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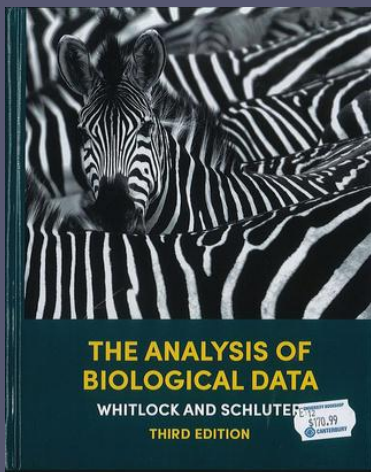
28

Physical Sciences

Biological Sciences



01



Analysis of biological data

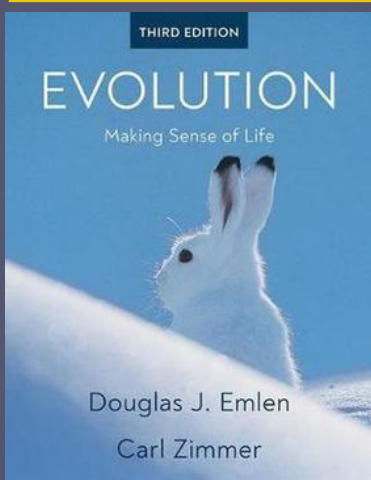
Author: Whitlock, Michael C.; Schluter, Dolph

Accession Number: 25779

Call Number: 57.087.1 WHI-A

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

02



Evolution: making sense of life

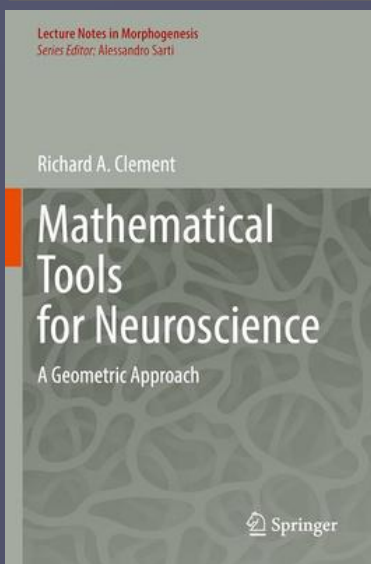
Author: Emlen, Douglas J.; Zimmer, Carl

Accession Number: 25780

Call Number: 575.8 EML-E

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

03



Mathematical tools for neuroscience: a geometric approach

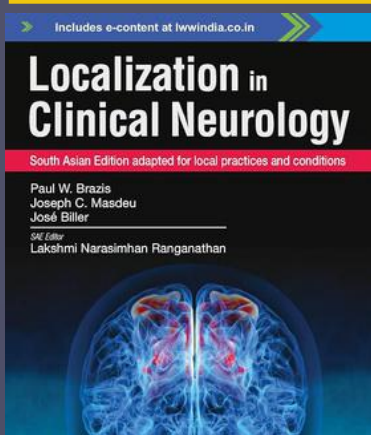
Author: Clement, Richard A.

Accession Number: 25802

Call Number: 616.8:514 CLE-M

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04



Localization in clinical neurology

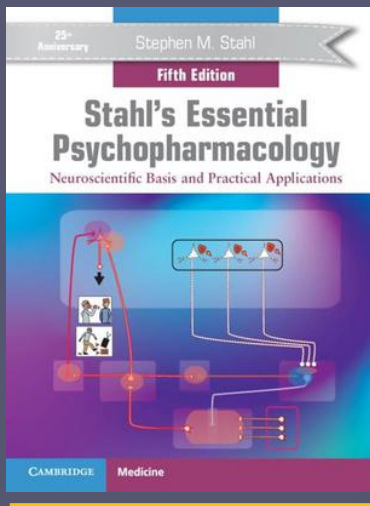
Author: Brazis, Paul W.

Accession Number: 25809

Call Number: 616.8 BAR-L

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05



Stahl's essential psychopharmacology: neuroscientific basis and practical applications

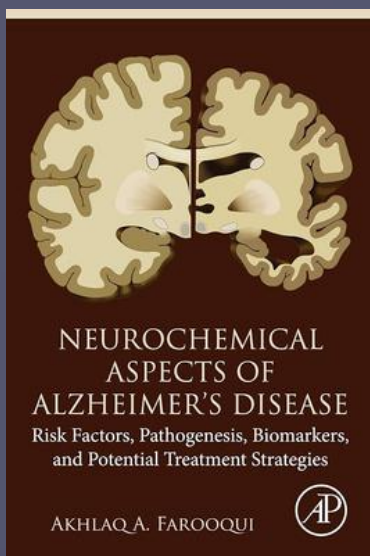
Author: Stahl, Stephen M.

Accession Number: 25810

Call Number: 616.89 STA-S

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06



Neurochemical aspects of alzheimer's disease: risk factors, pathogenesis, biomarkers, and potential treatment strategies

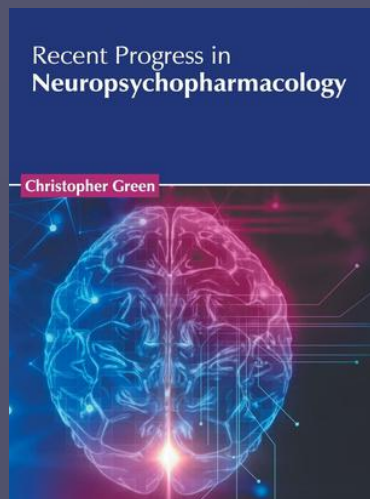
Author: Farooqui, Akhlaq A.

Accession Number: 25811

Call Number: 616.8 FAR-N

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07



Recent progress in neuropsychopharmacology

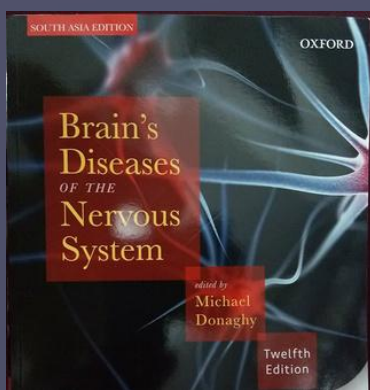
Author: Green, Christopher

Accession Number: 25812

Call Number: 616.8 GRE-R

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Brain's diseases of the nervous system

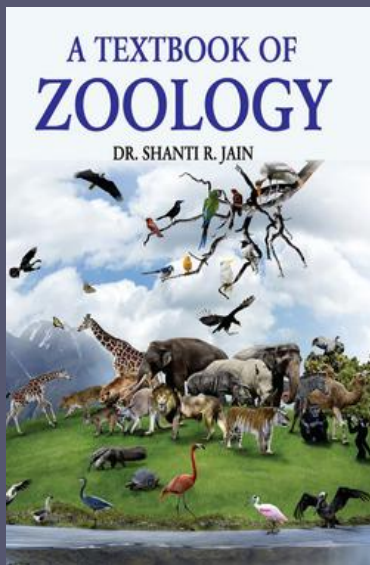
Author: Donaghy, Michael

Accession Number: 25813

Call Number: 616.8 DON-B

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09



Textbook of zoology

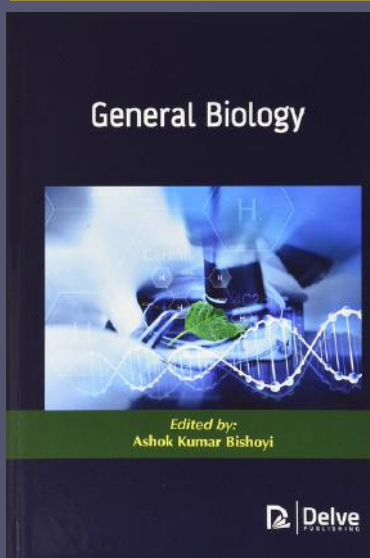
Author: Jain, Shanti R.

Accession Number: 25826

Call Number: 591 JAI-T

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10



General biology

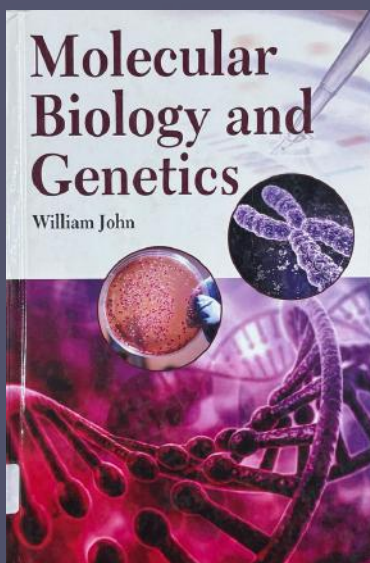
Author: Bishoyi, Ashok Kumar

Accession Number: 25827

Call Number: 57 BIS-G

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Molecular biology and genetics

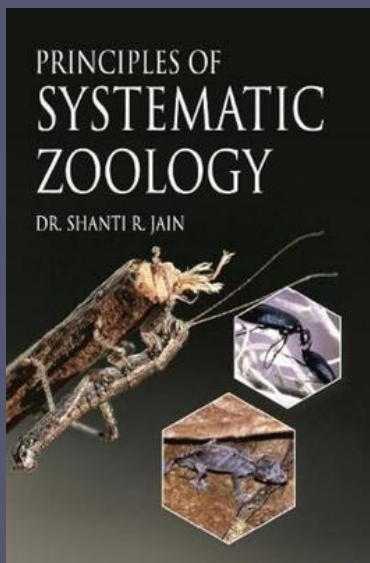
Author: John, William

Accession Number: 25828

Call Number: 577.2 JOH-M

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12



Principles of systematic zoology

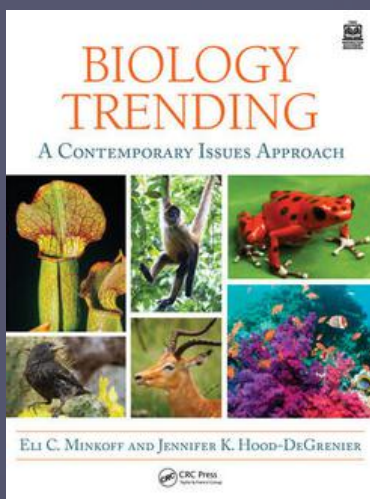
Author: Jain, Shanti R.

Accession Number: 25829

Call Number: 591 JAI-P

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Biology trending: a contemporary issues approach

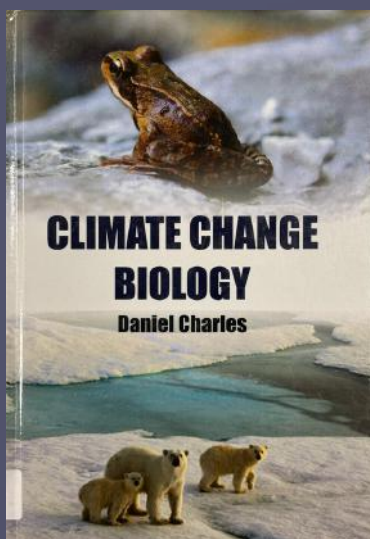
Author: Minkoff, Eli C.; Hood-DeGrenier, Jennifer K

Accession Number: 25830

Call Number: 57 MIN-B

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14



Climate change biology

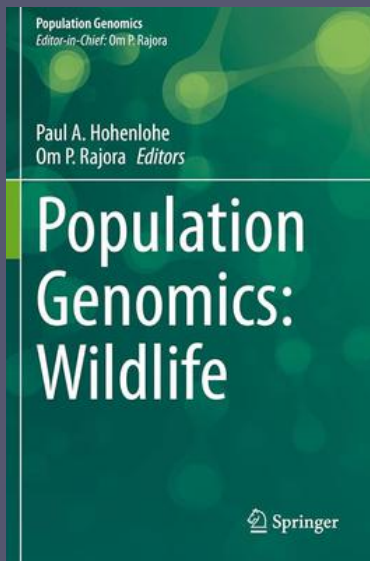
Author: Charles, Daniel

Accession Number: 25831

Call Number: 57.045 CHA-C

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15



Population genomics: wildlife

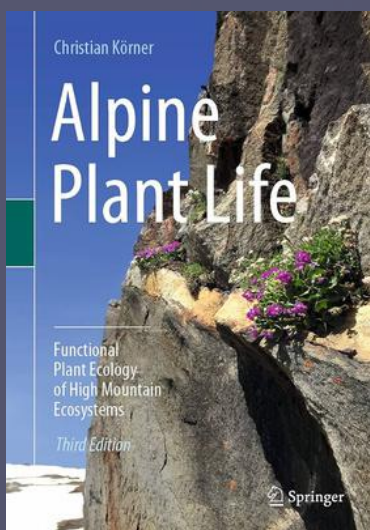
Author: Hohenlohe, Paul A.; Rajora, Om P.

Accession Number: 25832

Call Number: 591.5 HOH-P

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

16



Alpine plant life: functional plant ecology of high mountain ecosystems

Author: Körner, Christian

Accession Number: 25841

Call Number: 581.5 KOR-A

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17



Biotechnology in plant improvement

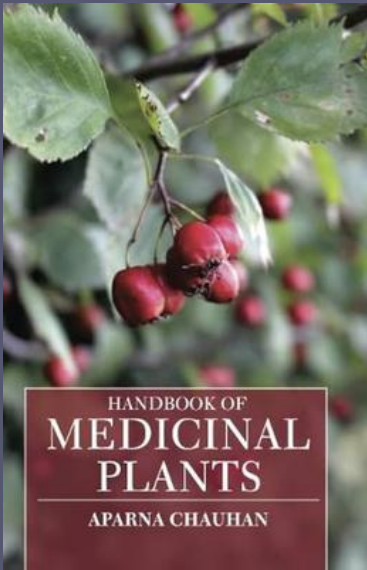
Author: Thomas, Albert

Accession Number: 25842

Call Number: 606:581.1 THO-B

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Handbook of medicinal plants

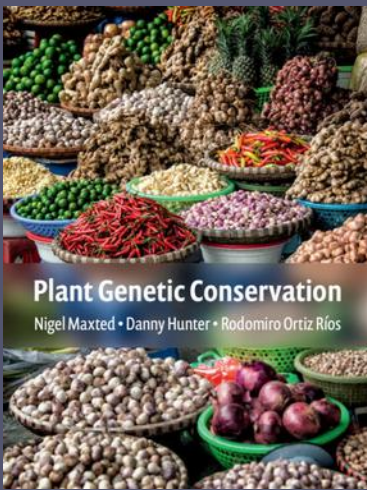
Author: Chauhan, Aparna

Accession Number: 25843

Call Number: 633.88 CHA-H

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

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Plant genetic conservation

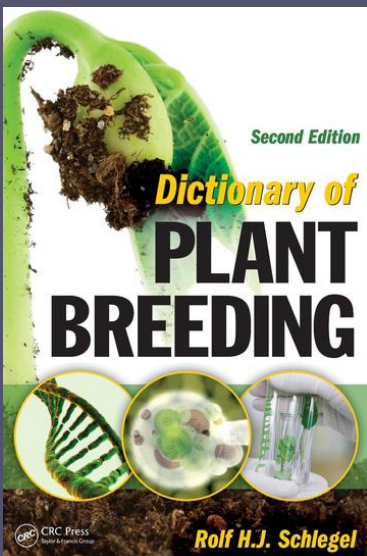
Author: Maxted, Nigel; Hunter, Danny; Ríos, Rodomiro Ortiz

Accession Number: 25851

Call Number: 632 MAX-P

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20



Dictionary of plant breeding

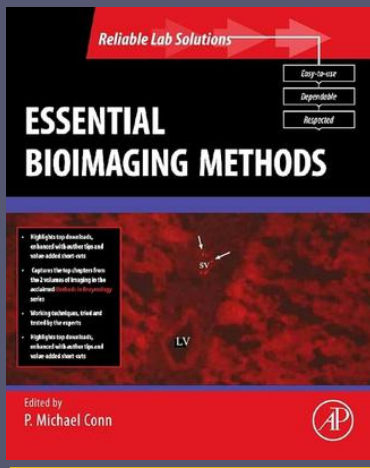
Author: Schlegel, Rolf H. J.

Accession Number: 25856

Call Number: 631.23 SCH-D

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Essential bioimaging methods

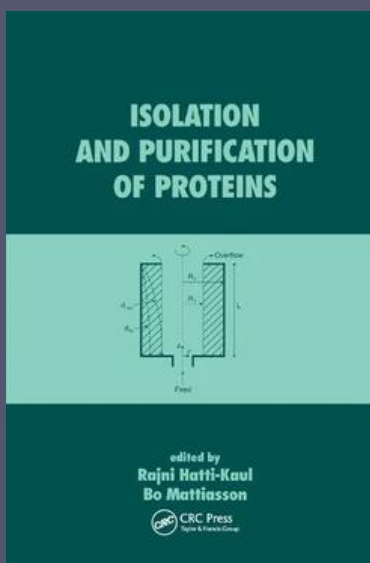
Author: Conn, P. Michael

Accession Number: 25858

Call Number: 57.08 CON-E

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Isolation and purification of proteins

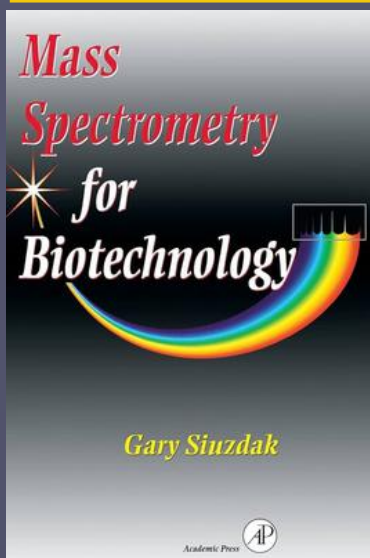
Author: Hatti-Kaul, Rajni; Mattiasson, Bo

Accession Number: 25861

Call Number: 577.112 HAT-I

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

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Mass spectrometry for biotechnology

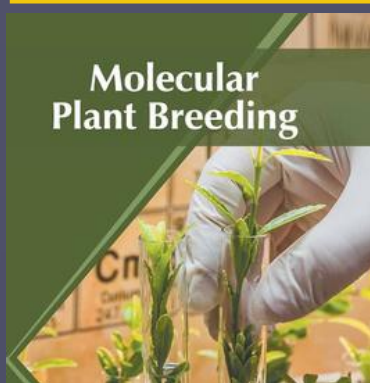
Author: Siuzdak, Gary

Accession Number: 25863

Call Number: 577.112 SIU-M

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24



Molecular plant breeding

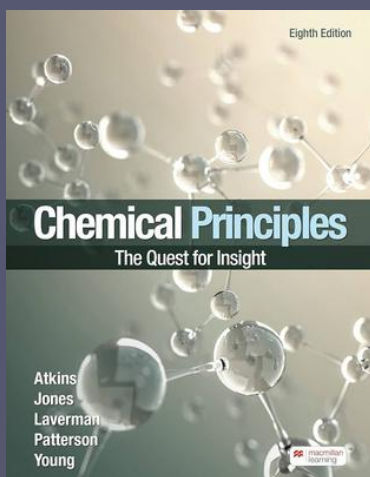
Author: Harrington, Bridget

Accession Number: 25864

Call Number: 577.21 HAR-M

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01



Chemical principles: the quest for insight

Author: Atkins, Peter; Jones, Loretta; Laverman, Leroy; Patterson, James; Young, Kelley

Accession Number: 25782

Call Number: 54 ATK-C

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02



Electroanalytical chemistry: a series of advances, volume 27

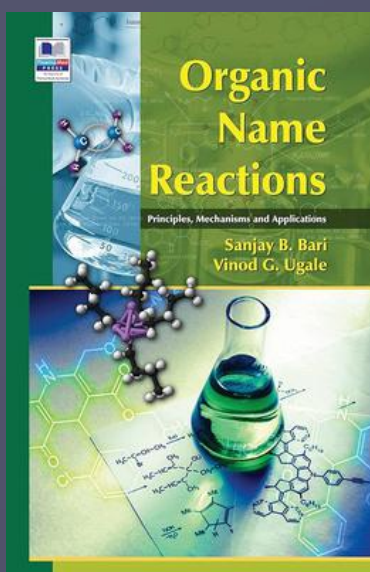
Author: Bard, Allen J.; Zoski, Cynthia G.

Accession Number: 25790

Call Number: 543.55 BAR-E

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03



Organic name reactions: principles, mechanisms and applications

Author: Bari, Sanjay B.; Ugale, Vinod G.

Accession Number: 25791

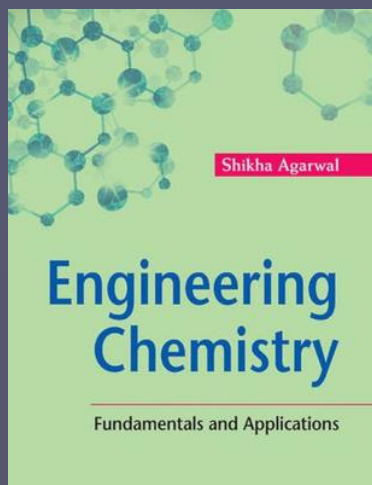
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Chemical Sciences



04



Engineering chemistry: fundamentals and applications

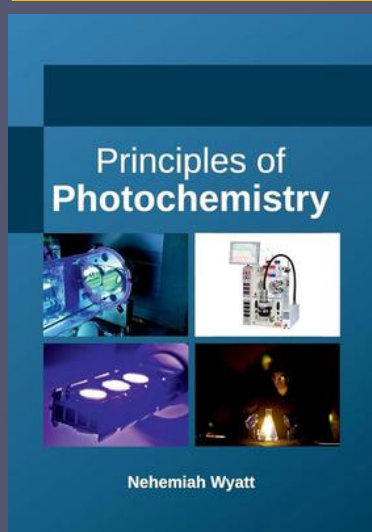
Author: Agarwal, Shikha

Accession Number: 25800

Call Number: 66.01 AGA-E

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Principles of photochemistry

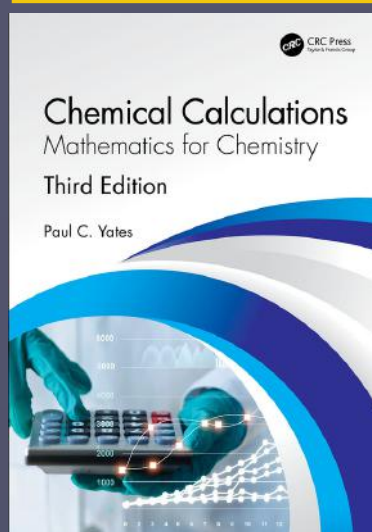
Author: Wyatt, Nehemiah

Accession Number: 25808

Call Number: 544.52 WYA-P

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Chemical calculations: mathematics for chemistry

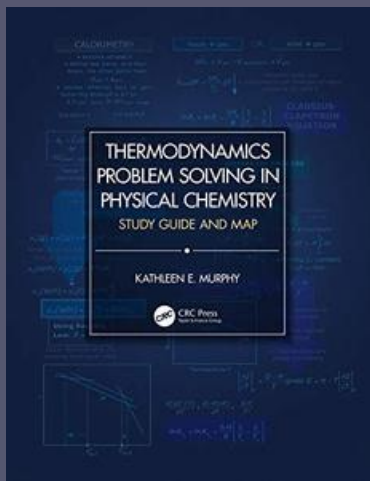
Author: Yates, Paul C.

Accession Number: 25815

Call Number: 54:51 YAT-C

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

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Thermodynamics problem solving in physical chemistry: study guide and map

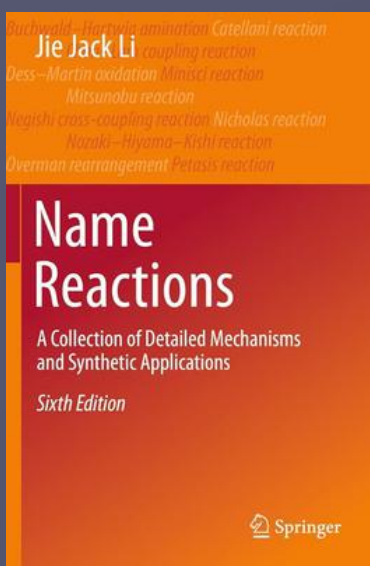
Author: Murphy, Kathleen E.

Accession Number: 25819

Call Number: 544.3 MUR-T

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Name reactions: a collection of detailed mechanisms and synthetic applications

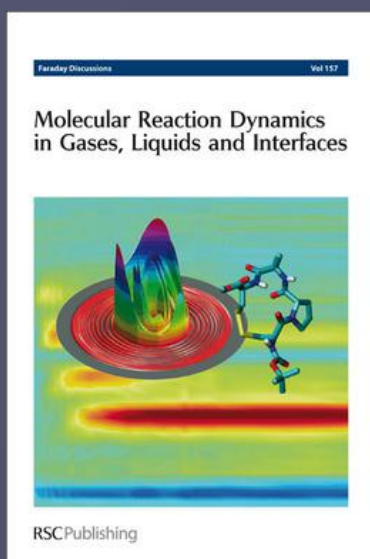
Author: Li, Jie Jack

Accession Number: 25840

Call Number: 547 LI-N

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

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Molecular reaction dynamics in gases, liquids and interfaces: Assisi, Italy, 25-27 June 2012

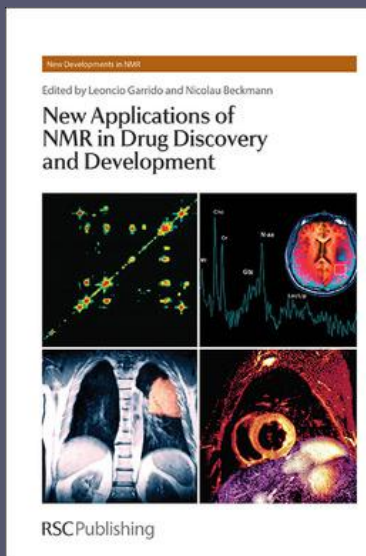
Author: Earis, Philip

Accession Number: 25865

Call Number: 544.272 EAR-M

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New applications of NMR in drug discovery and development

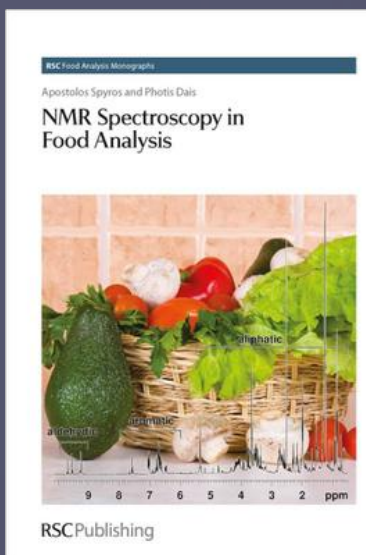
Author: Garrido, Leoncio; Beckmann, Nicolau

Accession Number: 25867

Call Number: 615 GAR-N

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NMR spectroscopy in food analysis

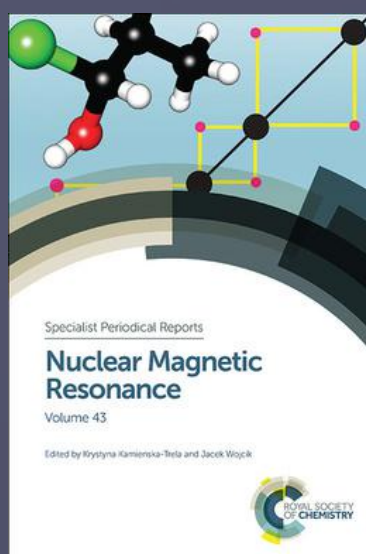
Author: Spyros, Apostolos; Dais, Photis

Accession Number: 25868

Call Number: 543.429.23 SPY-N

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Nuclear magnetic resonance: volume 43

Author: Kamienska-Trela, Krystyna; Wojcik, Jacek

Accession Number: 25870

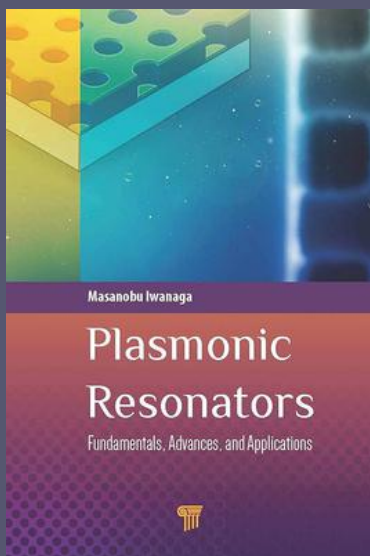
Call Number: 543.429.23 KAM-N

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Chemical Sciences



13



Plasmonic resonators: fundamentals, advances, and applications

Author: Iwanaga, Masanobu

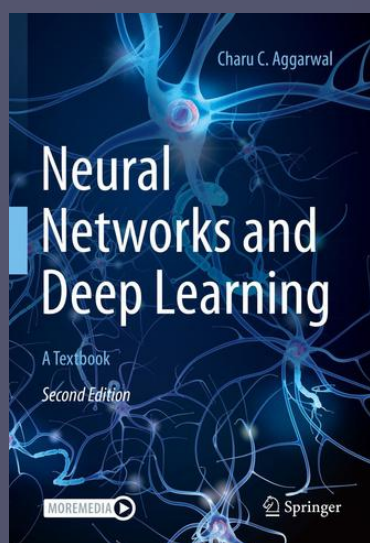
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Computer Sciences

01



Neural networks and deep learning: a textbook

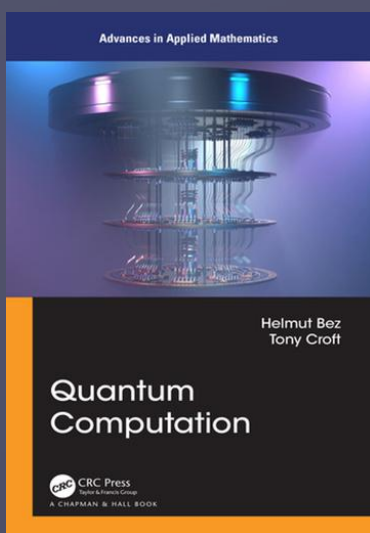
Author: Aggarwal, Charu C.

Accession Number: 25768

Call Number: 004.032.26 AGG-N

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02



Quantum computation

Author: Bez, Helmut; Croft, Tony

Accession Number: 25774

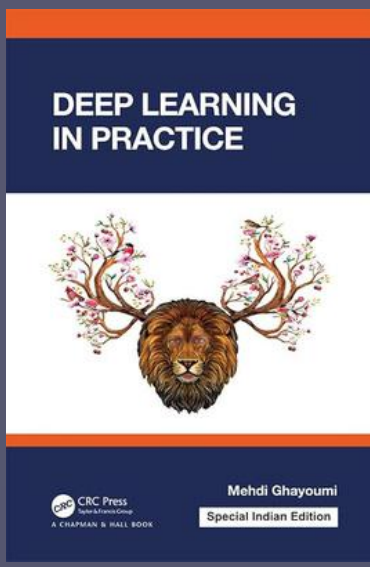
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Computer Sciences



03



Deep learning in practice

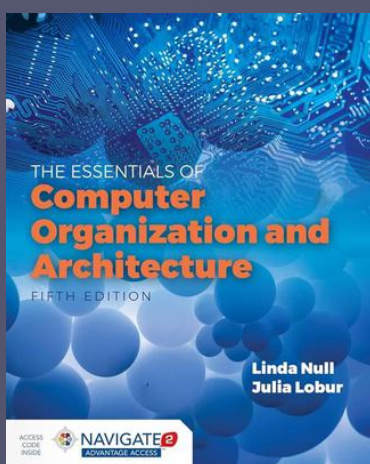
Author: Ghayoumi, Mehdi

Accession Number: 25788

Call Number: 004.85 GHA-D

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04



Essentials of computer organization and architecture

Author: Null, Linda; Lobur, Julia

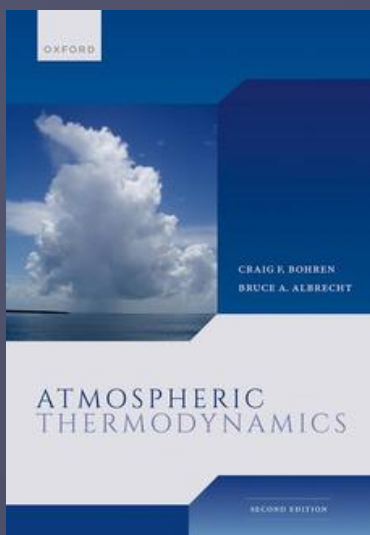
Accession Number: 25849

Call Number: 004.2 NUL-E

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Earth & Planetary Sciences

01



Atmospheric thermodynamics

Author: Bohren, Craig F.; Albrecht, Bruce A.

Accession Number: 25992 - 25993

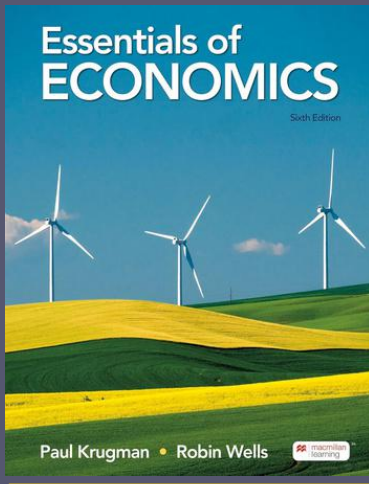
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Humanities & Social Sciences



01



Essentials of economics

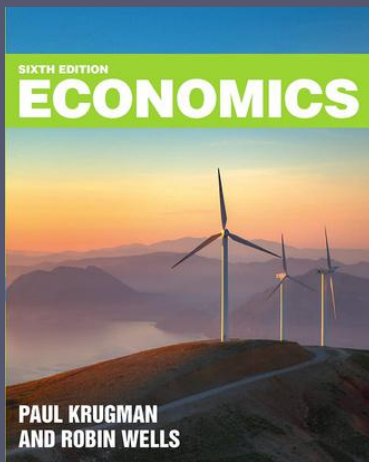
Author: Krugman, Paul; Wells, Robin

Accession Number: 25763

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Economics

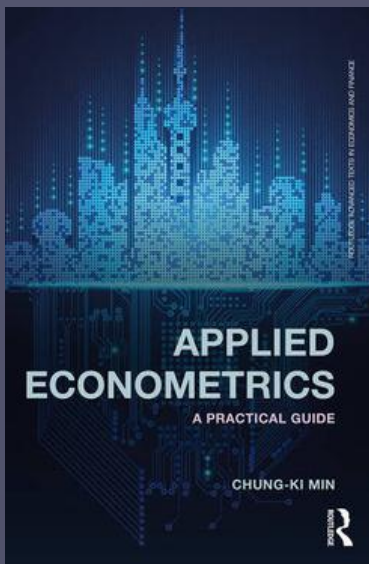
Author: Krugman, Paul; Wells, Robin

Accession Number: 25764

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Applied econometrics: a practical guide

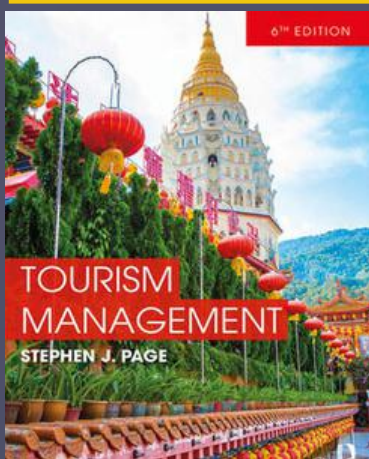
Author: Min, Chung Ki

Accession Number: 25766

Call Number: 330.43 MIN-A

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

04



Tourism management

Author: Page, Stephen J.

Accession Number: 25772

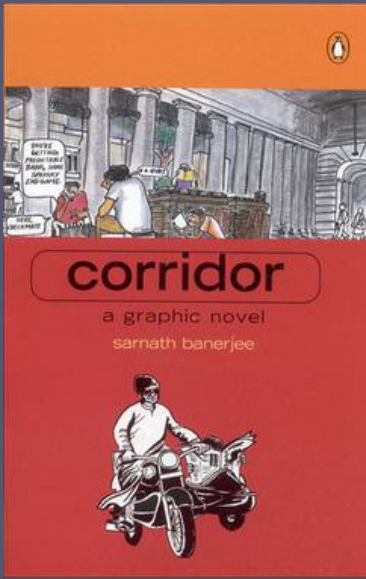
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Humanities & Social Sciences



05



Corridor: a graphic novel

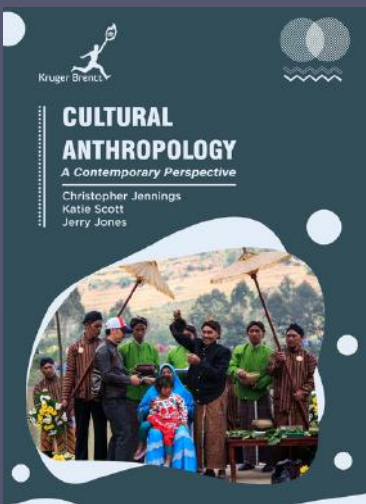
Author: Banerjee, Sarnath

Accession Number: 25814

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06



Cultural anthropology: a contemporary perspective

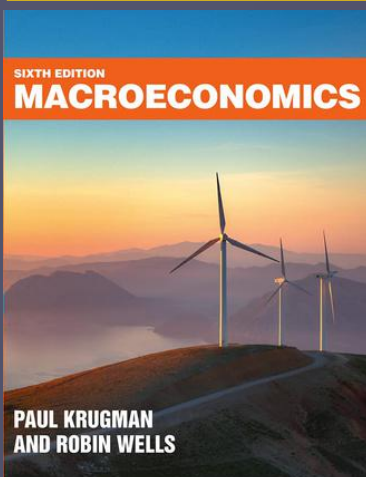
Author: Jennings, Christopher; Scott, Katie; Jones, Jerry

Accession Number: 25820

Call Number: 316.7 JEN-C

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Macroeconomics

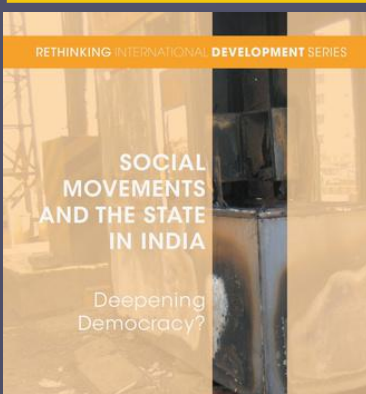
Author: Krugman, Paul; Wells, Robin

Accession Number: 25821

Call Number: 330.101.541 KRU-M

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Social movements and the state in India: deepening democracy?

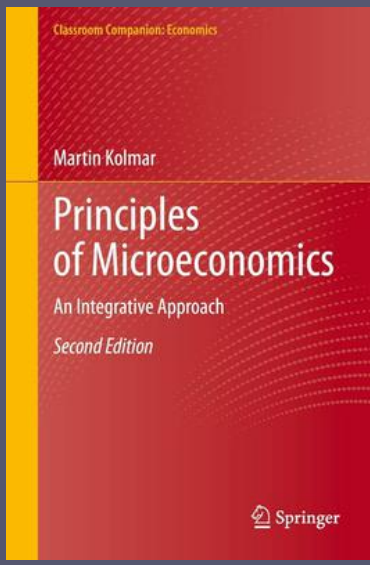
Author: Nielsen, Kenneth Bo; Nilsen, Alf Gunvald

Accession Number: 25822

Call Number: 321.7 NIE-S

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Principles of microeconomics: an integrative approach

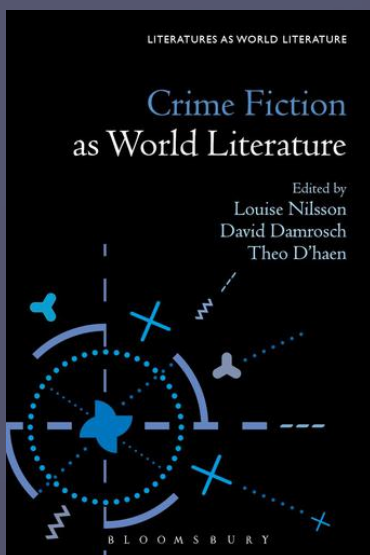
Author: Kolmar, Martin

Accession Number: 25823

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Crime fiction as world literature

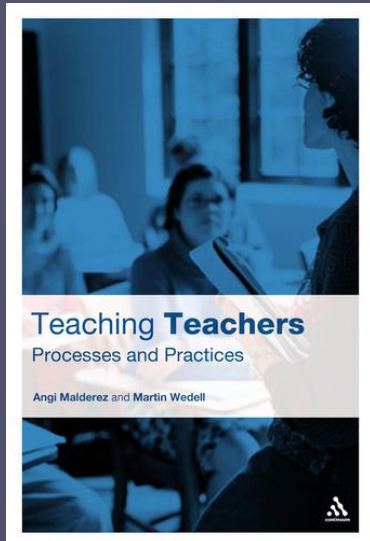
Author: Nilsson, Louise; Damrosch, David; Haen, Theo d'

Accession Number: 25824

Call Number: 82.09 NIL-C

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Teaching teachers: processes and practices

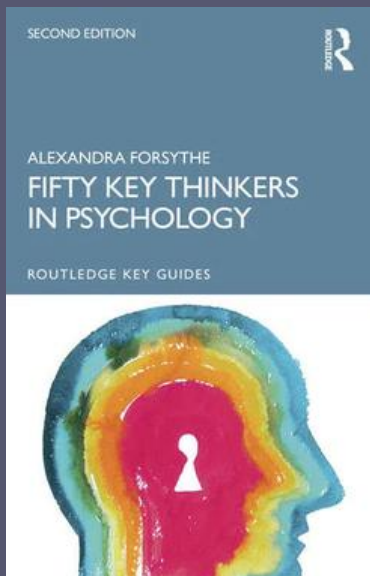
Author: Malderez, Angi; Wedell, Martin

Accession Number: 25825

Call Number: 377.8 MAL-T

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Fifty key thinkers in psychology

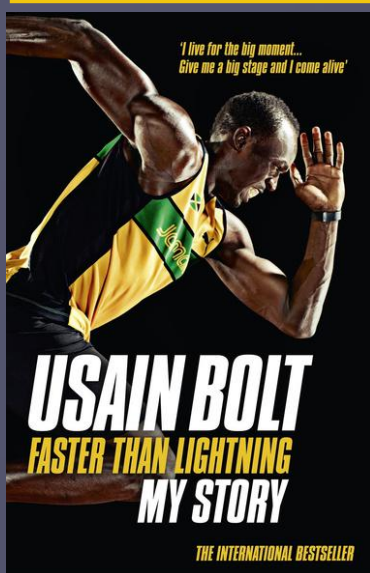
Author: Forsythe, Alexandra

Accession Number: 25839

Call Number: 159.9 FOR-F

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13



Faster than lightning: my story

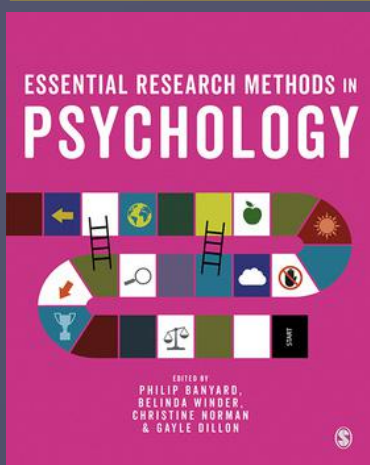
Author: Bolt, Usain; Allen, Matt

Accession Number: 25845

Call Number: 82-94 BOL-F

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14



Essential research methods in psychology

Author: Banyard, Philip; Winder, Belinda; Norman, Christine; Dillon, Gayle

Accession Number: 25847

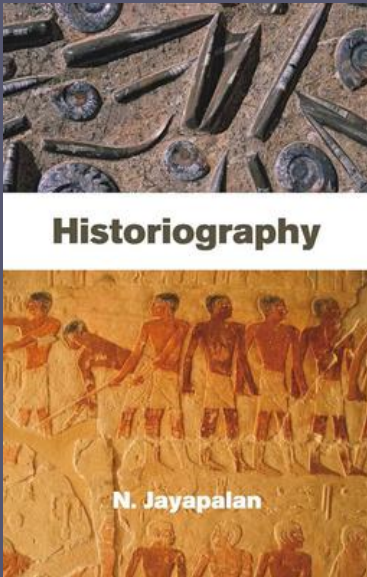
Call Number: 159.9 BAN-E

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Humanities & Social Sciences



15



Historiography

Author: Jayapalan, N.

Accession Number: 25860

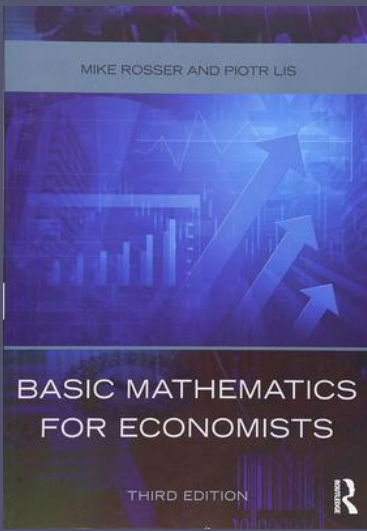
Call Number: 94 JAY-H

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Mathematical Sciences

01



Basic mathematics for economists

Author: Rosser, Mike; Lis, Piotr

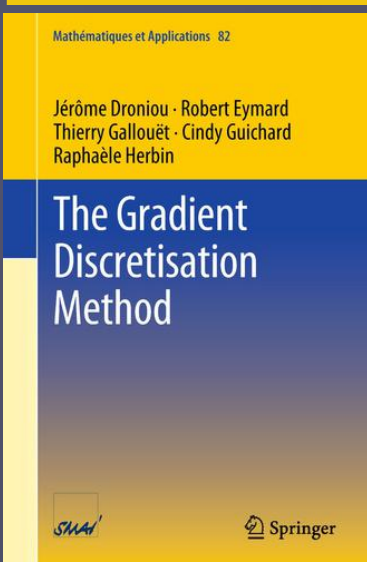
Accession Number: 25765

Call Number: 519.86 ROS-B

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02



Gradient discretisation method

Author: Droniou, Jérôme; Eymard, Robert; Gallouët, Thierry; Guichard, Cindy; Herbin, Raphaèle

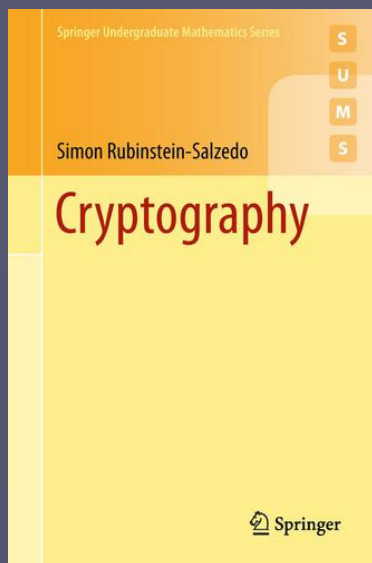
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Cryptography

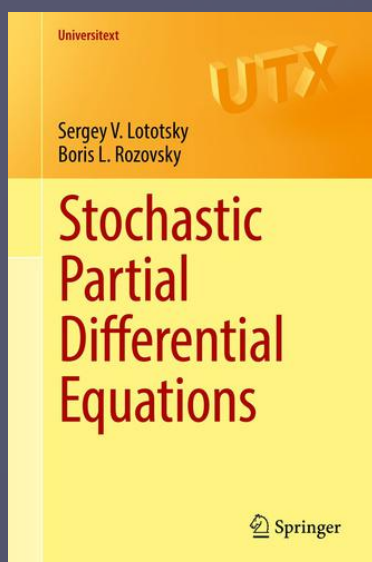
Author: Rubinfeld-Salzedo, Simon

Accession Number: 25773

Call Number: 511.2 RUB-C

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04



Stochastic partial differential equations

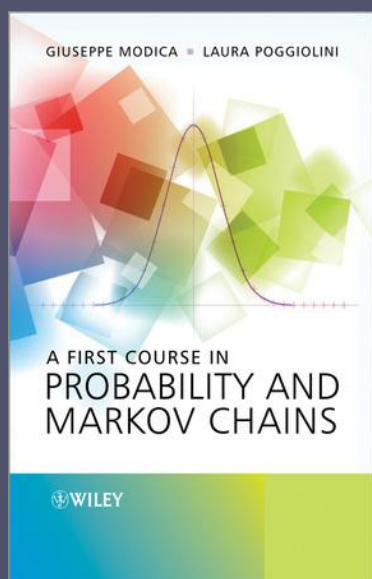
Author: Lototsky, Sergey V.; Rozovsky, Boris L

Accession Number: 25775

Call Number: 519.21 LOT-S

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05



First course in probability and Markov chains

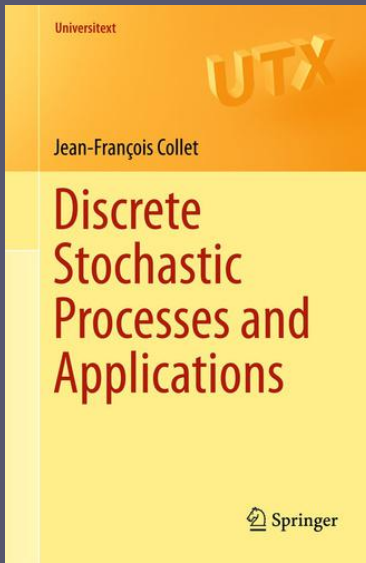
Author: Modica, Giuseppe; Poggiolini, Laura

Accession Number: 25776

Call Number: 519.217.2 MOD-A

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Discrete stochastic processes and applications

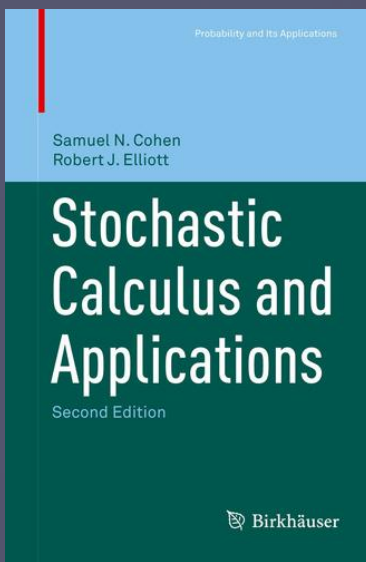
Author: Collet, Jean-François

Accession Number: 25777

Call Number: 519.216 COL-D

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Stochastic calculus and applications

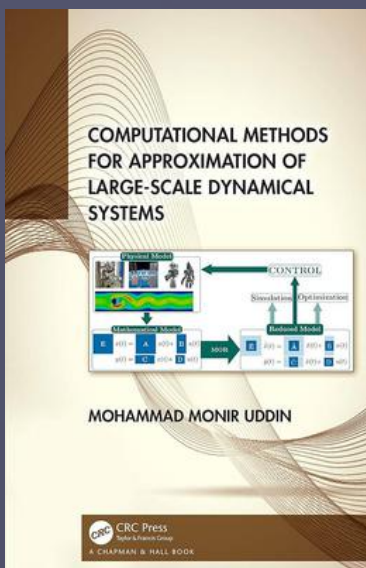
Author: Cohen, Samuel N.; Elliott, Robert J.

Accession Number: 25778

Call Number: 519.21 COH-S

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08



Computational methods for approximation of large-scale dynamical systems

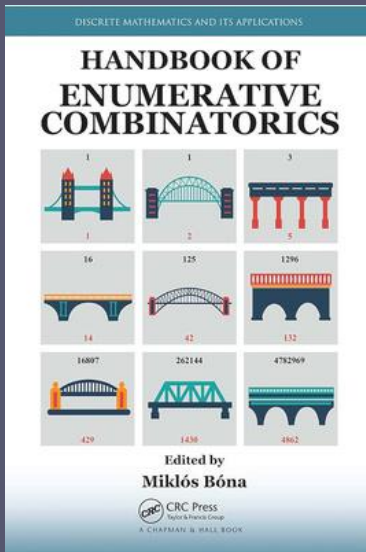
Author: Uddin, Mohammad Monir

Accession Number: 25786

Call Number: 517.93 UDD-C

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09



Handbook of enumerative combinatorics

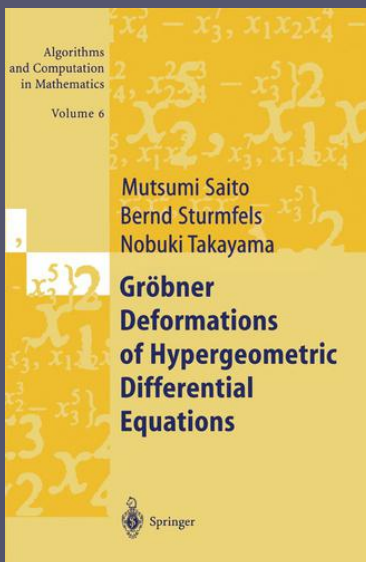
Author: Bóna, Miklós

Accession Number: 25792

Call Number: 519.1(035) BON-H

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Gröbner deformations of hypergeometric differential equations

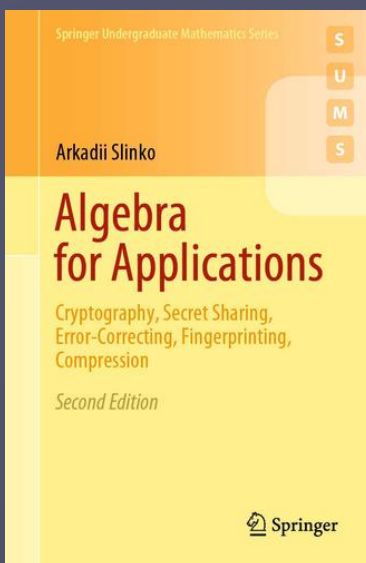
Author: Saito, Mutsumi; Sturmfels, Bernd; Takayama, Nobuki

Accession Number: 25794

Call Number: 517.9 SAI-G

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Algebra for applications: cryptography, secret sharing, error-correcting, fingerprinting, compression

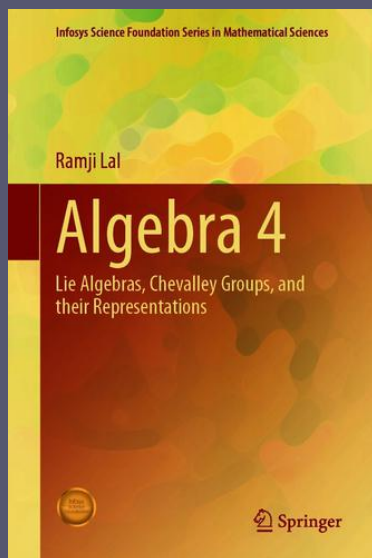
Author: Slinko, Arkadii

Accession Number: 25801

Call Number: 512 SLI-A

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Algebra 4: lie algebras, chevalley groups, and their representations

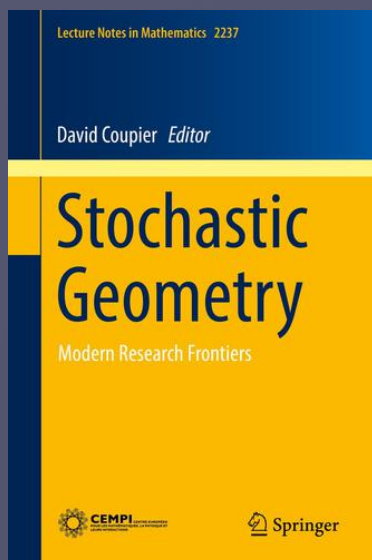
Author: Lal, Ramji

Accession Number: 25804

Call Number: 512.81 LAL-A

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Stochastic geometry: modern research frontiers

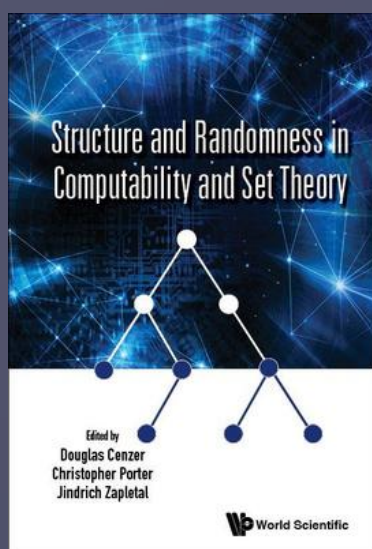
Author: Coupier, David

Accession Number: 25807

Call Number: 519.216 COU-S

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Structure and randomness in computability and set theory

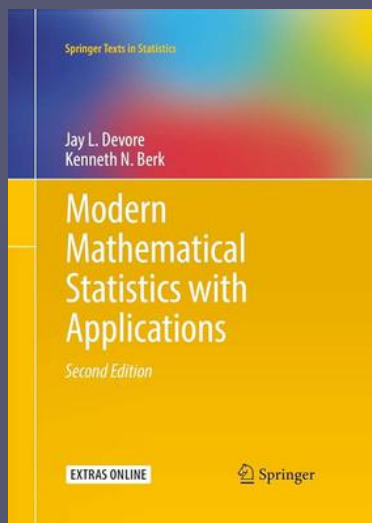
Author: Cenzer, Douglas; Porter, Christopher; Zapletal, Jindrich

Accession Number: 25817

Call Number: 510.22 CEN-S

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Modern mathematical statistics with applications

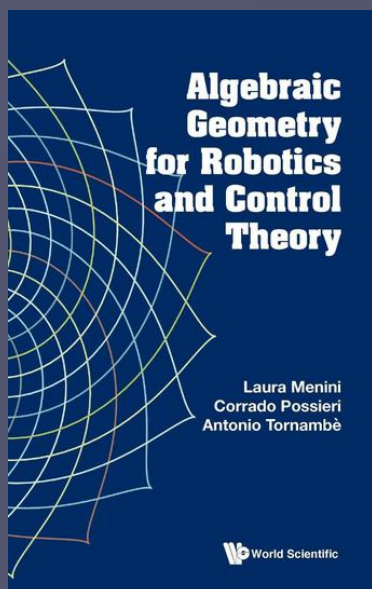
Author: Devore, Jay L.; Berk, Kenneth N.; Carlton, Matthew A.

Accession Number: 25834

Call Number: 519.22 DEV-M

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Algebraic geometry for robotics and control theory

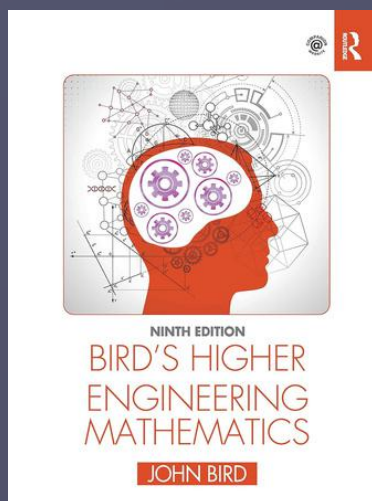
Author: Menini, Laura; Possieri, Corrado; Tornambè, Antonio

Accession Number: 25835

Call Number: 514.7 MEN-A

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Bird's higher engineering mathematics

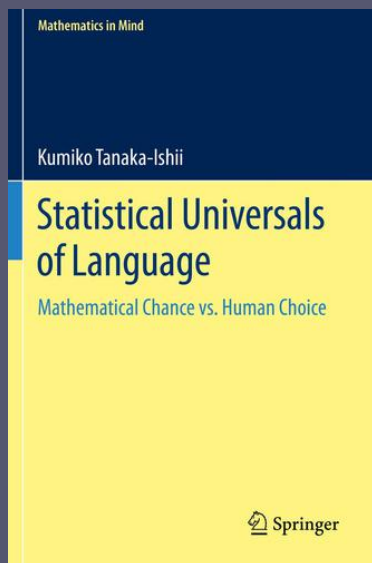
Author: Bird, John

Accession Number: 25836

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Statistical universals of language: mathematical chance vs. human choice

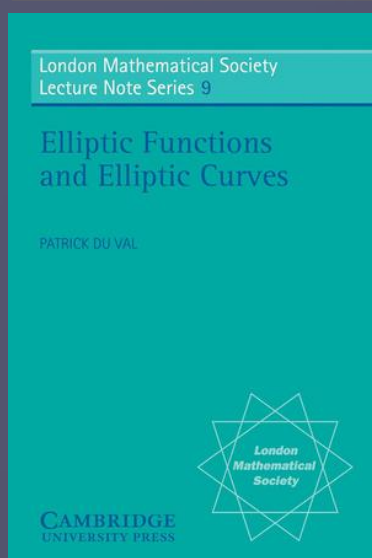
Author: Tanaka-Ishii, Kumiko

Accession Number: 25838

Call Number: 519.765 TAN-S

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Elliptic functions and elliptic curves

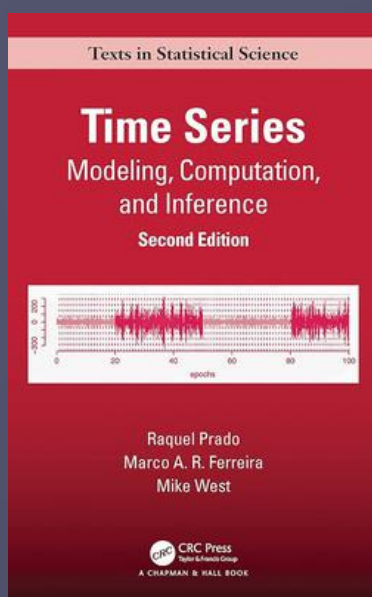
Author: Du Val, Patrick

Accession Number: 25844

Call Number: 517.583 DU-E

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Time series: modeling, computation, and inference

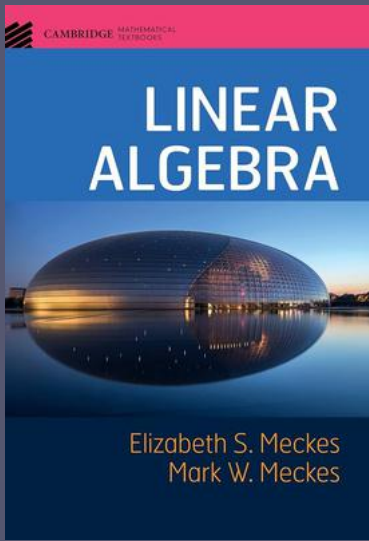
Author: Prado, Raquel; Ferreira, Marco A. R; West, Mike

Accession Number: 25846

Call Number: 519.246.8 PRA-T

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Linear algebra

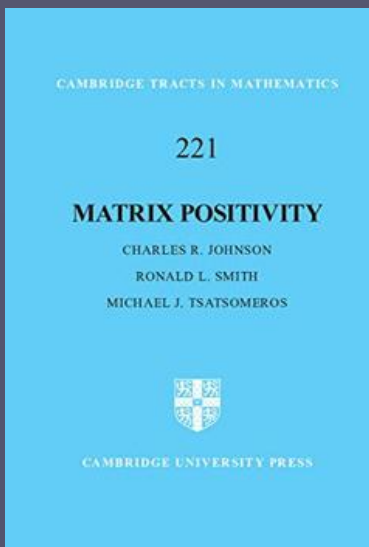
Author: Meckes, Elizabeth S.; Meckes, Mark W

Accession Number: 25848

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Matrix positivity

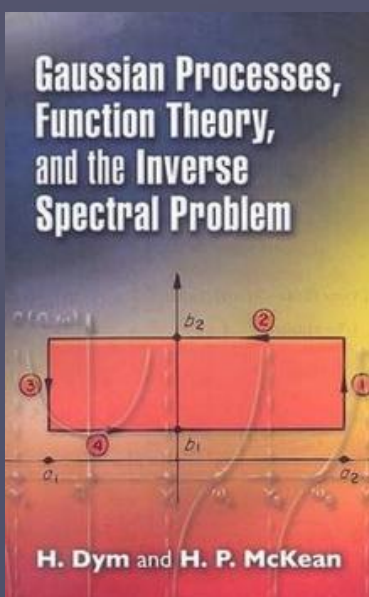
Author: Johnson, Charles R.; Smith, Ronald L.;
Tsatsomeros, Michael J.

Accession Number: 25850

Call Number: 512.643 JOH-M

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Gaussian processes, function theory, and the inverse spectral problem

Author: Dym, H.; McKean, H. P

Accession Number: 25859

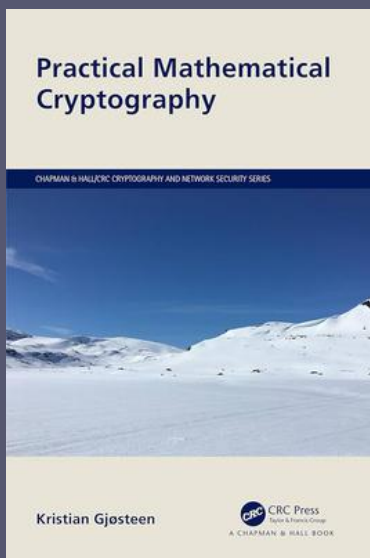
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Mathematical Sciences



24



Practical mathematical cryptography

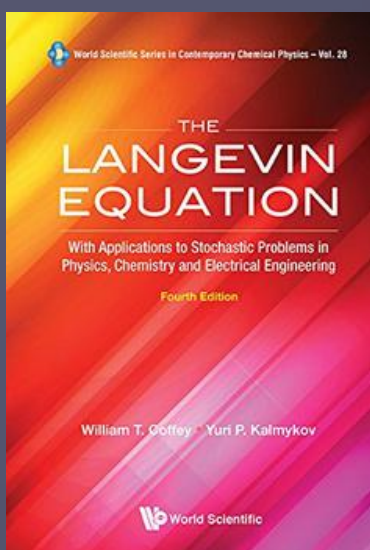
Author: Gjøsteen, Kristian

Accession Number: 25872

Call Number: 519.6 GJO-P

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25



Langevin equation: with applications to stochastic problems in physics, chemistry and electrical engineering

Author: Coffey, William T.; Kalmykov, Yuri P

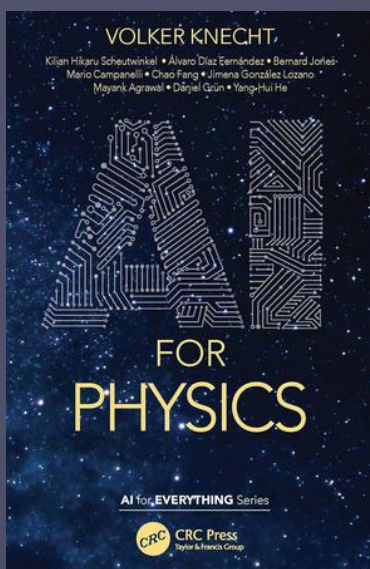
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Physical Sciences

01



AI for physics

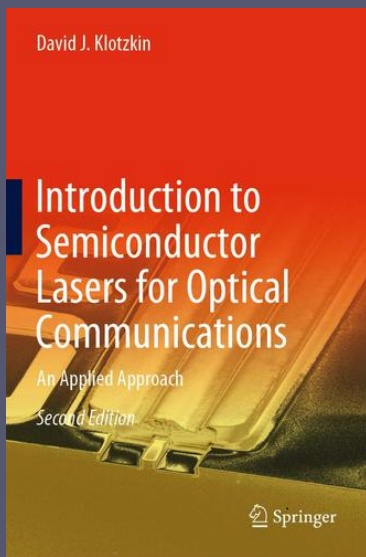
Author: Knecht, Volker

Accession Number: 25767

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Introduction to semiconductor lasers for optical communications: an applied approach

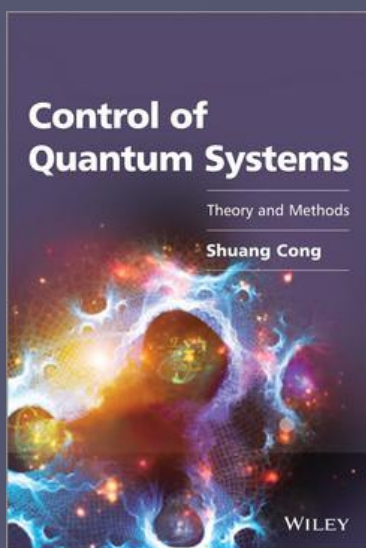
Author: Klotzkin, David J.

Accession Number: 25770

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Control of quantum systems: theory and methods

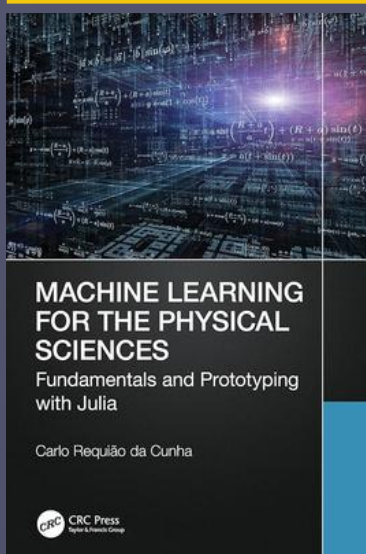
Author: Cong, Shuang

Accession Number: 25771

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Machine learning for the physical sciences: fundamentals and prototyping with Julia

Author: Da Cunha, Carlo Requião

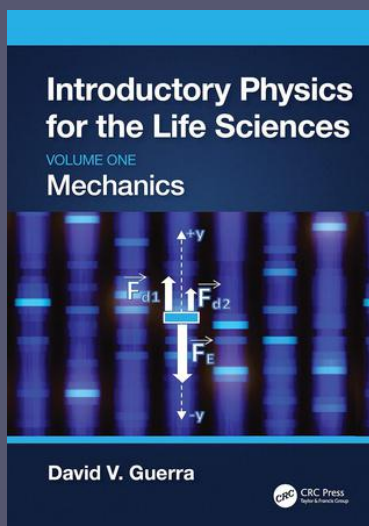
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Physical Sciences

05



Introductory physics for the life sciences, volume 1: mechanics

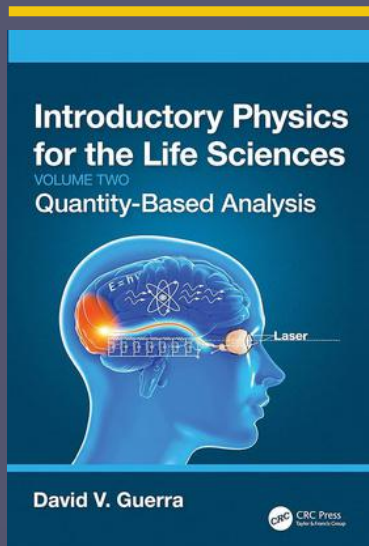
Author: Guerra, David V.

Accession Number: 25784

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Introductory physics for the life sciences, volume 2: quantity-based analysis

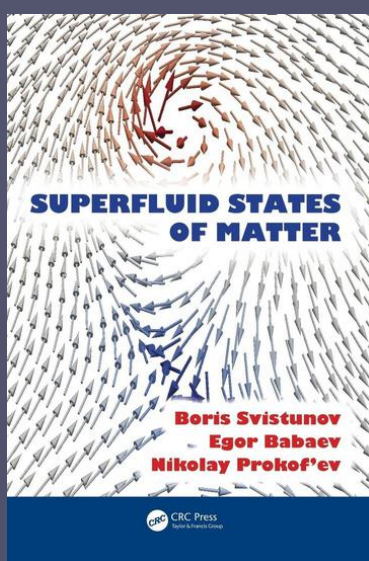
Author: Guerra, David V.

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Superfluid states of matter

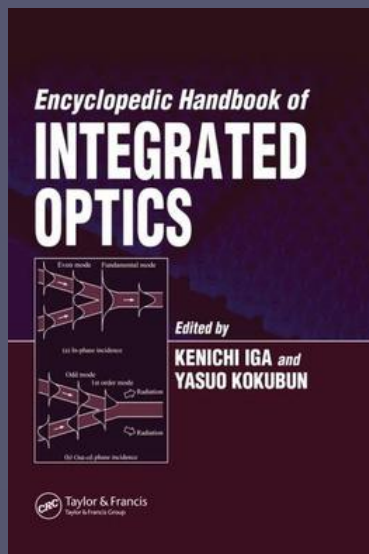
Author: Svistunov, Boris; Babaev, Egor; Prokof'ev, Nikolay

Accession Number: 25787

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Encyclopedic handbook of integrated optics

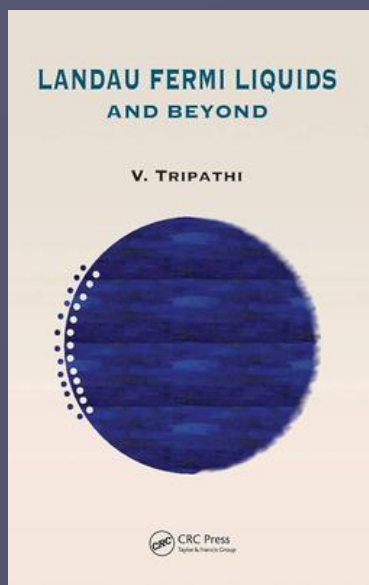
Author: Iga, Kenichi; Kokubun, Yasuo

Accession Number: 25789

Call Number: 621.3(035) IGA-E

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Landau fermi liquids and beyond

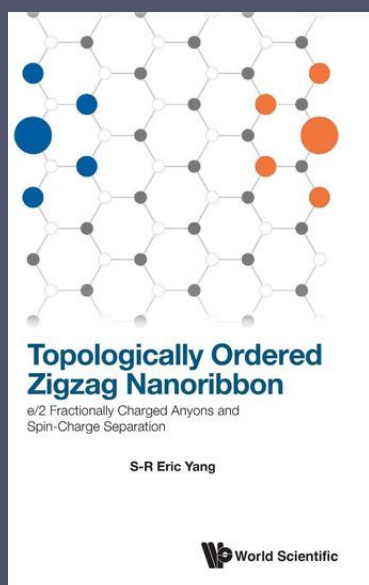
Author: Tripathi, V.

Accession Number: 25793

Call Number: 538.94 TRI-L

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Topologically ordered zigzag nanoribbon: $e/2$ fractionally charged anyons and spin-charge separation

Author: Yang, S-R Eric

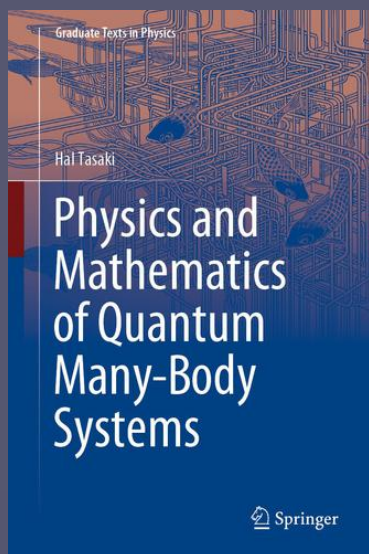
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Physical Sciences

11



Physics and mathematics of quantum many-body systems

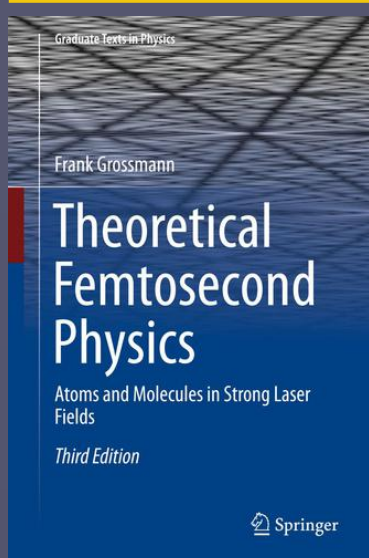
Author: Tasaki, Hal

Accession Number: 25797

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Theoretical femtosecond physics: atoms and molecules in strong laser fields

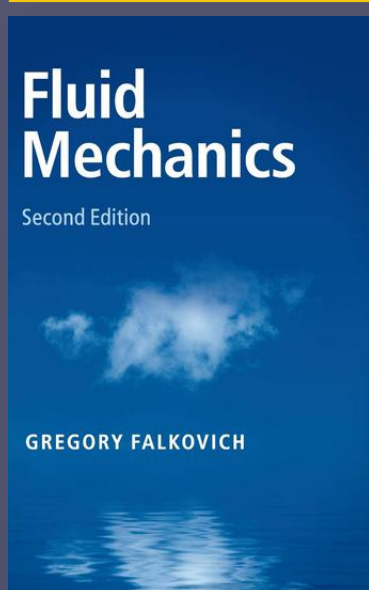
Author: Grossmann, Frank

Accession Number: 25798

Call Number: 539.1 GRO-T

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Fluid mechanics

Author: Falkovich, Gregory

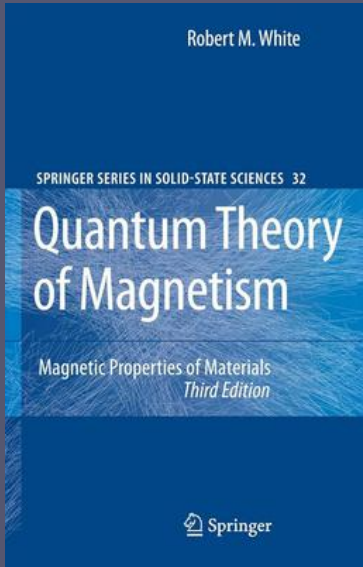
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Physical Sciences

14



Quantum theory of magnetism: magnetic properties of materials

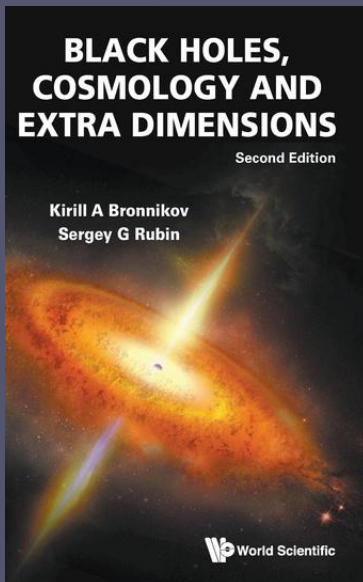
Author: White, Robert M.

Accession Number: 25816

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Black holes, cosmology and extra dimensions

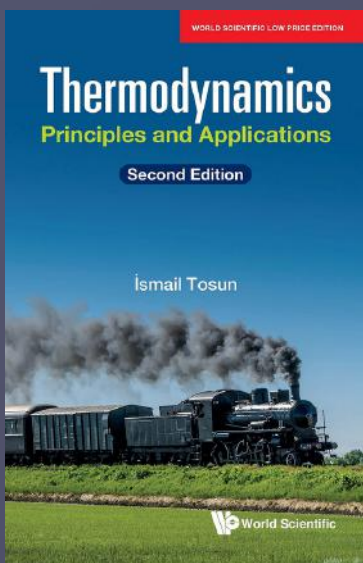
Author: Bronnikov, Kirill A.; Rubin, Sergei G.

Accession Number: 25818

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Thermodynamics: principles and applications

Author: Tosun, İsmail

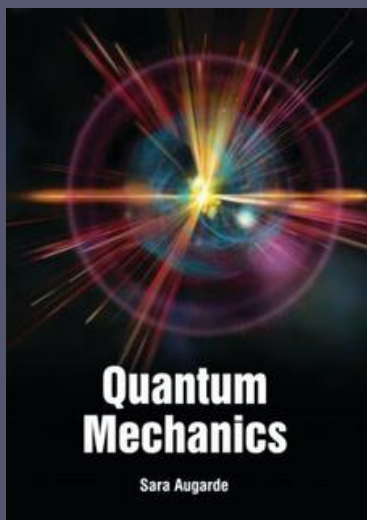
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Physical Sciences

17



Quantum mechanics

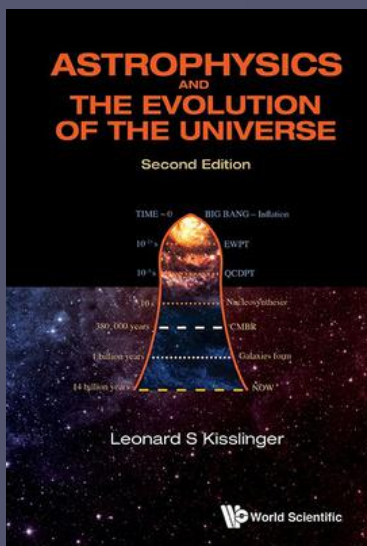
Author: Augarde, Sara

Accession Number: 25837

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Astrophysics and the evolution of the universe

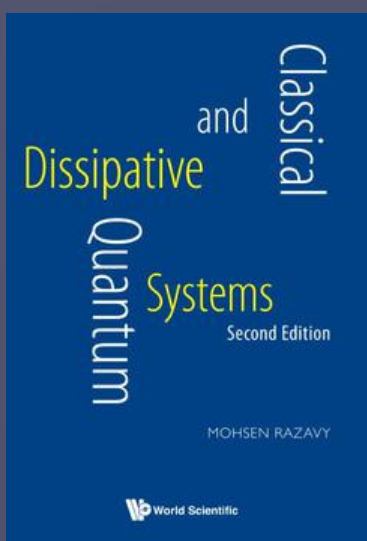
Author: Kisslinger, Leonard S.

Accession Number: 25853

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Classical and quantum dissipative systems

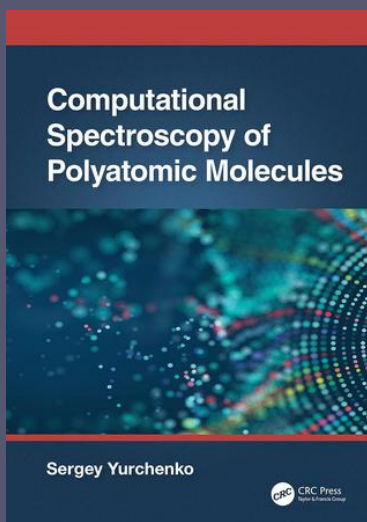
Author: Razavy, Mohsen

Accession Number: 25854

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Computational spectroscopy of polyatomic molecules

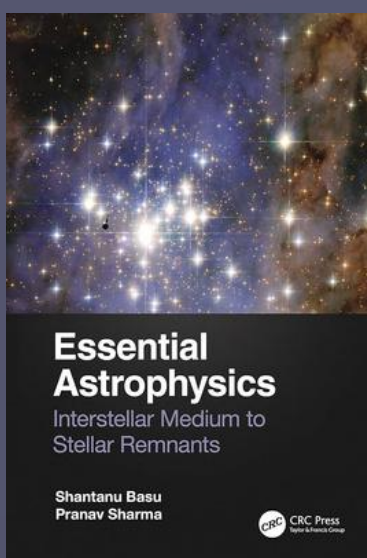
Author: Yurchenko, Sergey

Accession Number: 25855

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Essential astrophysics: interstellar medium to stellar remnants

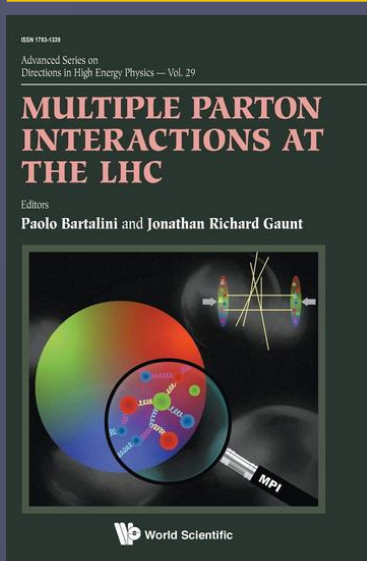
Author: Basu, Shantanu; Sharma, Pranav

Accession Number: 25857

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Multiple parton interactions at the LHC

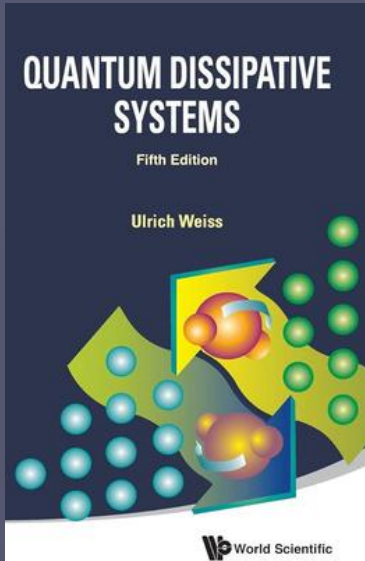
Author: Bartalini, Paolo; Gaunt, Jonathan Richard

Accession Number: 25866

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Quantum dissipative systems

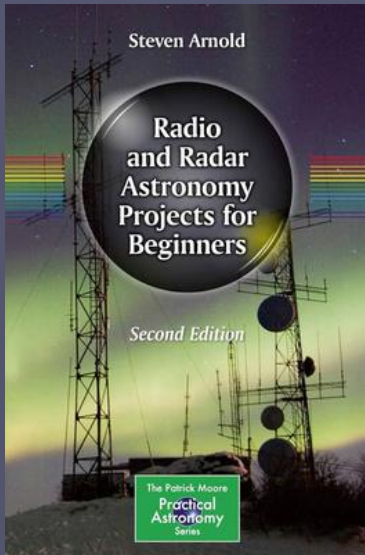
Author: Weiss, Ulrich

Accession Number: 25873

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Radio and radar astronomy projects for beginners

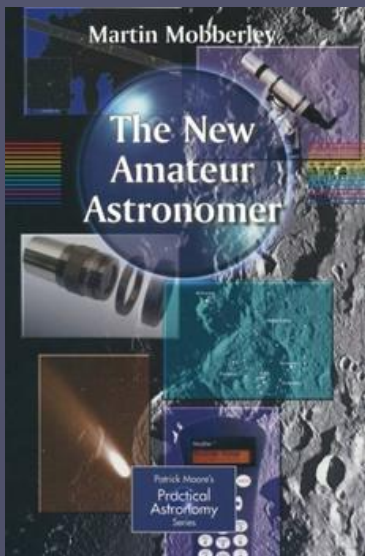
Author: Arnold, Steven

Accession Number: 25874

Call Number: 521 ARN-R

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New amateur astronomer

Author: Mobberley, Martin

Accession Number: 25876

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