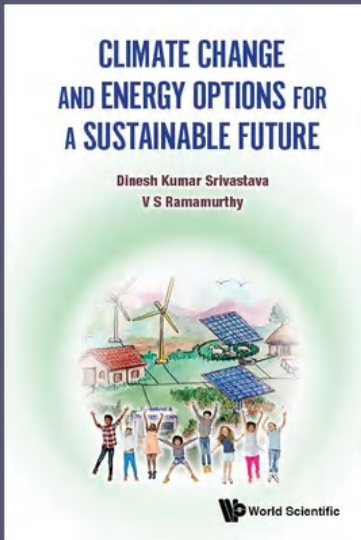
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# Humanities and Social Sciences



03



## Climate change and energy options for a sustainable future

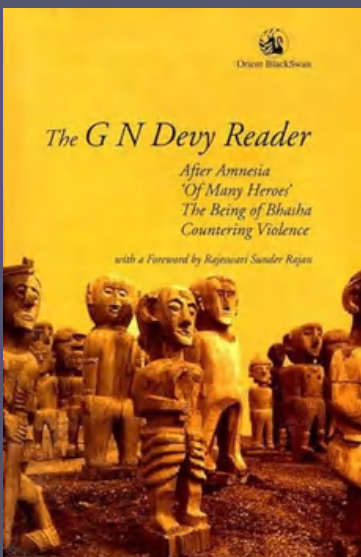
Author: Srivastava, Dinesh Kumar

Accession Number: 25606

Call Number: 364.68 SRI-C

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04



## G N Devy reader

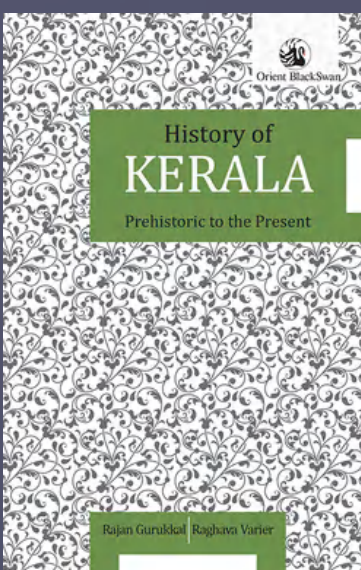
Author: Devy, G. N.

Accession Number: 25625

Call Number: 94=21 DEV-G

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05



## History of Kerala: prehistoric to the present

Author: Gurukkal, Rajan

Accession Number: 25626

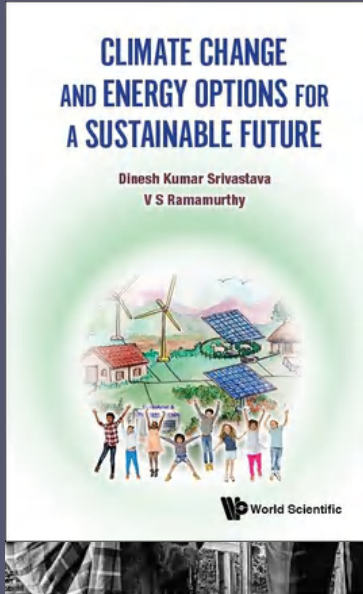
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# Humanities and Social Sciences



06



## Identity and marginality in Northeast India: challenges for social science research

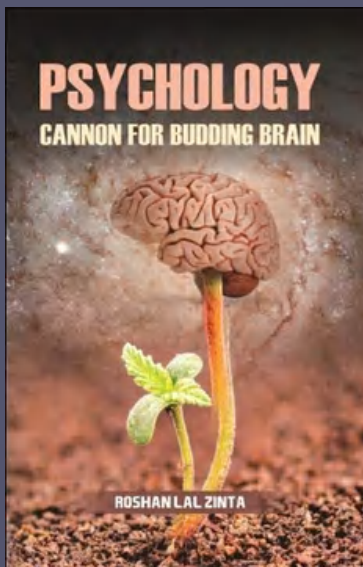
Author: Sitlhou, Hoineilhing

Accession Number: 25627

Call Number: 316.347(540) SIT-I

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07



## Psychology: cannon for budding brain

Author: Zinta, Roshan Lal

Accession Number: 25635

Call Number: 159.9 ZIN-P

OPAC Link: [Click here](#) Location: Central Library

08



## Morality and mathematics

Author: Clarke-Doane, Justin

Accession Number: 25636

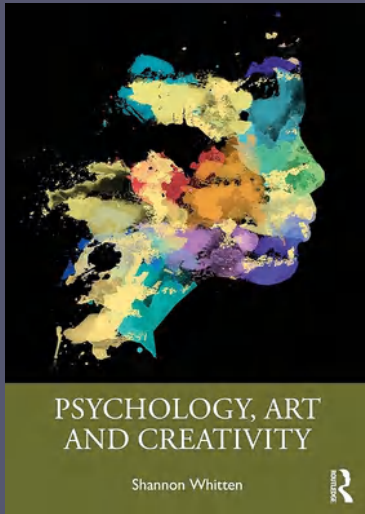
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# Humanities and Social Sciences



09



## Psychology, art and creativity

Author: Whitten, Shannon

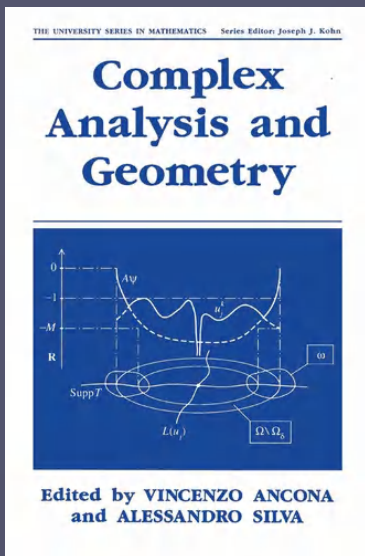
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# Mathematical Sciences

01



## Complex analysis and geometry

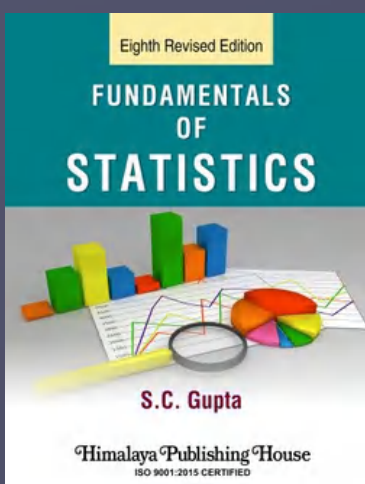
Author: Ancona, Vincenzo ; Silva, Alessandro

Accession Number: 25578

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02



## Fundamentals of statistics

Author: Gupta, S.C.

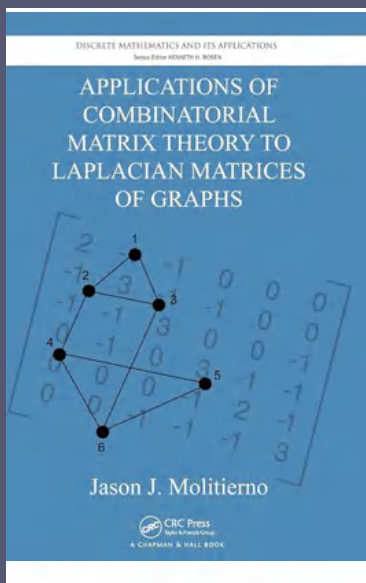
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# Mathematical Sciences

03



## Coding theory and cryptography: the essentials

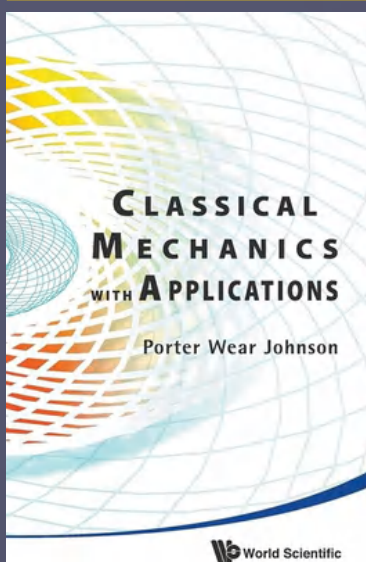
Author: Hankerson, D. R ; Hoffman, D. G ; Leonard, D.A ; Lindner, C. C ; Phelps, K.T ; Rodger, C.A ; Wall, J.R

Accession Number: 25593

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## Classical mechanics with applications

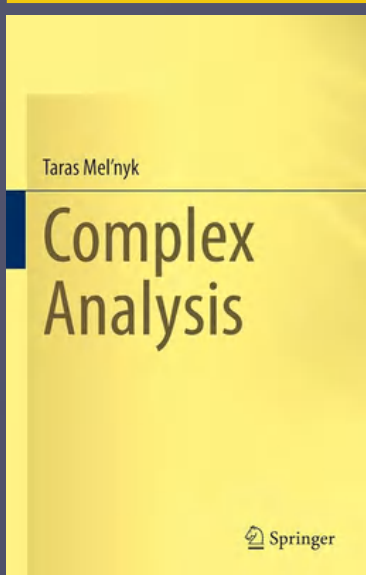
Author: Johnson, Porter Wear

Accession Number: 25594

Call Number: 531 JOH-C

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05



## Complex analysis

Author: Mel'nyk, Taras

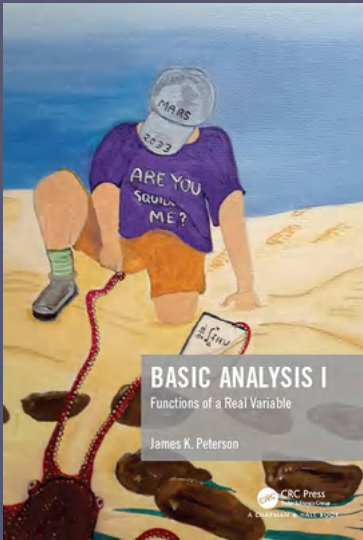
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# Mathematical Sciences

06



## Basic analysis I: functions of a real variable

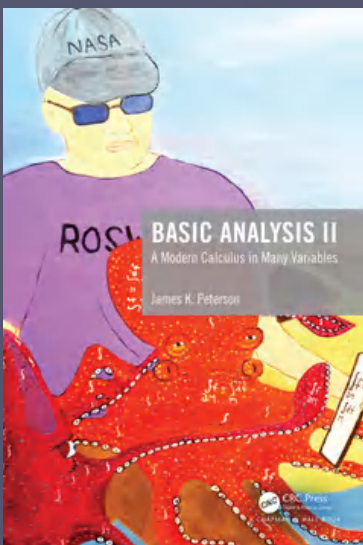
Author: Peterson, James K.

Accession Number: 25597

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## Basic analysis II: a modern calculus in many variables

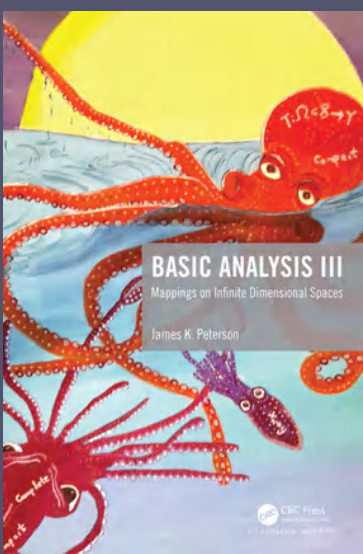
Author: Peterson, James K.

Accession Number: 25598

Call Number: 517 PET-B

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## Basic analysis III: mappings on infinite dimensional spaces

Author: Peterson, James K.

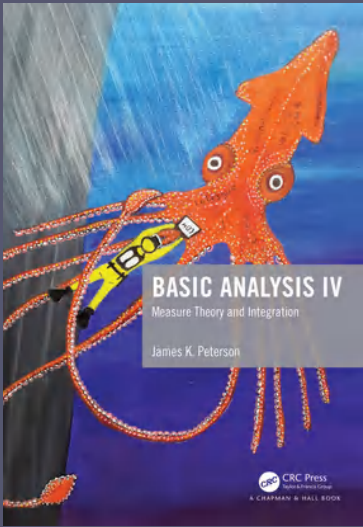
Accession Number: 25599

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# Mathematical Sciences

09



## Basic analysis IV: measure theory and integration

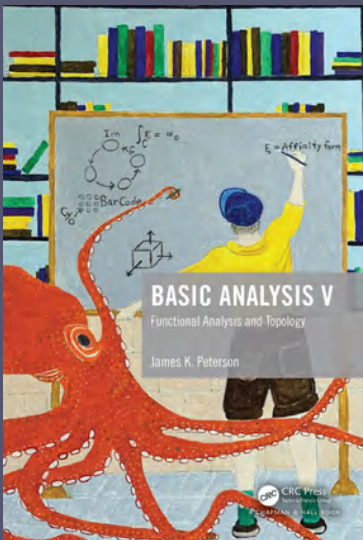
Author: Peterson, James K.

Accession Number: 25600

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## Basic analysis V: functional analysis and topology

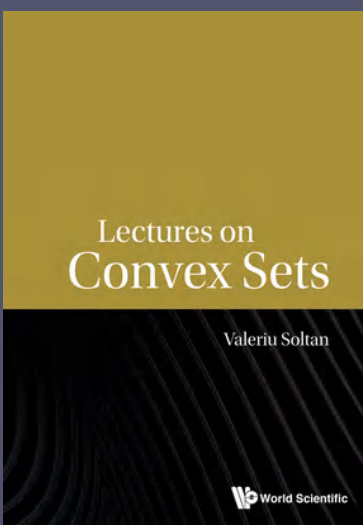
Author: Peterson, James K.

Accession Number: 25601

Call Number: 517 PET-B

OPAC Link: [Click here](#) Location: Central Library

11



## Lectures on convex sets

Author: Soltan, Valeriu

Accession Number: 25607

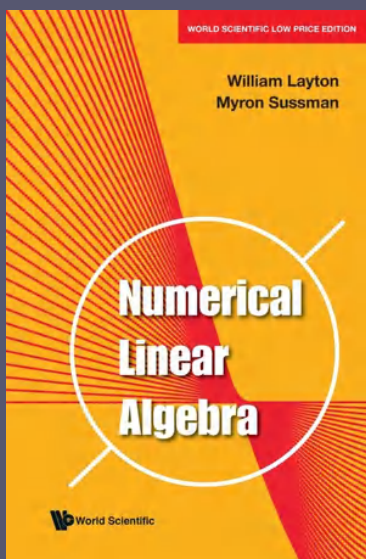
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# Mathematical Sciences

12



## Numerical linear algebra

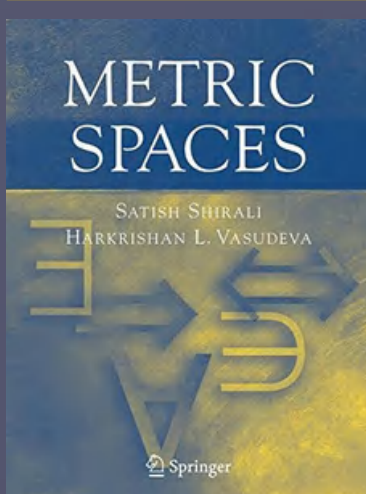
Author: Layton, William

Accession Number: 25613

Call Number: 512.64 LAY-N

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13



## Metric spaces

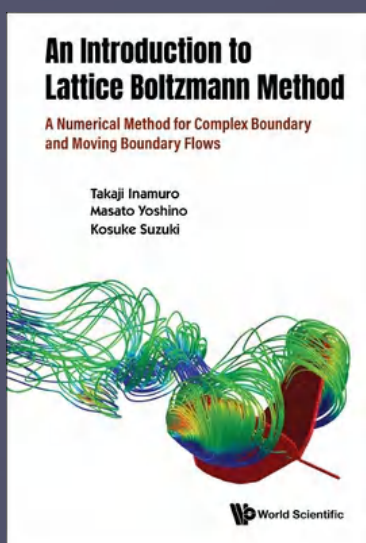
Author: Shirali, Satish

Accession Number: 25614

Call Number: 515.124 SHI-M

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## Introduction to the Lattice Boltzmann method: a numerical method for complex boundary and moving boundary flows

Author: Inamuro, Takaji

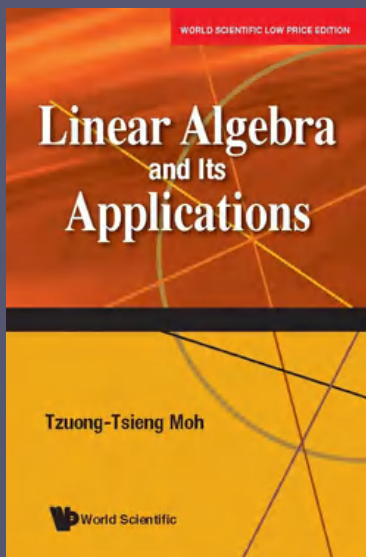
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# Mathematical Sciences

15



## Linear algebra and its applications

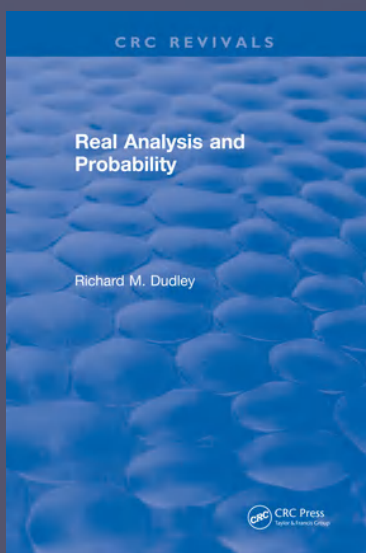
Author: Moh, Tzuong-Tsieng

Accession Number: 25616

Call Number: 512.64 MOH-L

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16



## Real analysis and probability

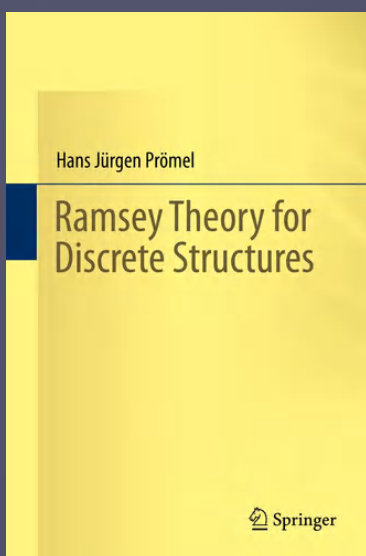
Author: Dudley, Richard M.

Accession Number: 25634

Call Number: 517.51 DUD-R

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17



## Ramsey theory for discrete structures

Author: Prömel, Hans Jürgen

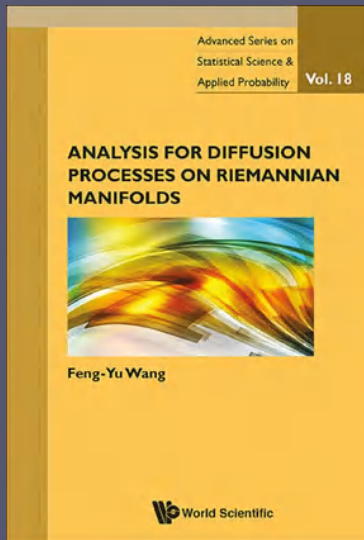
Accession Number: 25641

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# Mathematical Sciences

18



## Analysis for diffusion processes on Riemannian manifolds

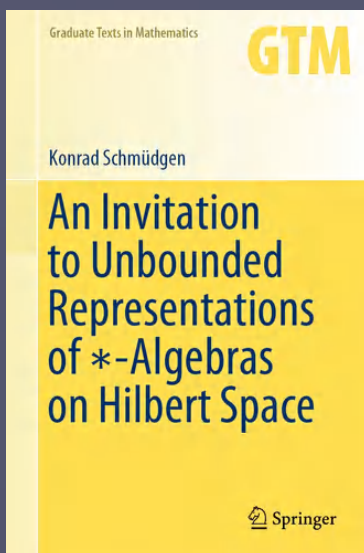
Author: Wang, Feng-Yu

Accession Number: 25643

Call Number: 514.12 WAN-A

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19



## Invitation to unbounded representations of $*$ -algebras on hilbert space

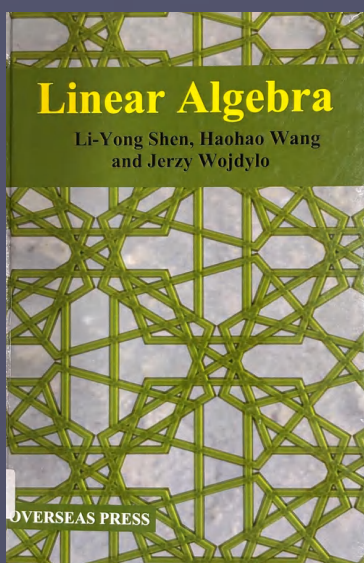
Author: Schmüdgen, Konrad

Accession Number: 25646

Call Number: 512.5 SCH-I

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20



## Linear algebra

Author: Shen, Li-Yong

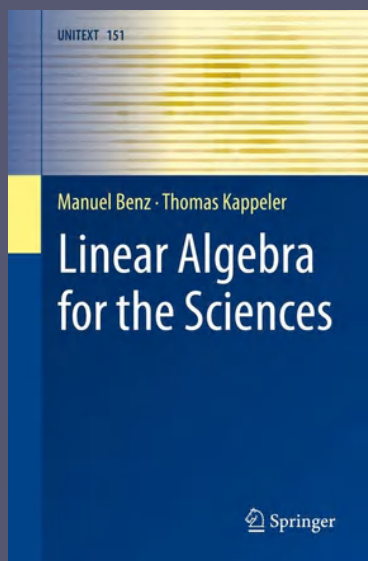
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# Mathematical Sciences

21



## Linear algebra for the sciences

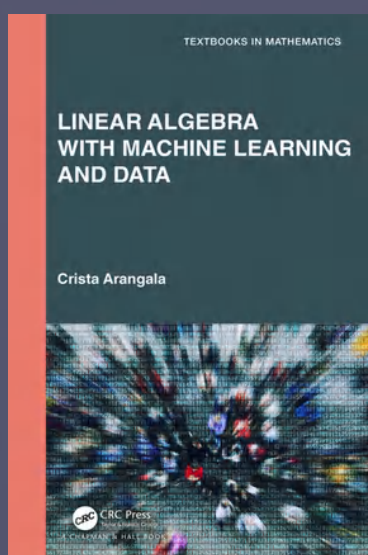
Author: Benz, Manuel

Accession Number: 25649

Call Number: 512.64 BEN-L

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## Linear algebra with machine learning and data

Author: Arangala, Crista

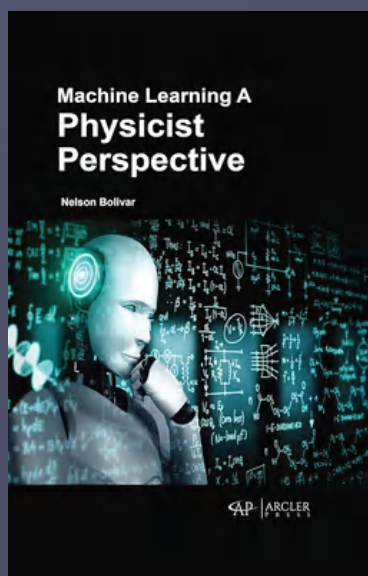
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# Physical Sciences

01



## Machine learning: a physicist perspective

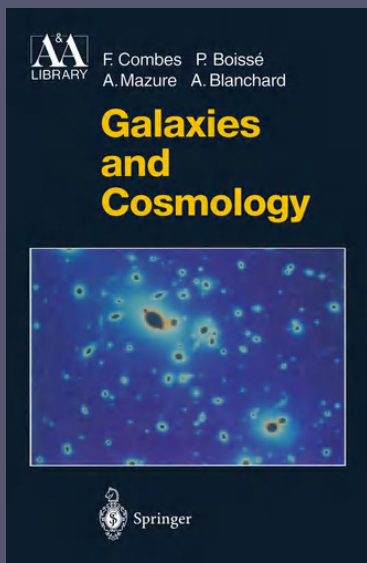
Author: Bolivar, Nelson

Accession Number: 25580

Call Number: 53:004.85 BOL-M

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02



## Galaxies and cosmology

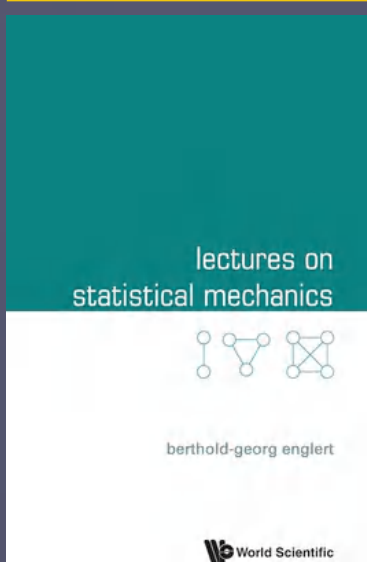
Author: Combes, Francoise ; Boissé, Patrick ; Mazure, Alain ; Blanchard, Alain

Accession Number: 25587

Call Number: 524.6 COM-B

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## Lectures on statistical mechanics

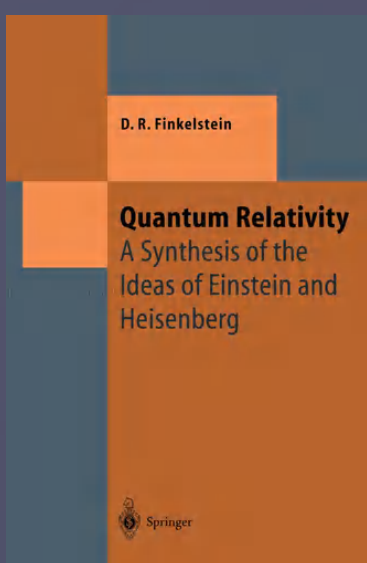
Author: Englert, Berthold-Georg

Accession Number: 25588

Call Number: 531.19 ENG-L

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## Quantum relativity: a synthesis of the ideas of Einstein and Heisenberg

Author: Finkelstein, David Ritz

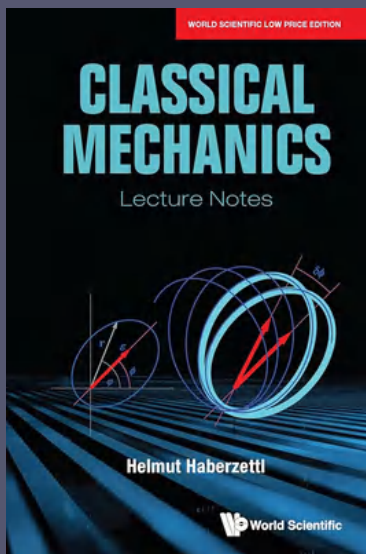
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# Physical Sciences

05



## Classical Mechanics: lecture notes

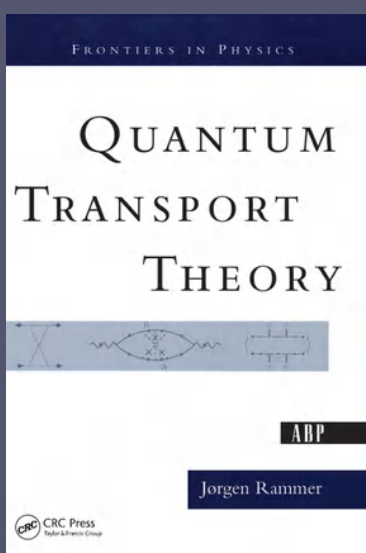
Author: Haberzettl, Helmut

Accession Number: 25592

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## Quantum transport theory

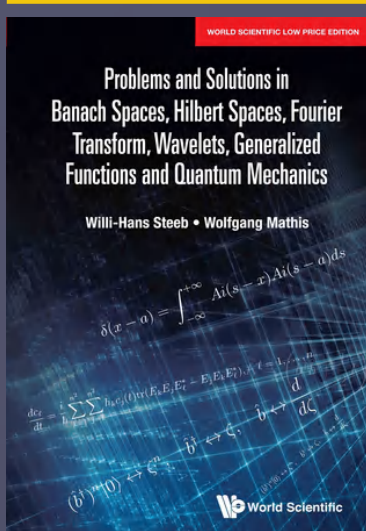
Author: Rammer, Jørgen

Accession Number: 25603

Call Number: 530.145 RAM-Q

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## Problems and solutions in banach spaces, hilbert spaces, fourier transform, wavelets, generalized functions and quantum mechanics

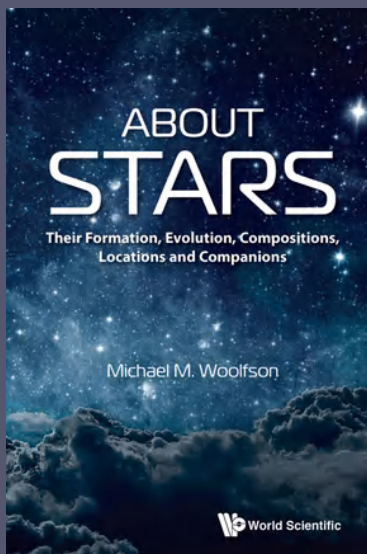
Author: Steeb, Willi-Hans

Accession Number: 25608

Call Number: 530.14 STE-P

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## About stars: their formation, evolution, compositions, locations and companions

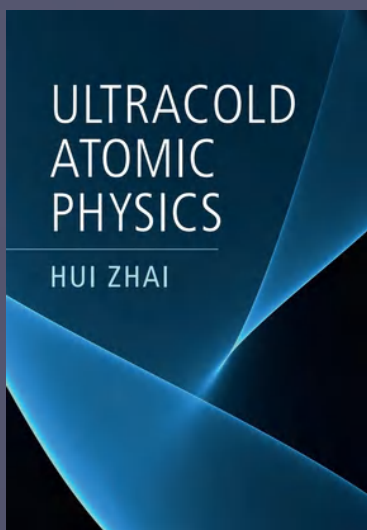
Author: Woolfson, Michael M.

Accession Number: 25610

Call Number: 524 WOO-A

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## Ultracold atomic physics

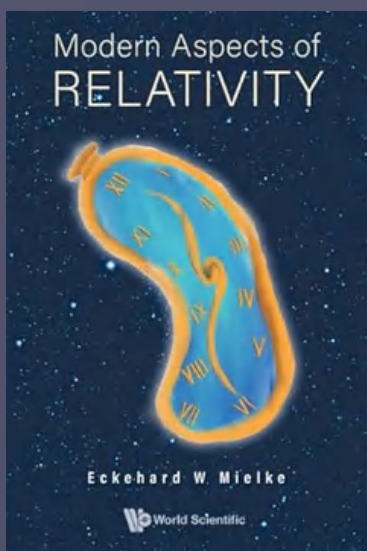
Author: Zhai, Hui

Accession Number: 25611

Call Number: 539.1 ZHA-U

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## Modern aspects of relativity

Author: Mielke, Eckehard W.

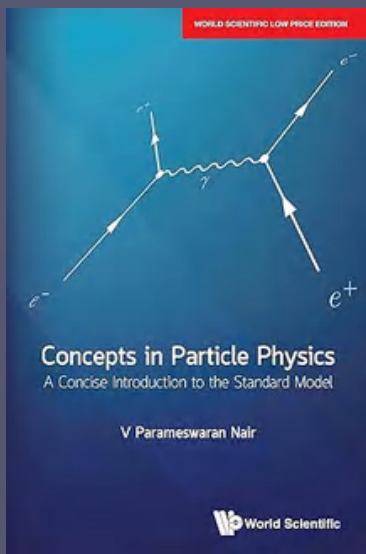
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## Concepts in particle physics: a concise introduction to the standard model

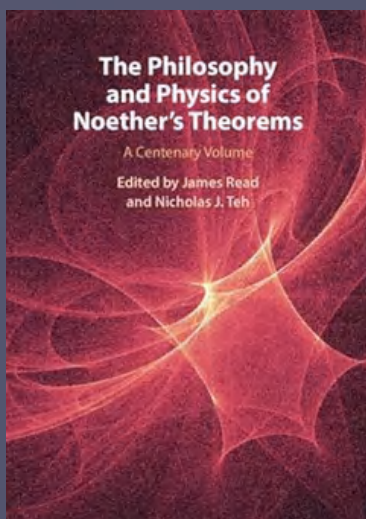
Author: Nair, V. Parameswaran

Accession Number: 25620

Call Number: 539.1 NAI-C

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## Philosophy and physics of Noether's theorems: a centenary volume

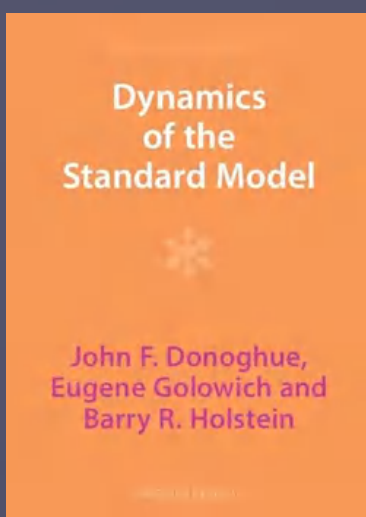
Author: Read, James [ed.] ; Teh, Nicholas J [ed.]

Accession Number: 25631

Call Number: 539.1 REA-P

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## Dynamics of the standard model

Author: Donoghue, John F.

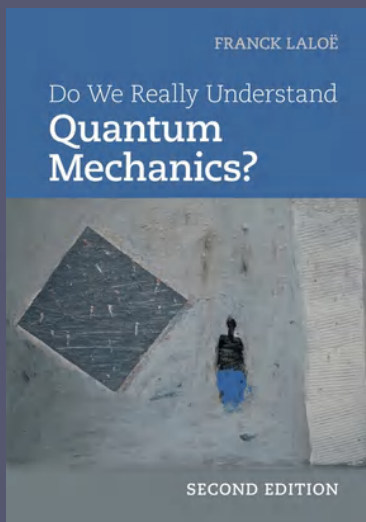
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## Do we really understand quantum mechanics?

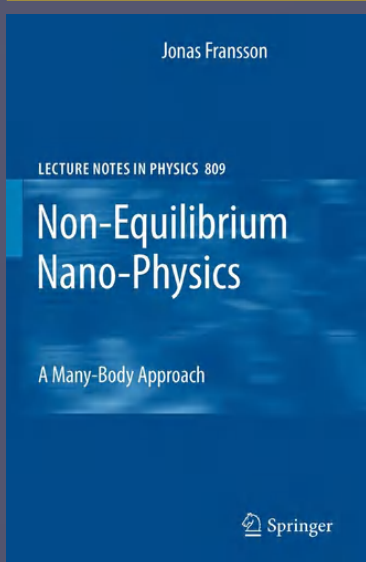
Author: Laloë, Franck

Accession Number: 25633

Call Number: 530.145 LAL-D

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## Non-equilibrium nano-physics: a many-body approach

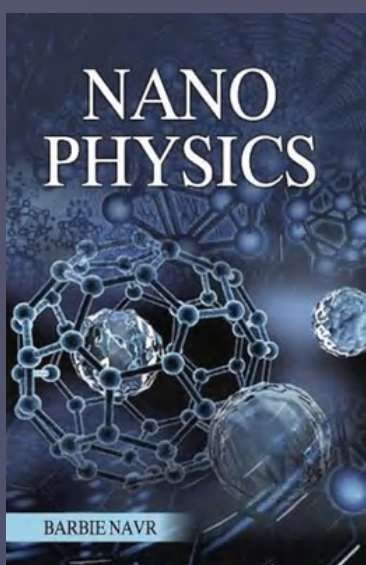
Author: Fransson, Jonas

Accession Number: 25637

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## Nano physics

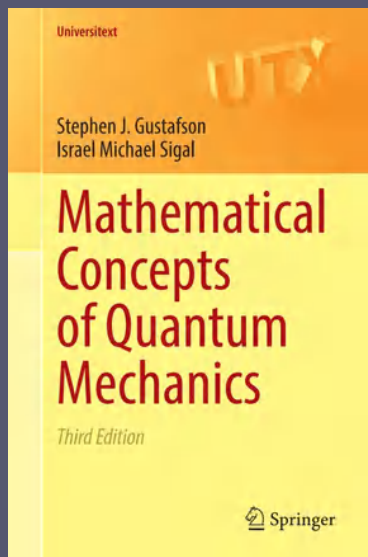
Author: Navr, Barbie [ed.]

Accession Number: 25642

Call Number: 620.3 NAV-N

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## Mathematical concepts of quantum mechanics

Author: Gustafson, Stephen J.

Accession Number: 25651

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