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The new arrivals display (books) is located on the **1st Floor.**

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New Arrivals

TABLE OF
SUBJECTS

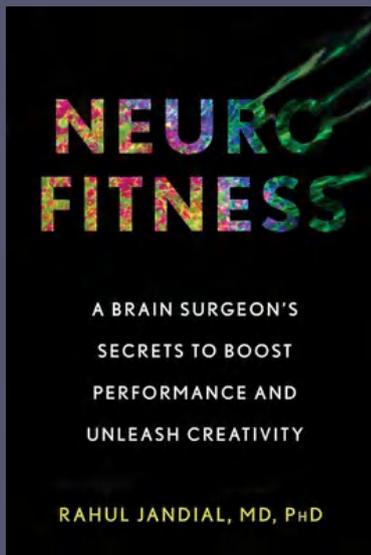# Biological Sciences

01

Neurofitness: a brain surgeon's secrets to boost performance and unleash creativity
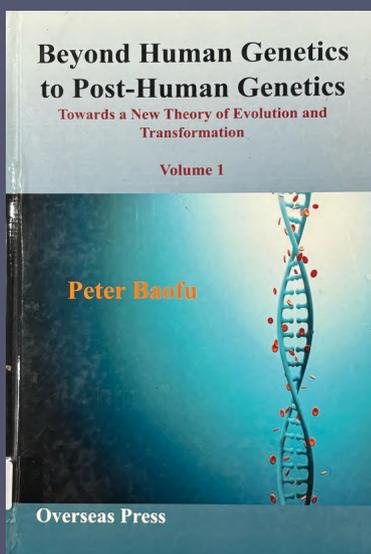
Author: Jandial, Rahul

Accession Number: 25660

Call Number: 612.8 JAN-N

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02

Beyond human genetics to post-human genetics: towards a new theory of evolution and transformation, volume 1
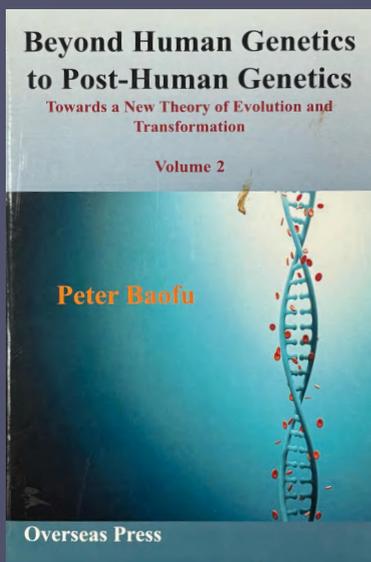
Author: Baofu, Peter

Accession Number: 25673

Call Number: 575 BAO-B

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03

Beyond human genetics to post-human genetics: towards a new theory of evolution and transformation, volume 2
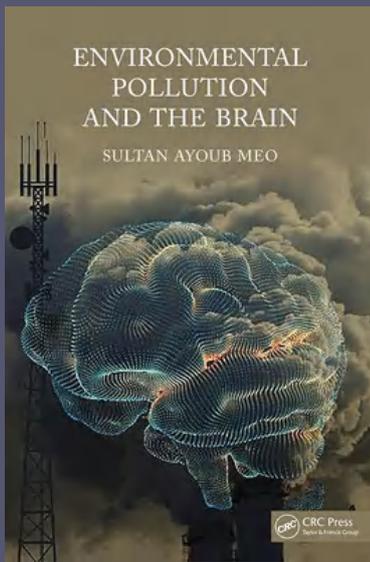
Author: Baofu, Peter

Accession Number: 25674

Call Number: 575 BAO-B

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Biological Sciences
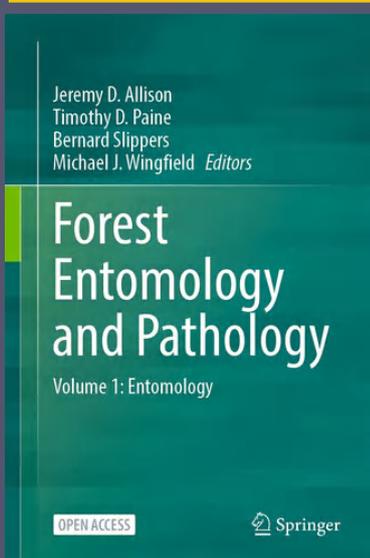
04

Environmental pollution and the brain

Author: Meo, Sultan Ayoub

Accession Number: 25675

Call Number: 612.8 MEO-E

OPAC Link: Click here Location: Central Library

05

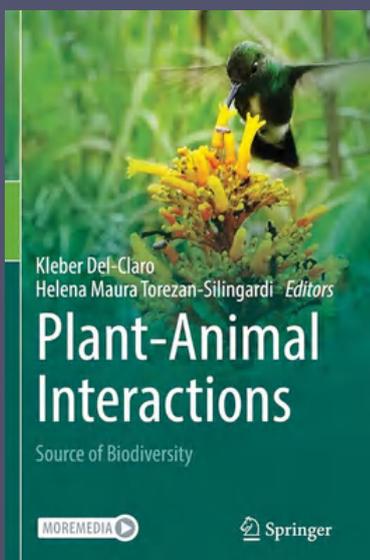### Forest entomology and pathology: volume 1: entomology

Author: Allison, Jeremy D; Paine, Timothy D; Slippers, Bernard; Wingfield, Michael J

Accession Number: 25676

Call Number: 595.7 ALL-F

OPAC Link: Click here Location: Central Library

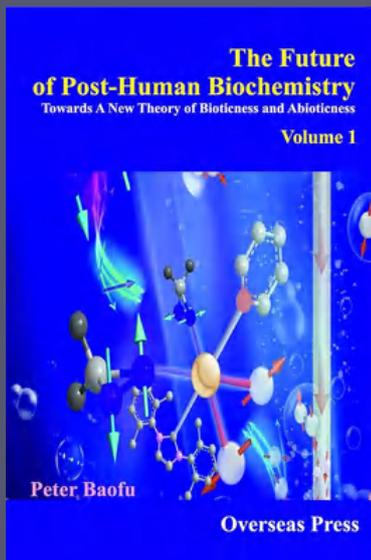## 06

Plant-animal interactions: source of biodiversity

Author: Del-Claro, Kleber; Torezan-Silingardi, Helena Maura

Accession Number: 25686

Call Number: 574.1 DEL-P

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07

Future of post-human biochemistry: towards a new theory of bioticness and abioticness, volume 1
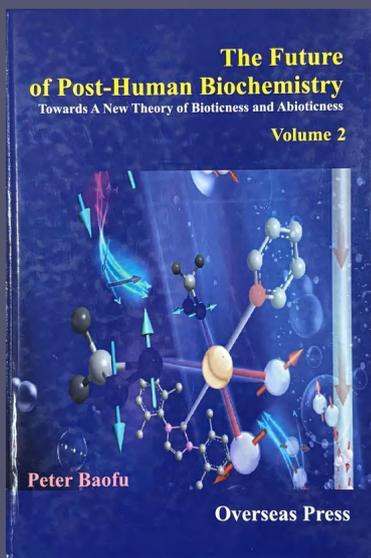
Author: Baofu, Peter

Accession Number: 25688

Call Number: 577.1 BAO-F

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08

Future of post-human biochemistry: towards a new theory of bioticness and abioticness, volume 2
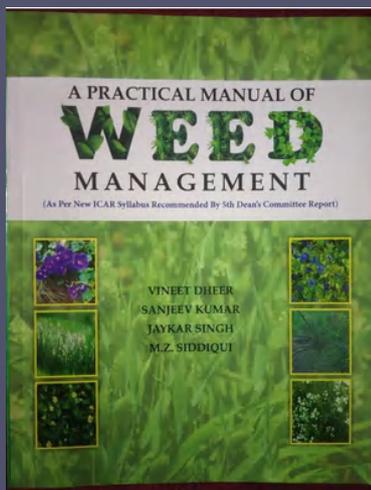
Author: Baofu, Peter

Accession Number: 25689

Call Number: 577.1 BAO-F

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09

Practical manual of weed management

Author: Dheer, Vineet; Kumar, Sanjeev; Singh, Jaykar; Siddiqui, M.Z
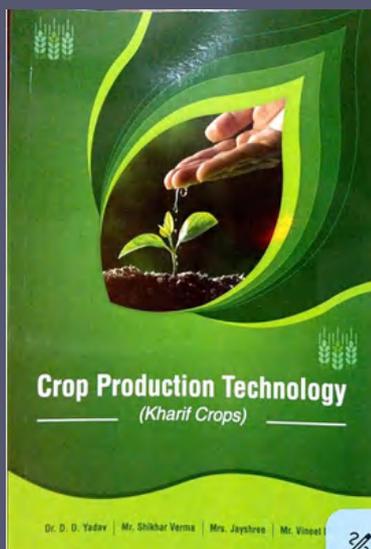
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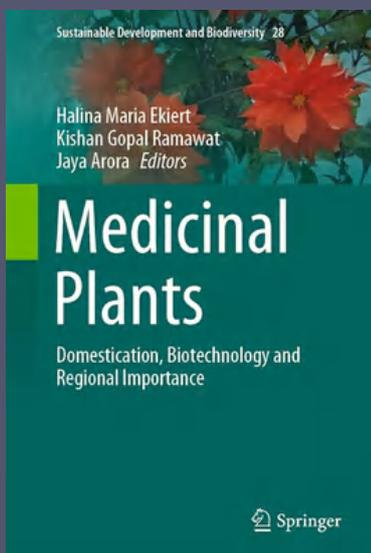
10

Crop production technology: kharif crops

Author: Yadav, D. D; Verma, Shikhar; Jayshree; Dheer, Vineet

Accession Number: 25691

Call Number: 631.5 YAD-C

OPAC Link: Click here   Location: Central Library

11

Medicinal plants: domestication, biotechnology and regional importance
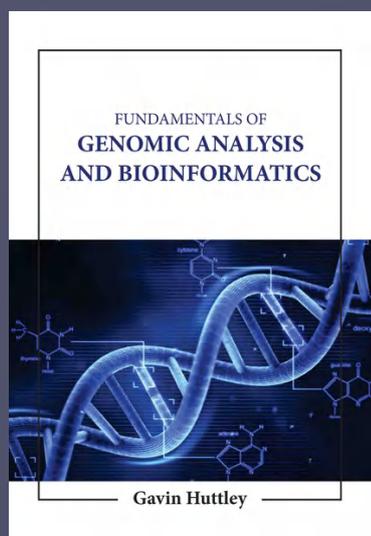
Author: Ekiert, Halina Maria; Ramawat, Kishan Gopal; Arora, Jaya

Accession Number: 25692

Call Number: 633.8 EKI-M

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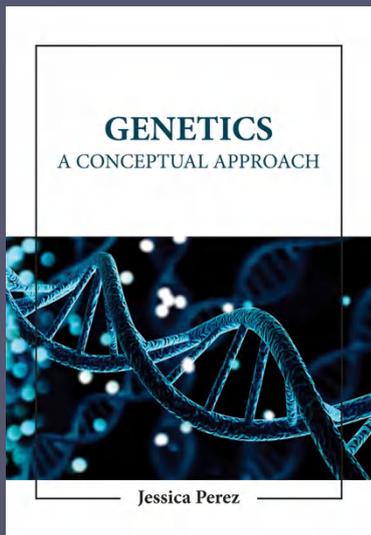**Fundamentals of genomic analysis and bioinformatics**

Author: Huttley, Gavin

Accession Number: 25694

Call Number: 575.11 HUT-F

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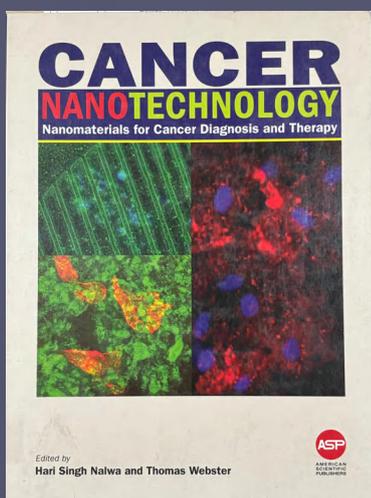## Genetics: a conceptual approach

Author: Perez, Jessica

Accession Number: 25695

Call Number: 575 PER-G

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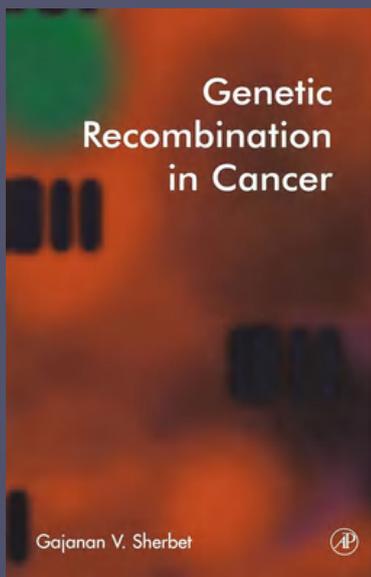## Cancer nanotechnology: nanomaterials for cancer diagnosis and therapy

Author: Nalwa, Hari Singh; Webster, Thomas

Accession Number: 25696

Call Number: 616-006 NAL-C

OPAC Link: Click here Location: Central Library

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Genetic recombination in cancer
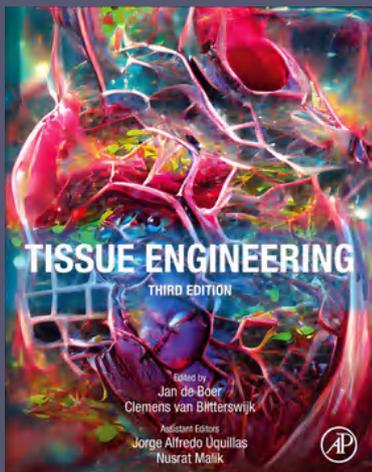
Author: Sherbet, Gajanan V.

Accession Number: 25697

Call Number: 616-006 SHE-G

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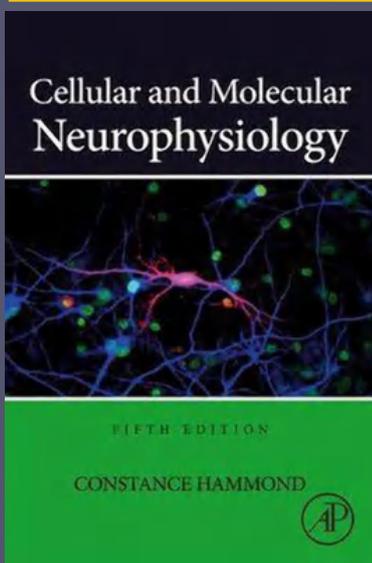
Biological Sciences

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Tissue engineering

Author: Boer, Jan de; Blitterswijk, Clemens A. van

Accession Number: 25698

Call Number: 616-003 BOE-T

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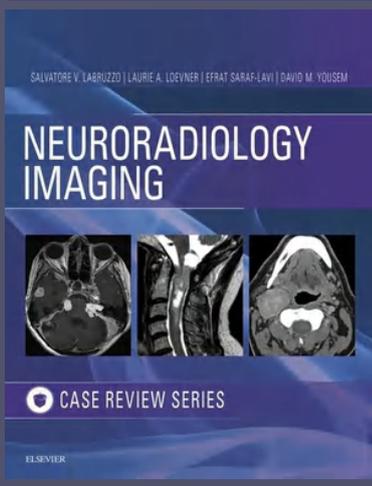## Cellular and molecular neurophysiology

Author: Hammond, Constance

Accession Number: 25699

Call Number: 577.25 HAM-C

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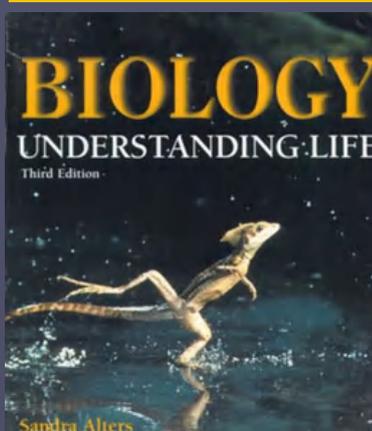
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Neuroradiology imaging

Author: Labruzzo, Salvatore V; Loevner, Laurie A; Saraf-Lavi, Efrat; Yousem, David M

Accession Number: 25700

Call Number: 616.8 LAB-N

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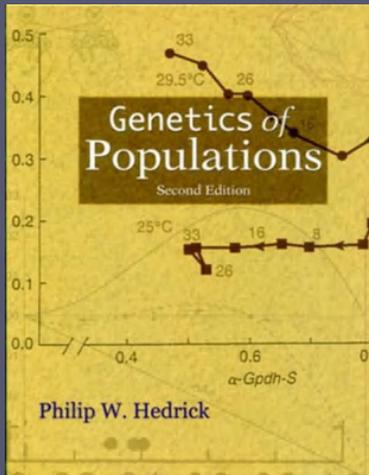
19

Biology: understanding life

Author: Alters, Sandra

Accession Number: 25701

Call Number: 57 ALT-B

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Biological Sciences
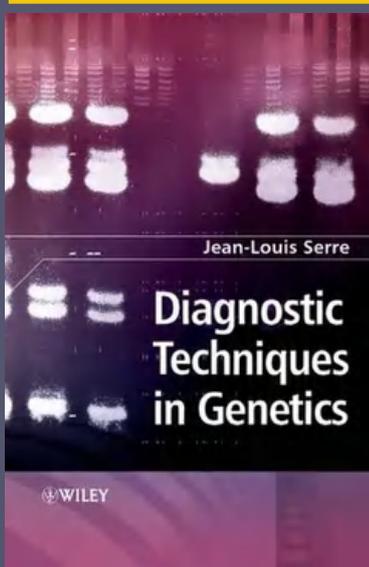
20

Genetics of populations

Author: Hedrick, Philip W.

Accession Number: 25702

Call Number: 575.17 HED-G

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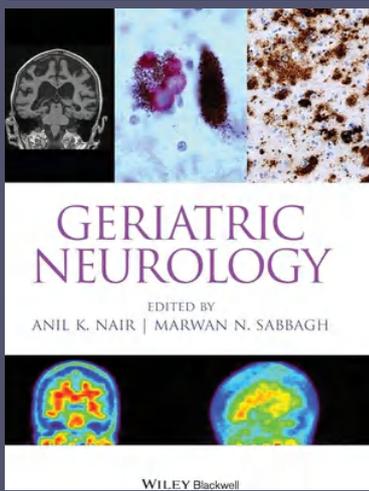**Diagnostic techniques in genetics**

Author: Serre, Jean Louis

Accession Number: 25703

Call Number: 616-07 SER-D

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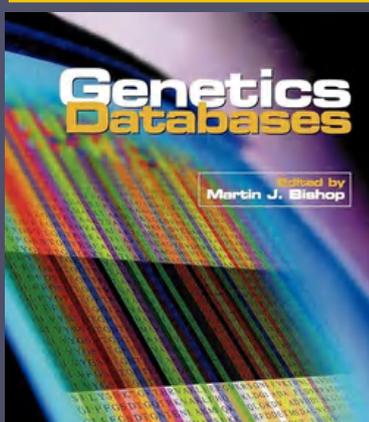
22

Geriatric neurology

Author: Nair, Anil K; Sabbagh, Marwan N

Accession Number: 25704

Call Number: 616-053.9 NAI-G

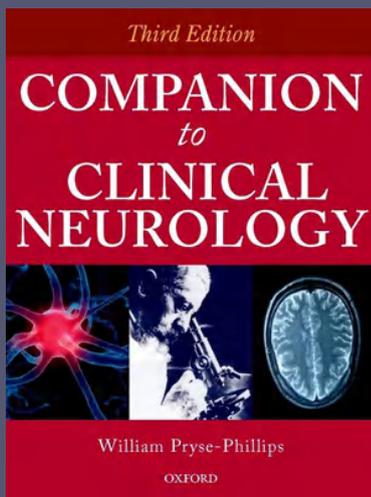OPAC Link: Click here | Location: Central Library

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Genetics databases

Author: Bishop, Martin J

Accession Number: 25707

Call Number: 575 BIS-G

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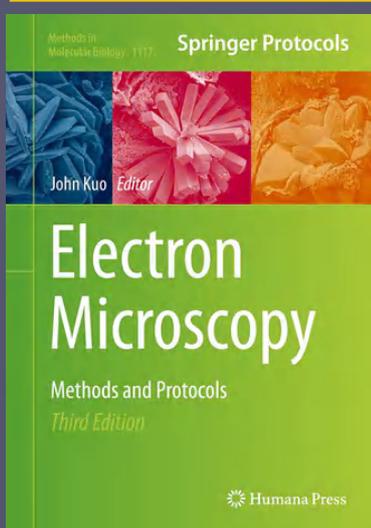**Companion to clinical neurology**

Author: Pryse-Phillips, William

Accession Number: 25709

Call Number: 616.8 PRY-C

OPAC Link: Click here   Location: Central Library

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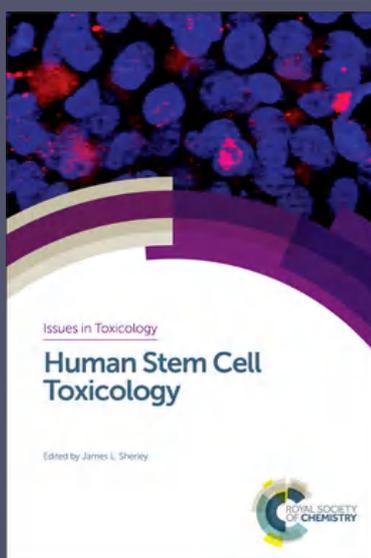**Electron microscopy: methods and protocols**

Author: Kuo, John

Accession Number: 25710

Call Number: 57.086.3 KUO-E

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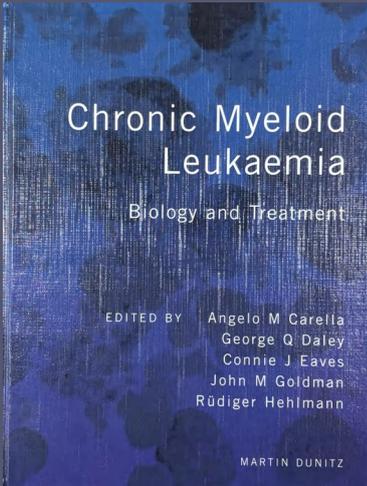
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Human stem cell toxicology

Author: Sherley, James L

Accession Number: 25714

Call Number: 615 SHE-H

OPAC Link: Click here   Location: Central Library

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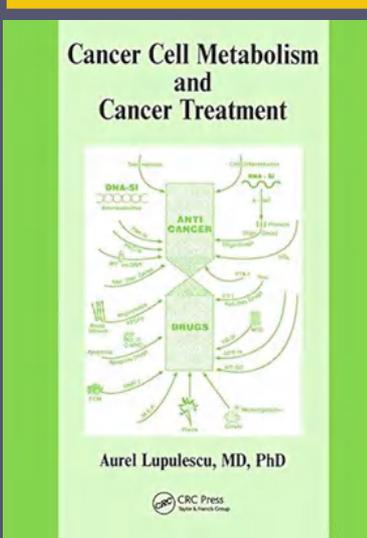## Chronic myeloid leukemia: biology and treatment

Author: Carella, Angelo M; Daley, George Q; Eaves, Connie J; Goldman, John M; Hehlmann, Rüdiger

Accession Number: 25718

Call Number: 616.155.392 CAR-C

OPAC Link: Click here | Location: Central Library

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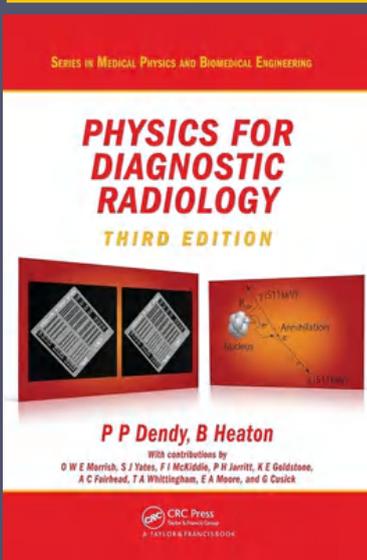## Cancer cell metabolism and cancer treatment

Author: Lupulescu, Aurel

Accession Number: 25719

Call Number: 616-006 LUP-C

OPAC Link: Click here | Location: Central Library

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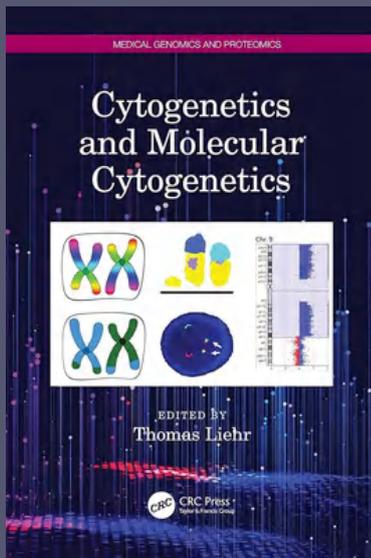## Physics for diagnostic radiology

Author: Dendy, P. P.

Accession Number: 25726

Call Number: 616-073 DEN-P

OPAC Link: Click here | Location: Central Library

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Cytogenetics and Molecular Cytogenetics
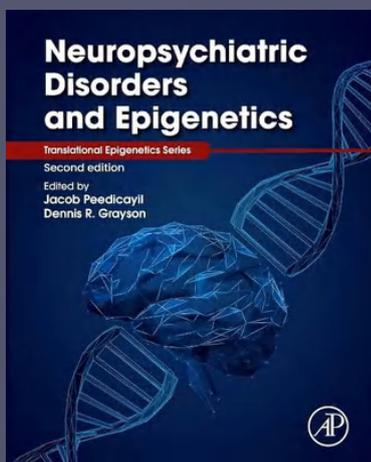
Cytogenetics and molecular cytogenetics

Author: Liehr, Thomas

Accession Number: 25728

Call Number: 575 LIE-C

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Neuropsychiatric Disorders and Epigenetics
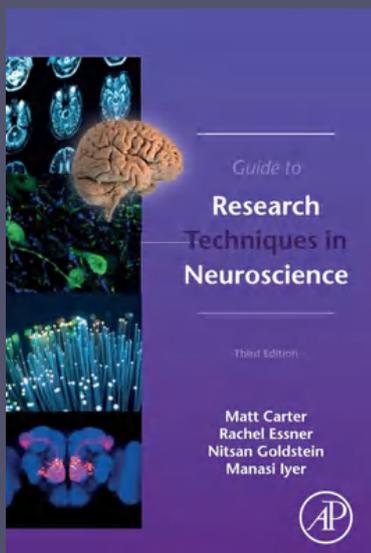
Neuropsychiatric disorders and epigenetics

Author: Peedicayil, Jacob; Grayson, Dennis R

Accession Number: 25760

Call Number: 616.8-009 PEE-N

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Guide to Research Techniques in Neuroscience
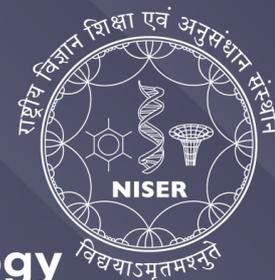
Guide to research techniques in neuroscience

Author: Carter, Matt; Essner, Rachel; Goldstein, Nitsan; Iyer, Manasi

Accession Number: 25761

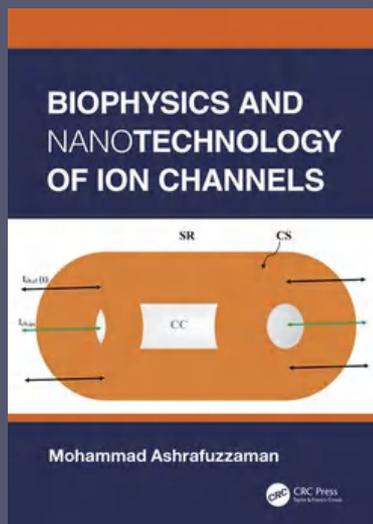Call Number: 616.8 CAR-G

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Biological Sciences

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Biophysics and nanotechnology of ion channels

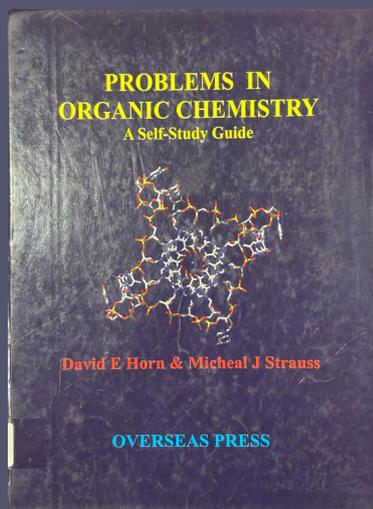Author: Ashrafuzzaman, Mohammad

Accession Number: 25762

Call Number: 577 ASH-B

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Chemical Sciences

01
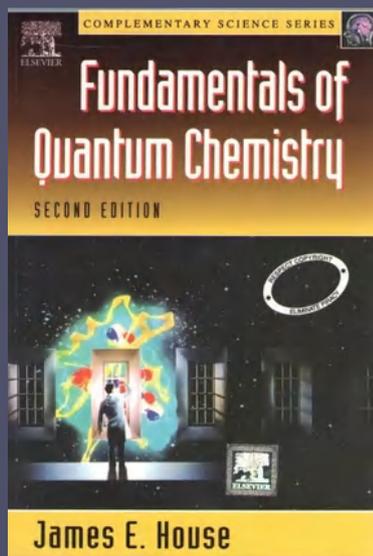
Problems in organic chemistry: a self-study guide

Author: Horn, David E.; Strauss, Michael J

Accession Number: 25672

Call Number: 547(036) HOR-P

OPAC Link: Click here   Location: Central Library
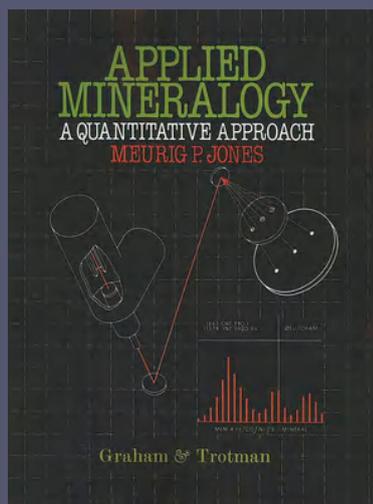
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Fundamentals of quantum chemistry

Author: House, James E.

Accession Number: 25708

Call Number: 544.18 HOU-F

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Chemical Sciences

03

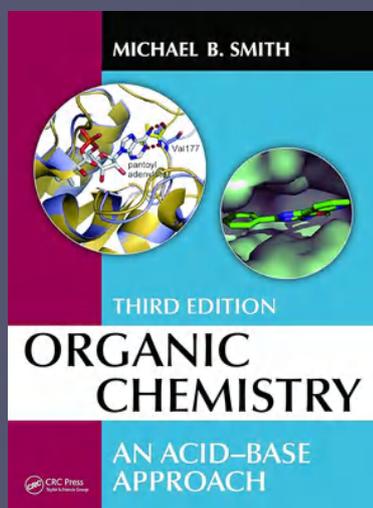## Applied mineralogy: a quantitative approach

Author: Jones, Meurig P.

Accession Number: 25734

Call Number: 549 JON-A

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04

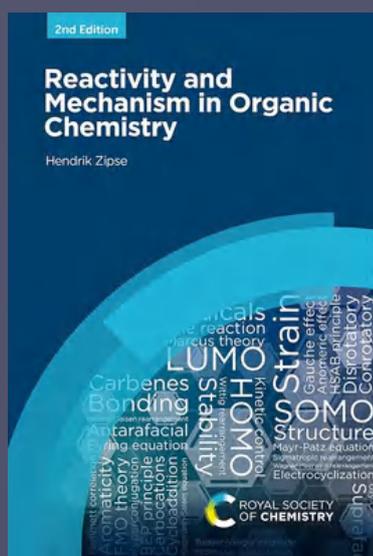## Organic chemistry: an acid-base approach

Author: Smith, Michael B.

Accession Number: 25741

Call Number: 547 SMI-O

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Reactivity and mechanism in organic chemistry
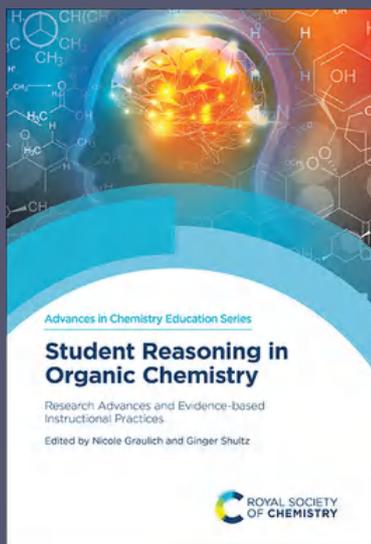
Author: Zipse, Hendrik

Accession Number: 25755

Call Number: 547 ZIP-R

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Chemical Sciences

06

Student reasoning in organic chemistry: research advances and evidence-based instructional practices
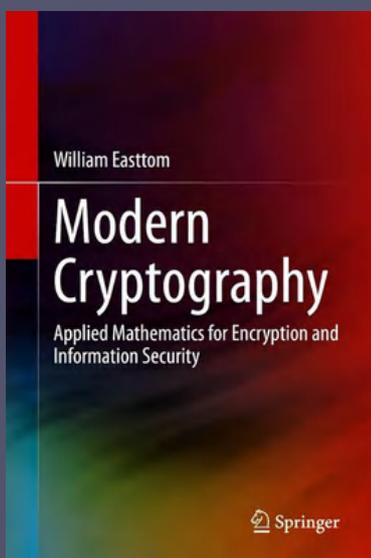
Author: Graulich, Nicole; Shultz, Ginger

Accession Number: 25756

Call Number: 547 GRA-S

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Computer Sciences

01

Modern cryptography: applied mathematics for encryption and information security

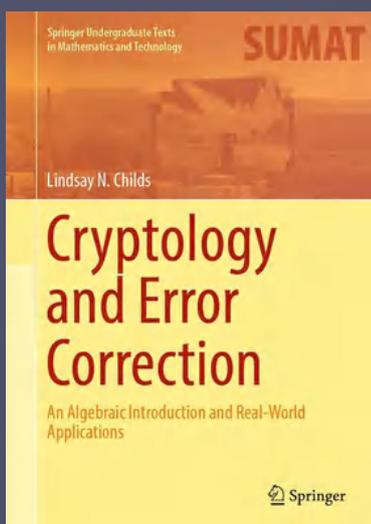Author: Easttom, William

Accession Number: 25678

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Cryptology and error correction: an algebraic introduction and real-world applications
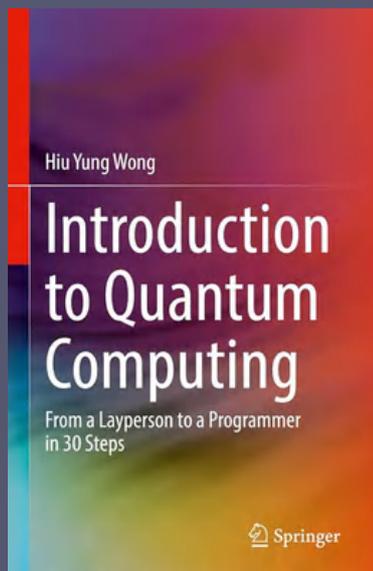
Author: Childs, Lindsay N.

Accession Number: 25679

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Computer Sciences

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Introduction to quantum computing: from a layperson to a programmer in 30 steps
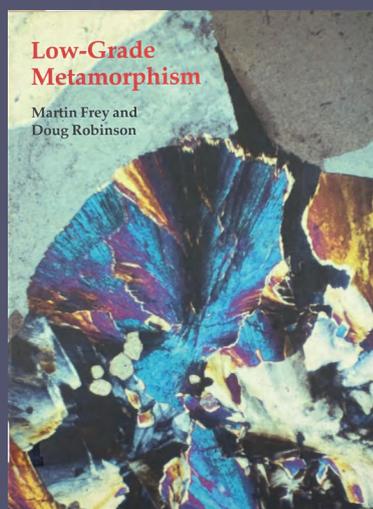
Author: Wong, Hiu Yung

Accession Number: 25730

Call Number: 004.5 WON-I

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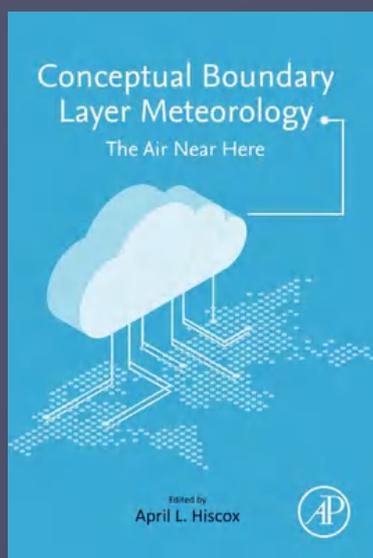# Earth and Planetary Sciences

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Low-grade metamorphism

Author: Frey, Martin; Robinson, Doug

Accession Number: 25735

Call Number: 552.16 FRE-L

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02

Conceptual boundary layer meteorology: the air near here

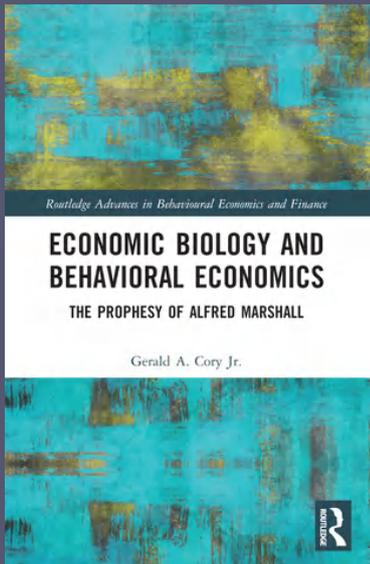Author: Hiscox, April L

Accession Number: 25757

Call Number: 551.5 HIS-C

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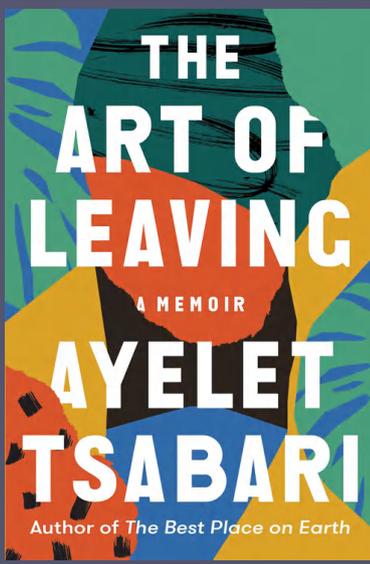**Economic biology and behavioral economics: the prophesy of alfred marshall**

Author: Cory, Gerald A.

Accession Number: 25659

Call Number: 330.16 COR-E

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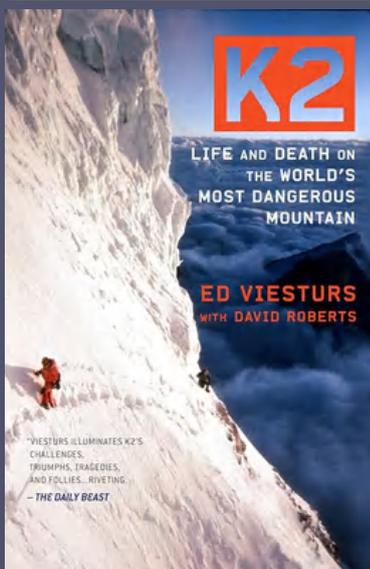
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Art of leaving: a memoir

Author: Tsabari, Ayelet

Accession Number: 25661

Call Number: 82-312.1 TSA-A

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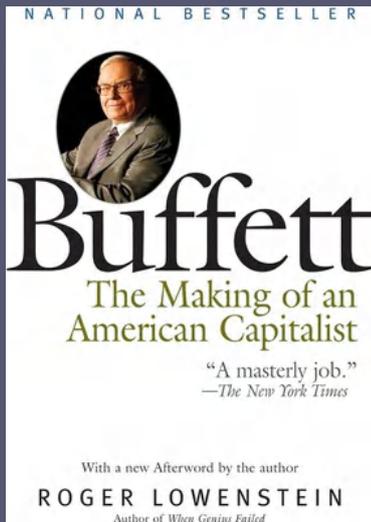**K2: life and death on the world's most dangerous mountain**

Author: Viesturs, Ed.

Accession Number: 25662

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04

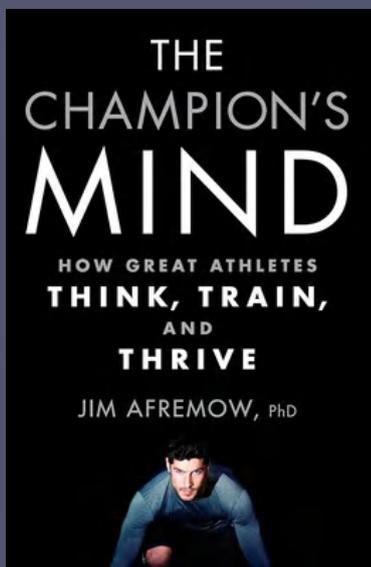**Buffett: the making of an american capitalist**

Author: Lowenstein, Roger

Accession Number: 25663

Call Number: 330.322 LOW-B

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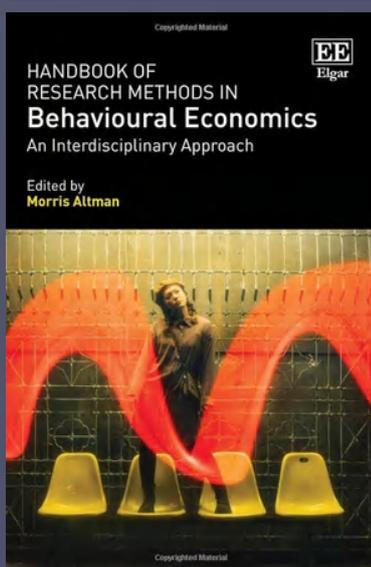**Champion's mind: how great athletes think, train, and thrive**

Author: Afremow, Jim

Accession Number: 25664

Call Number: 796.01 AFR-C

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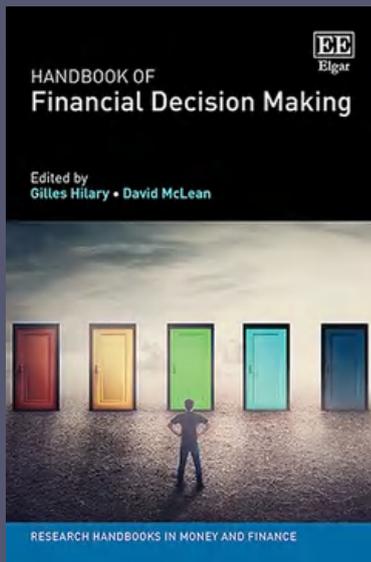**Handbook of research methods in behavioural economics: an interdisciplinary approach**

Author: Altman, Morris

Accession Number: 25665

Call Number: 330.16(035) ALT-H

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Humanities & Social Sciences

07

Handbook of financial decision making
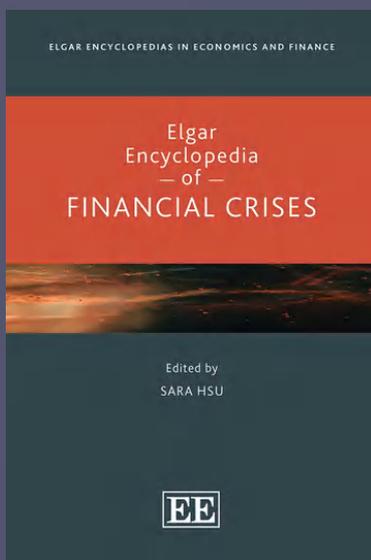
Author: Hilary, Gilles; McLean, David

Accession Number: 25666

Call Number: 330.322(035) HIL-H

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Elgar encyclopedia of financial crises

Author: Hsu, Sara

Accession Number: 25667

Call Number: 338(031) HSU-E

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Research handbook of financial markets
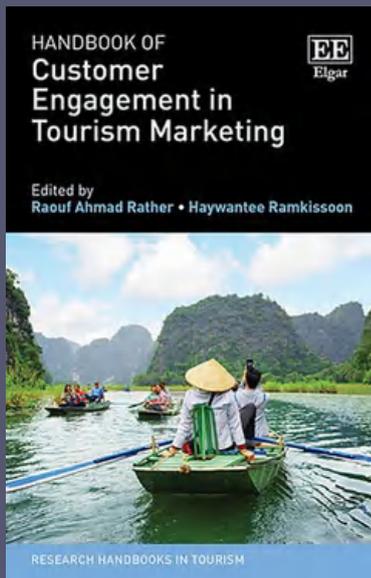
Author: Gurkaynak, Refet S; Wright, Jonathan H

Accession Number: 25668

Call Number: 336.76(035) GUR-R

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Humanities & Social Sciences

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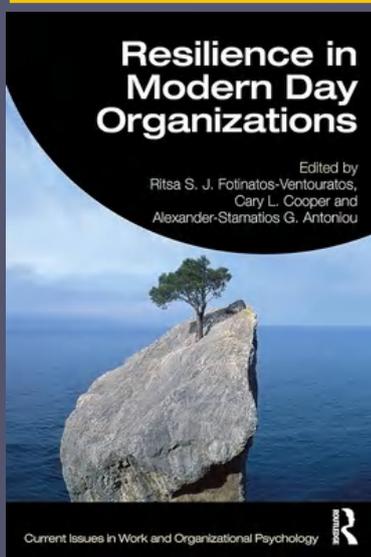
Handbook of customer engagement in tourism marketing

Author: Rather, Raouf Ahmad; Ramkissoon, Haywantee

Accession Number: 25677

Call Number: 338.487:659.1(035) RAT-H

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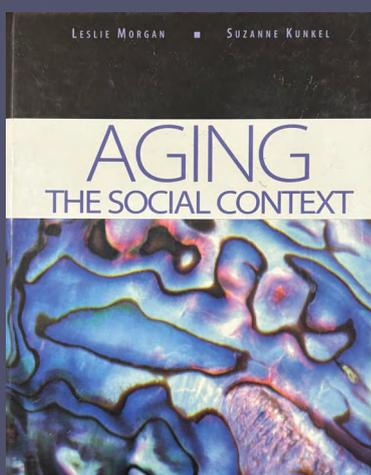
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Resilience in modern day organizations

Author: Fotinatos-Ventouratos, Ritsa S. J; Cooper, Cary L; Antoniou, Alexander-Stamatios G

Accession Number: 25685

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Aging: the social context

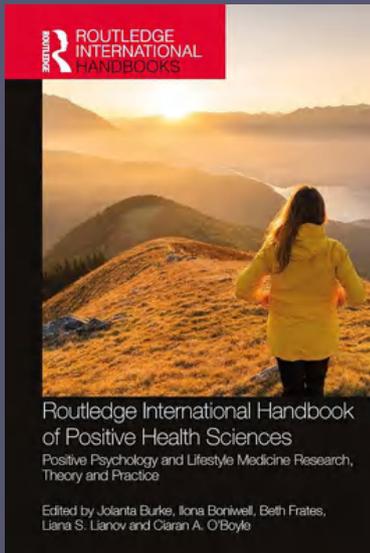Author: Morgan, Leslie; Kunkel, Suzanne

Accession Number: 25705

Call Number: 316.346.32 MOR-A

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Routledge international handbook of positive health sciences: positive psychology and lifestyle medicine research, theory and practice

Author: Burke, Jolanta; Boniwell, Ilona; Frates, Beth; Lianov, Liana S ; O'Boyle, Ciaran A
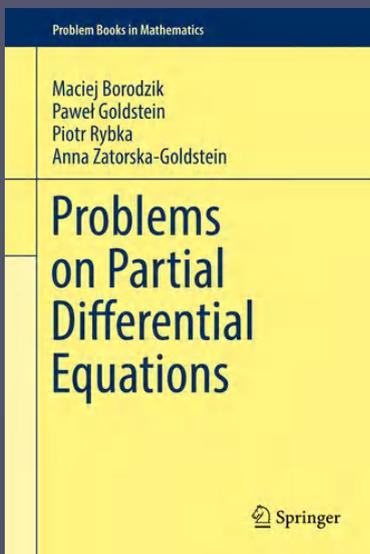
Accession Number: 25729

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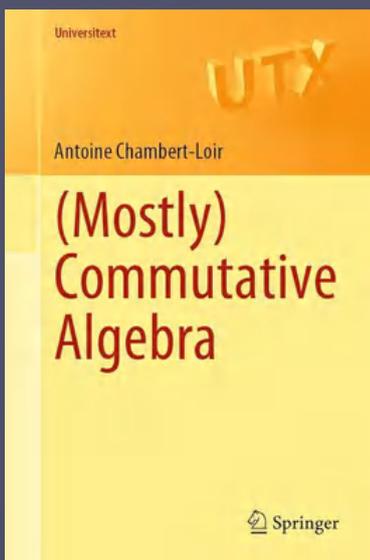
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Problems on partial differential equations

Author: Borodzik, Maciej; Goldstein, Paweł; Rybka, Piotr; Zatorska-Goldstein, Anna

Accession Number: 25670

Call Number: 517.95 BOR-P

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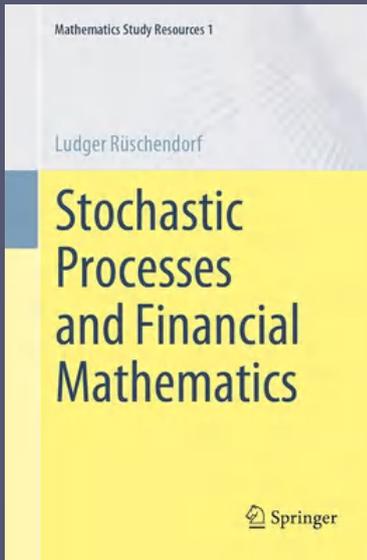
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(Mostly) commutative algebra

Author: Chambert-Loir, Antoine

Accession Number: 25671

Call Number: 512 CHA-M

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03

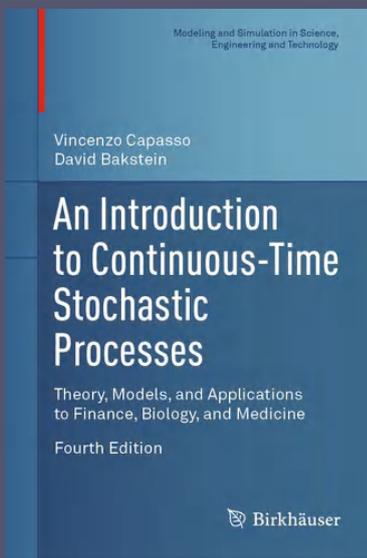**Stochastic processes and financial mathematics**

Author: Rüschendorf, Ludger

Accession Number: 25681

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Introduction to continuous-time stochastic processes: theory, models, and applications to finance, biology, and medicine
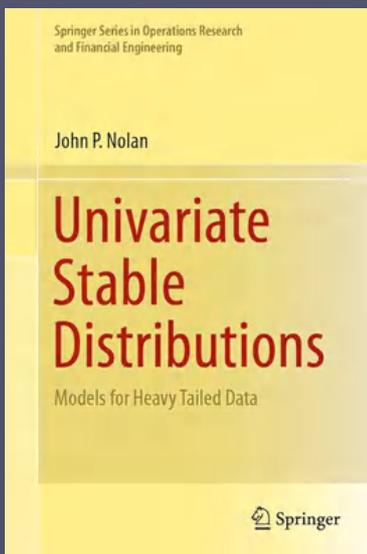
Author: Capasso, Vincenzo

Accession Number: 25682

Call Number: 519.21 CAP-I

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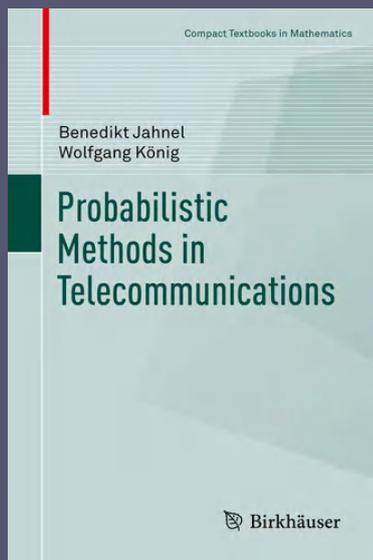**Univariate stable distributions: models for heavy tailed data**

Author: Nolan, John P.

Accession Number: 25683

Call Number: 519.25 NOL-U

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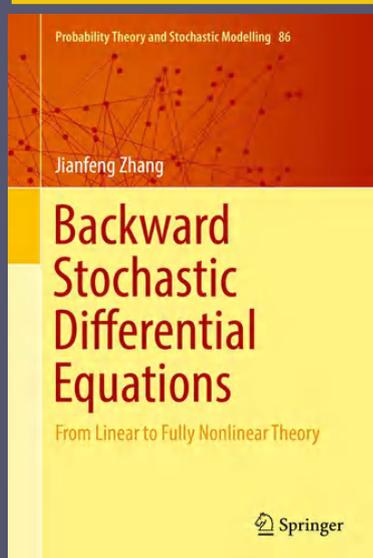## Probabilistic methods in telecommunications

Author: Jahnel, Benedikt

Accession Number: 25684

Call Number: 519.21 JAH-P

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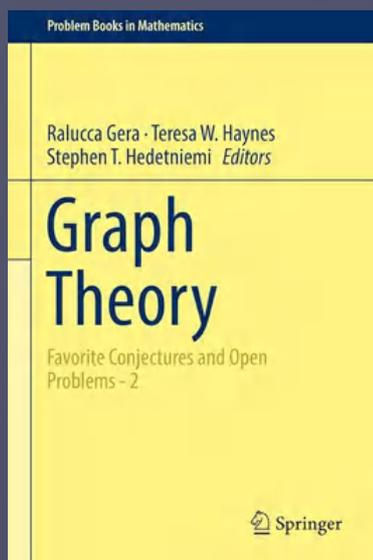## Backward stochastic differential equations: from linear to fully nonlinear theory

Author: Zhang, Jianfeng

Accession Number: 25711

Call Number: 519.21 ZHA-B

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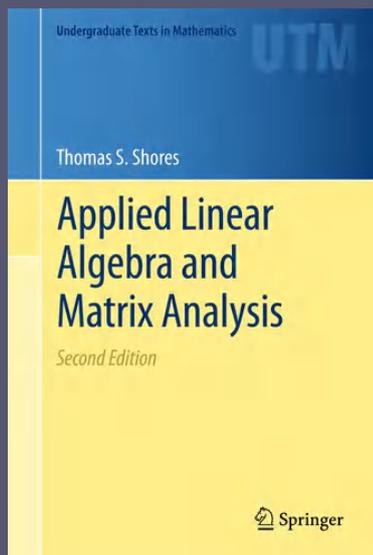## Graph theory: favorite conjectures and open problems - 2

Author: Gera, Ralucca; Haynes, Teresa W; Hedetniemi, Stephen T

Accession Number: 25712

Call Number: 519.17 GER-G

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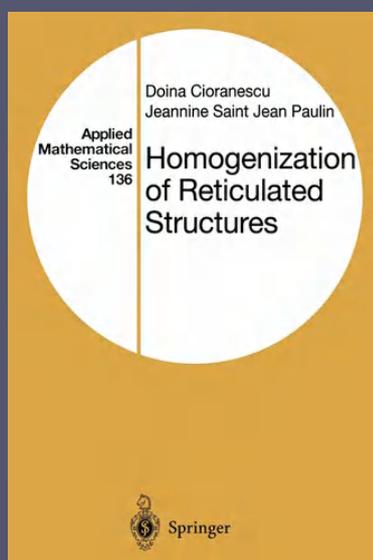**Applied linear algebra and matrix analysis**

Author: Shores, Thomas S.

Accession Number: 25713

Call Number: 512.64 SHO-A

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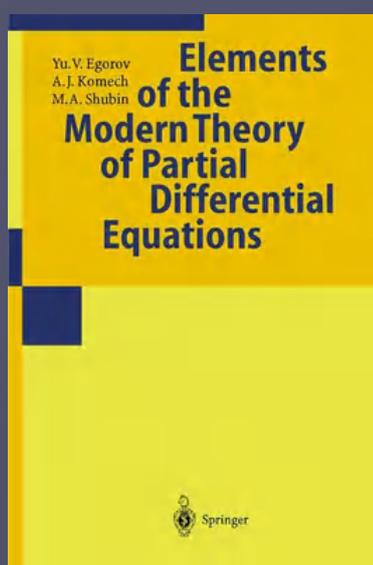
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Homogenization of reticulated structures

Author: Cioranescu, Doina; Saint-Jean-Paulin, Jeannine

Accession Number: 25715

Call Number: 511 CIO-H

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Elements of the modern theory of partial differential equations
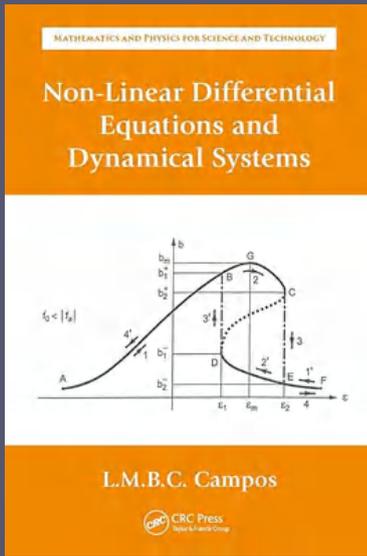
Author: Egorov, Yu. V. ; Komech, A. I; Shubin, M. A

Accession Number: 25716

Call Number: 517.95 EGO-E

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Mathematical Sciences

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Non-linear differential equations and dynamical systems

Author: Campos, Luis Manuel Braga da Costa

Accession Number: 25722

Call Number: 517.9 CAM-N

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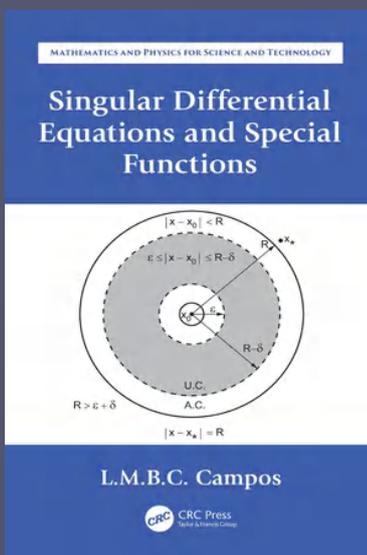
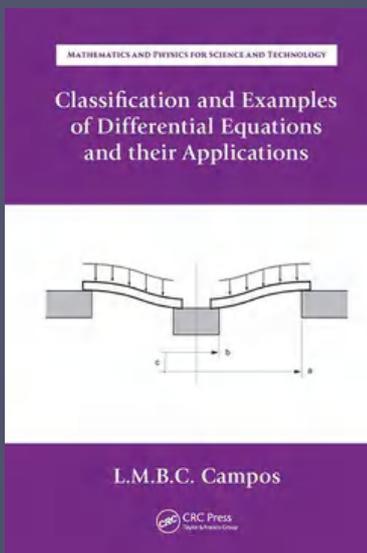**Singular differential equations and special functions**

Author: Campos, Luis Manuel Braga da Costa

Accession Number: 25724

Call Number: 517.9 CAM-S

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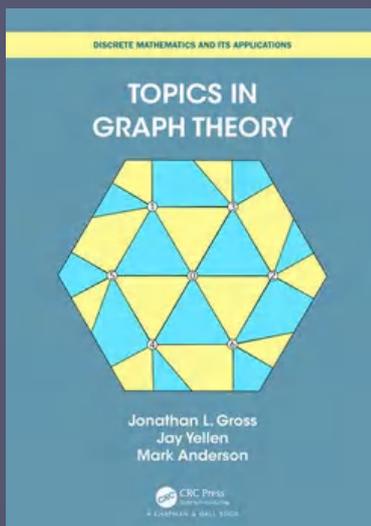**Classification and examples of differential equations and their applications**

Author: Campos, Luis Manuel Braga da Costa

Accession Number: 25725

Call Number: 517.9 CAM-C

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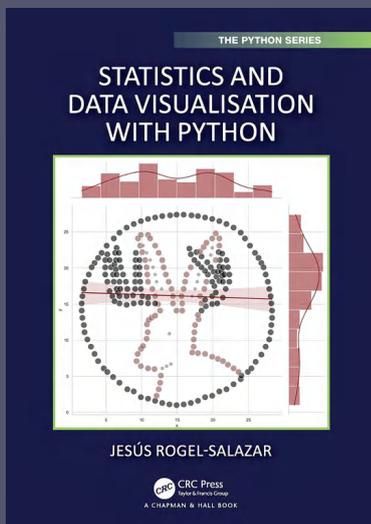
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Topics in graph theory

Author: Gross, Jonathan L

Accession Number: 25727

Call Number: 519.17 GRO-T

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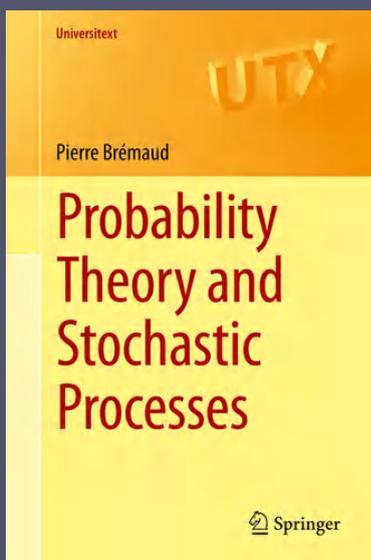**Statistics and data visualisation with python**

Author: Rogel-Salazar, Jesus

Accession Number: 25731

Call Number: 519.22 ROG-S

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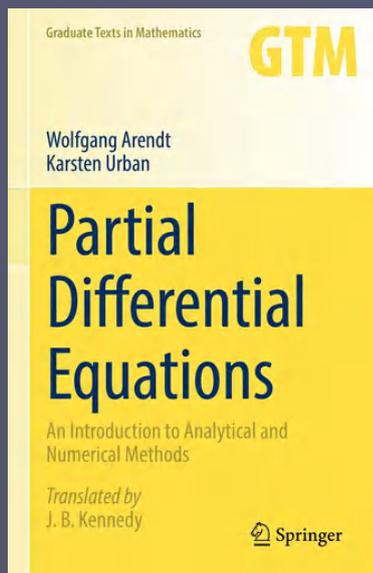
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Probability theory and stochastic processes

Author: Brémaud, Pierre

Accession Number: 25732

Call Number: 519.21 BRE-P

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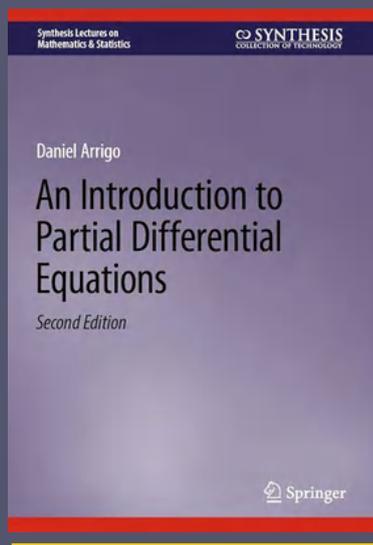## Partial differential equations: an introduction to analytical and numerical methods

Author: Arendt, Wolfgang; Urban, Karsten; Kennedy, J. B

Accession Number: 25733

Call Number: 517.95 ARE-P

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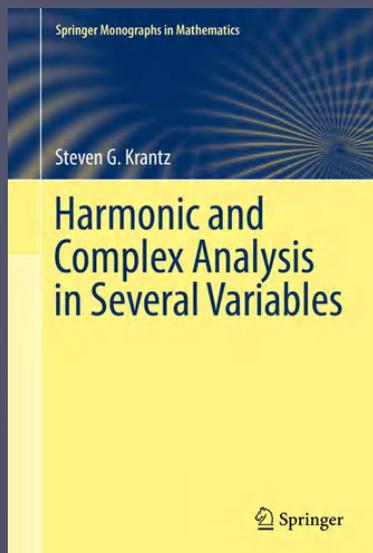
19

Introduction to partial differential equations

Author: Arrigo, Daniel

Accession Number: 25749

Call Number: 517.95 ARR-I

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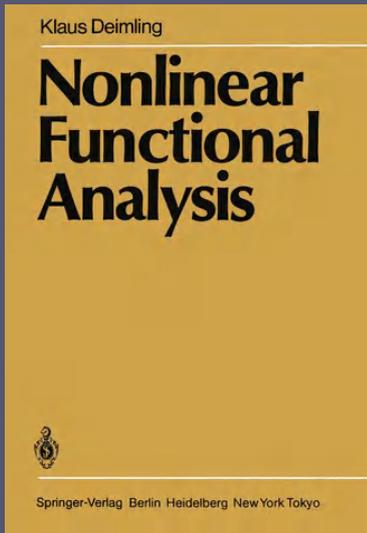
Harmonic and complex analysis in several variables

Author: Krantz, Steven G.

Accession Number: 25750

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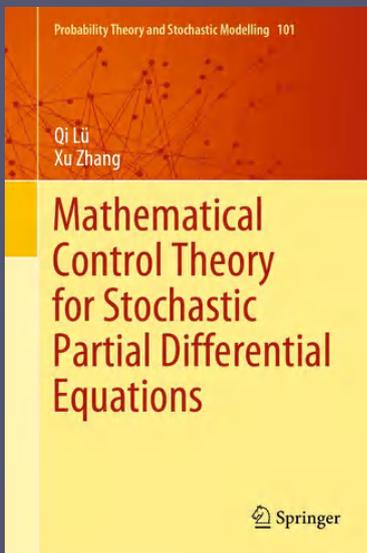
21

Nonlinear functional analysis

Author: Deimling, Klaus

Accession Number: 25751

Call Number: 517.988 DEI-N

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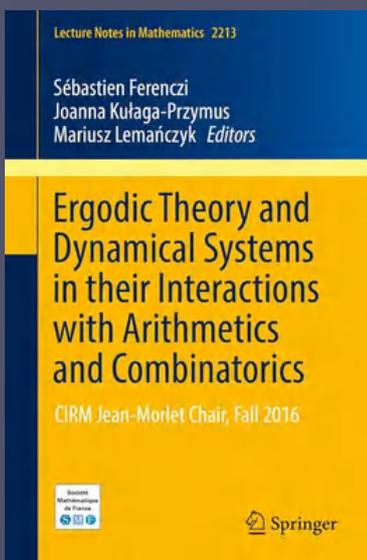**Mathematical control theory for stochastic partial differential equations**

Author: Lu, Qi; Zhang, Xu

Accession Number: 25752

Call Number: 519.21 LU-M

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Ergodic theory and dynamical systems in their interactions with arithmetics and combinatorics: Cirm Jean-Morlet chair, fall 2016

Author: Ferenczi, Sébastien; Kułaga-Przymus, Joanna; Lemańczyk, Mariusz
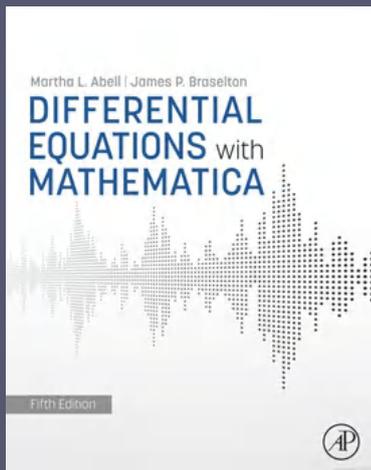
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Differential equations with mathematica

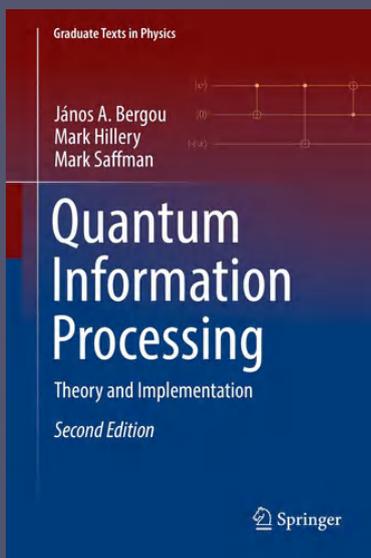Author: Abell, Martha L.; Braselton, James P

Accession Number: 25754

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Physical Sciences

01

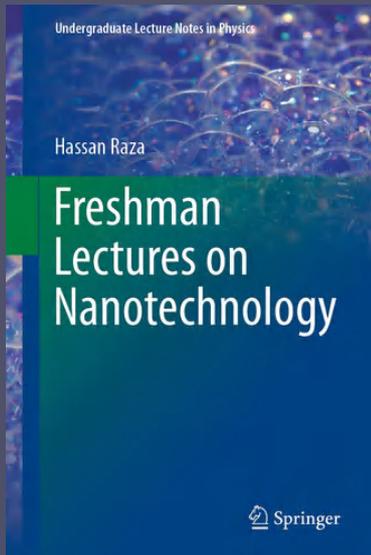**Quantum information processing: theory and implementation**

Author: Bergou, János A; Hillery, Mark; Saffman, Mark

Accession Number: 25669

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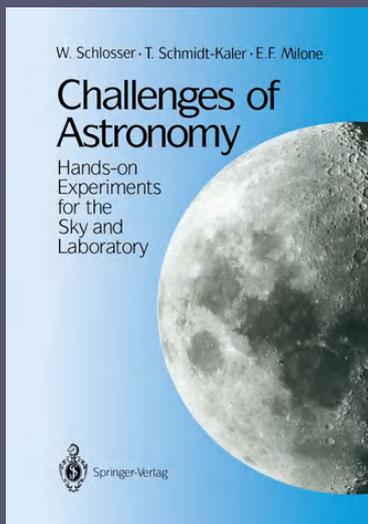**Freshman lectures on nanotechnology**

Author: Raza, Hassan

Accession Number: 25693

Call Number: 620.3 RAZ-F

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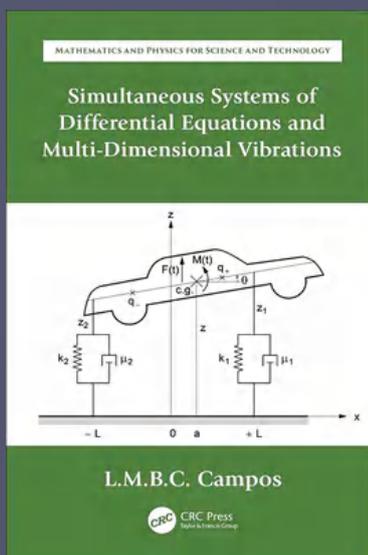## Challenges of astronomy: hands-on experiments for the sky and laboratory

Author: Schlosser, W.; Schmidt-Kaler, T; Milone, E. F

Accession Number: 25717

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Simultaneous systems differential equations and multi-dimensional vibrations

Author: Campos, Luis Manuel Braga da Costa

Accession Number: 25720

Call Number: 531.01 CAM-S

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Linear differential equations and oscillators

Author: Campos, Luis Manuel Braga da Costa

Accession Number: 25721

Call Number: 621.8 CAM-L

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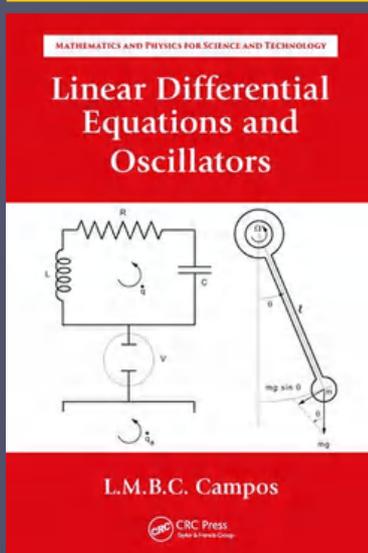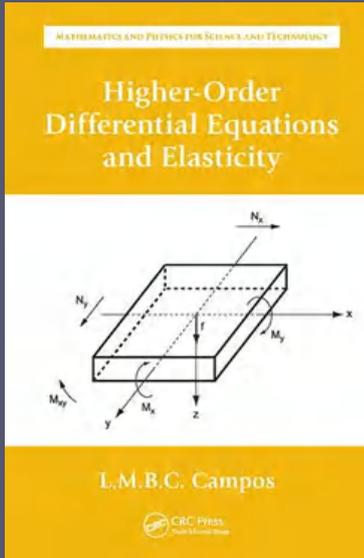## 06
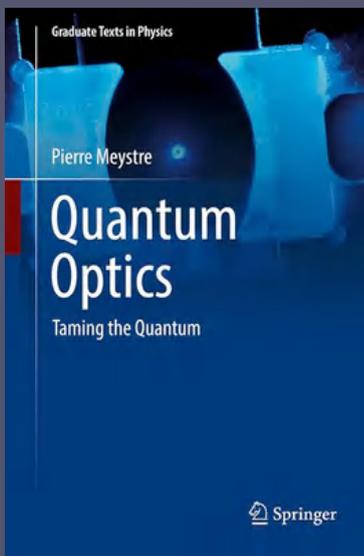### Higher-order differential equations and elasticity

Author: Campos, Luis Manuel Braga da Costa

Accession Number: 25723

Call Number: 531.01 CAM-H

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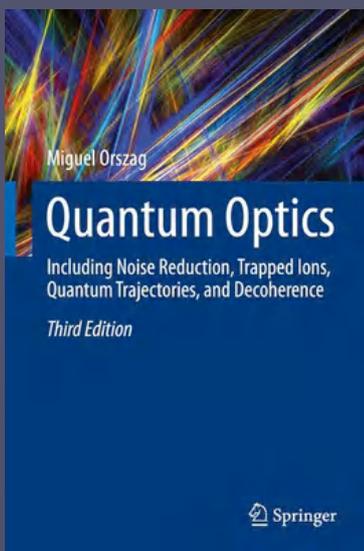### Quantum optics: taming the quantum

Author: Meystre, Pierre

Accession Number: 25736

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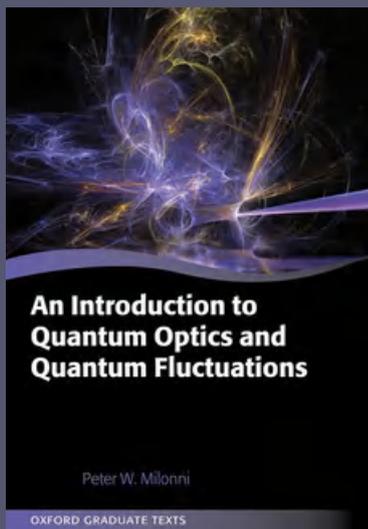### Quantum optics: including noise reduction, trapped ions, quantum trajectories, and decoherence

Author: Orszag, Miguel

Accession Number: 25737

Call Number: 535.14 ORS-Q

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Introduction to quantum optics and quantum fluctuations
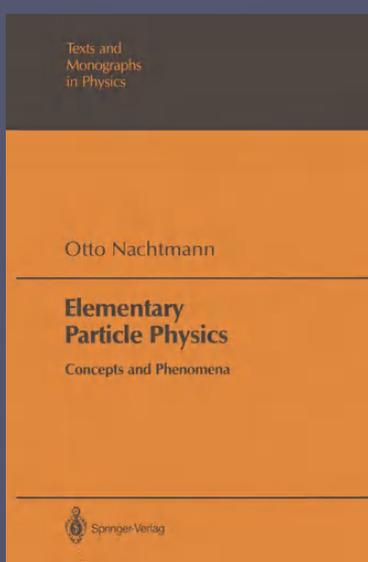
Author: Milonni, Peter W.

Accession Number: 25738

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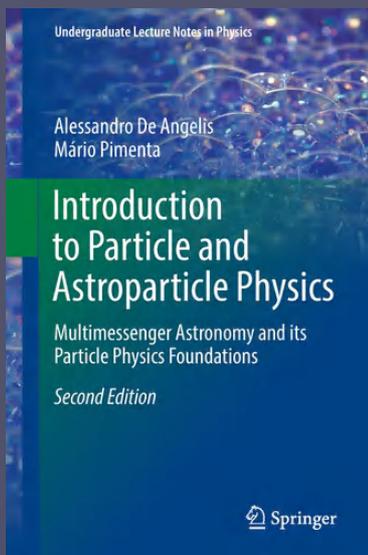**Elementary particle physics: concepts and phenomena**

Author: Nachtmann, Otto

Accession Number: 25747

Call Number: 539.12 NAC-E

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Introduction to particle and astroparticle physics: multimessenger astronomy and its particle physics foundations

Author: De Angelis, Alessandro; Pimenta, Mário

Accession Number: 25748

Call Number: 539.12 ANG-I

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Getting the measure of the stars

Author: Cooper, W. A.; Walker, E. N

Accession Number: 25795

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