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TABLE OF SUBJECTS

3 — Biological Sciences

4 — Chemical Sciences

5 — Computer Sciences

5 — Earth & Planetary Sciences

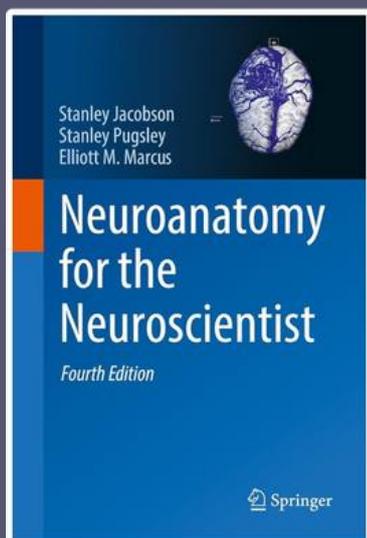
12 — Humanities & Social Sciences

12 — Mathematical Sciences

15 — Physical Sciences

Biological Sciences

01



Neuroanatomy for the neuroscientist

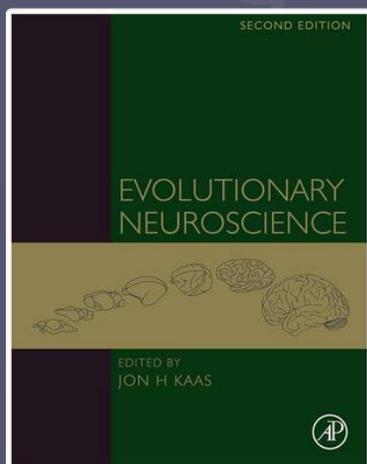
Author: Jacobson, Stanley

Accession Number: 26446

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02



Evolutionary neuroscience

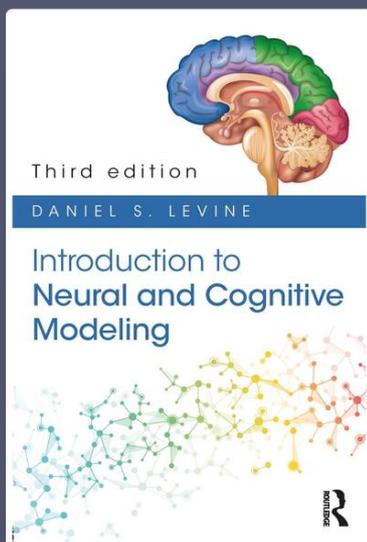
Author: Kaas, Jon H.

Accession Number: 26448

Call Number: 616.8 KAA-E

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03



Introduction to neural and cognitive modeling

Author: Levine, Daniel S.

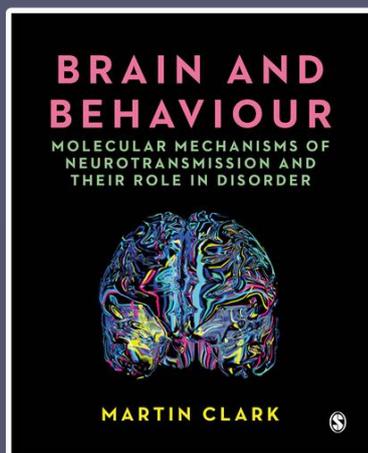
Accession Number: 26450

Call Number: 616.89 LEV-I

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Biological Sciences

04



Brain and behaviour: molecular mechanisms of neurotransmission and their role in disorder

Author: Clark, Martin

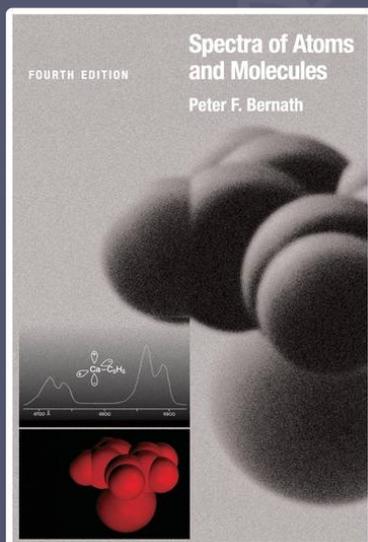
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Chemical Sciences

01



Spectra of atoms and molecules

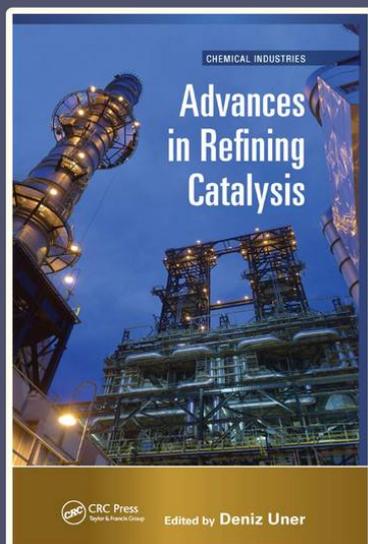
Author: Bernath, Peter F

Accession Number: 26461

Call Number: 543.42 BER-S

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02



Advances in refining catalysis

Author: Uner, Deniz

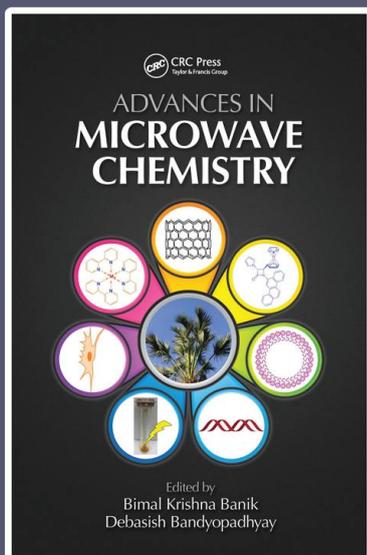
Accession Number: 26464

Call Number: 665.66 UNE-A

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Chemical Sciences

03



Advances in microwave chemistry

Author: Banik, Bimal Krishna

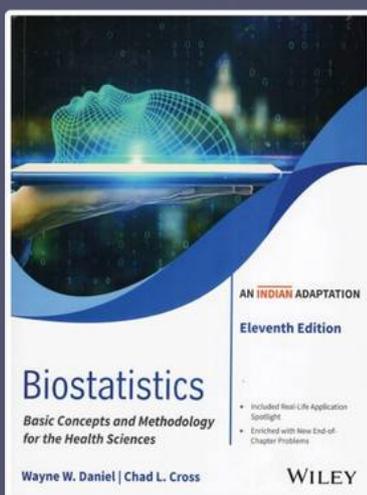
Accession Number: 26465

Call Number: 54-732 BAN-A

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Computer Sciences

01



Quantum technologies: for engineers

Author: Müller, Rainer

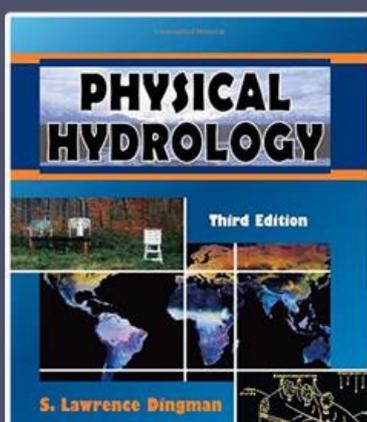
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Earth & Planetary Sciences

01



Physical hydrology

Author: Dingman, S. Lawrence

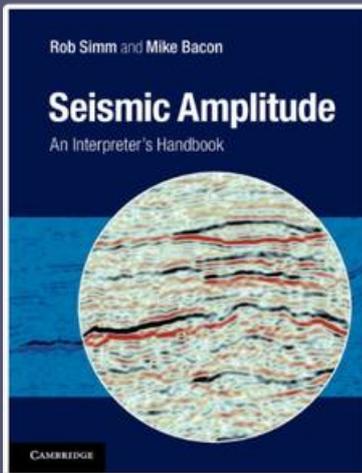
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Earth & Planetary Sciences

02



Seismic amplitude: an interpreter's handbook

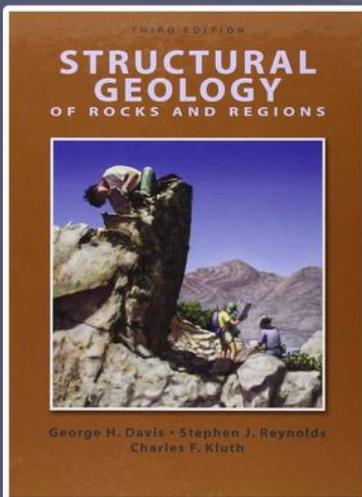
Author: Simm, Rob

Accession Number: 26423

Call Number: 622.01 SIM-S

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Structural geology of rocks and regions

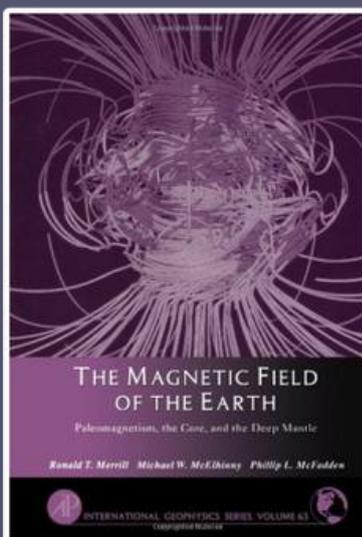
Author: Davis, George H.

Accession Number: 26424

Call Number: 551.243 DAV-S

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Magnetic field of the earth: paleomagnetism, the core, and the deep mantle

Author: Merrill, Ronald T.

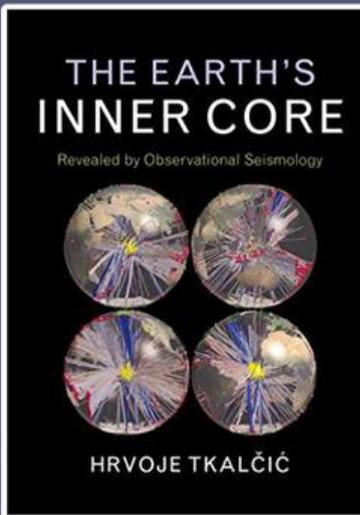
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Earth & Planetary Sciences

05



Earth's inner core: revealed by observational seismology

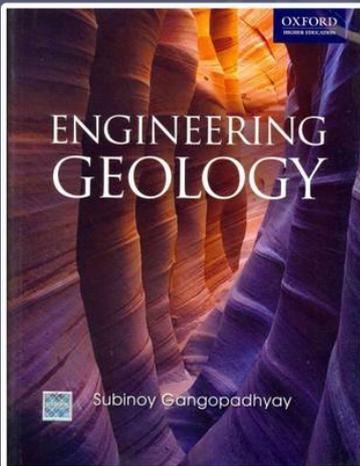
Author: Tkalčić, Hrvoje

Accession Number: 26427

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06



Engineering geology

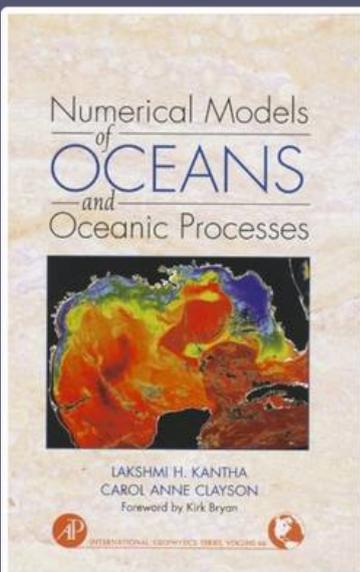
Author: Gangopadhyay, Subinoy

Accession Number: 26429

Call Number: 624.131.1 GAN-E

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07



Numerical models of oceans and oceanic processes

Author: Kantha, Lakshmi H.

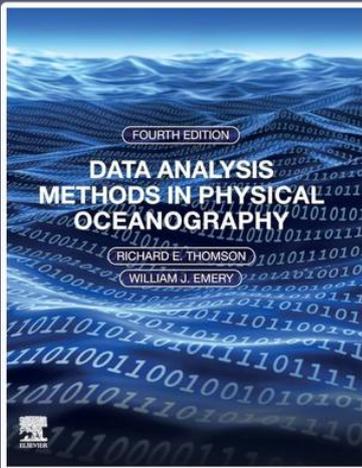
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Earth & Planetary Sciences

08



Data analysis methods in physical oceanography

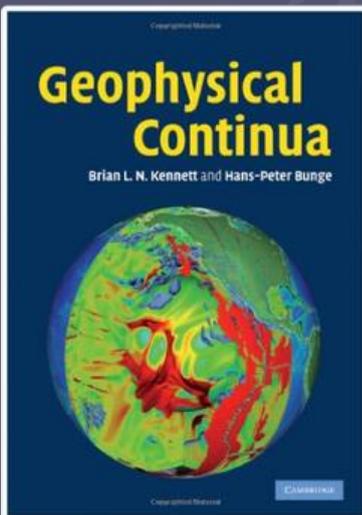
Author: Thomson, Richard E.

Accession Number: 26460

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Geophysical continua: deformation in the Earth's interior

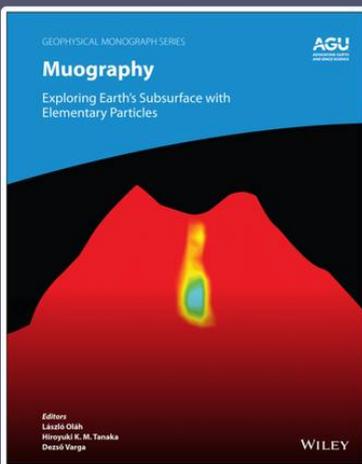
Author: Kennett, B. L. N.

Accession Number: 26469

Call Number: 551.1 KEN-G

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Muography: exploring Earth's subsurface with elementary particles

Author: Oláh, László

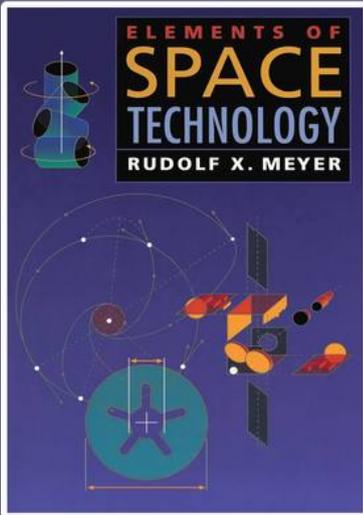
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Earth & Planetary Sciences

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Elements of space technology for aerospace engineers

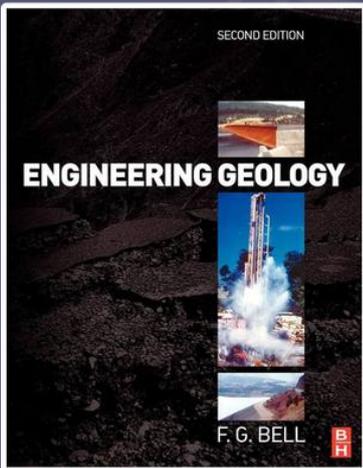
Author: Meyer, Rudolph X.

Accession Number: 26476

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Engineering geology

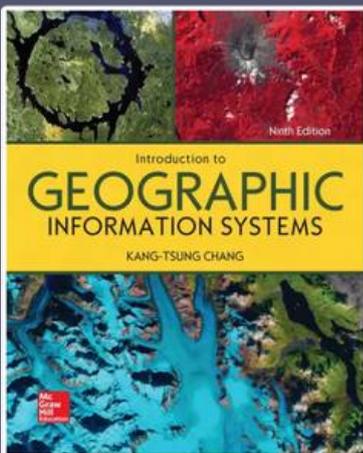
Author: Bell, F. G.

Accession Number: 26477

Call Number: 624.131.1 BEL-E

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13



Introduction to geographic information systems

Author: Chang, Kang-Tsung

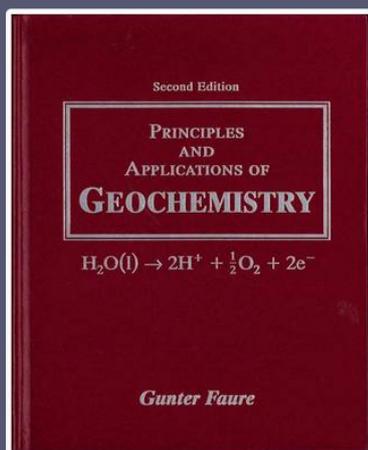
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Earth & Planetary Sciences

14



Principles and applications of geochemistry: a comprehensive textbook for geology students

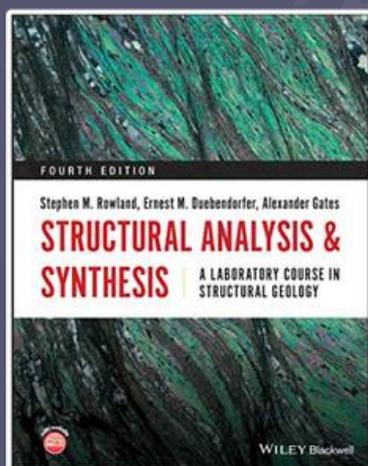
Author: Faure, Gunter

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Structural analysis and synthesis: a laboratory course in structural geology

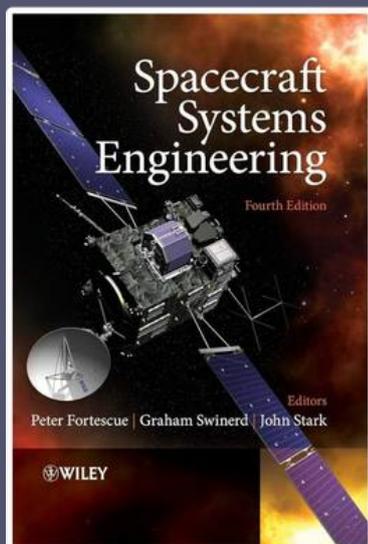
Author: Rowland, Stephen M.

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Spacecraft systems engineering

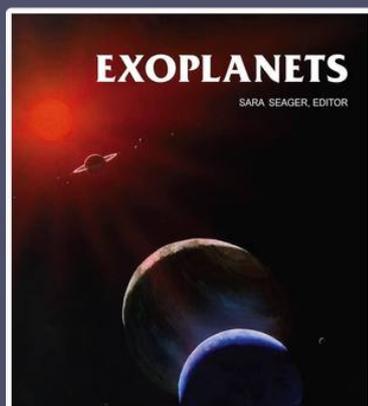
Author: Fortescue, Peter

Accession Number: 26482

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Exoplanets

Author: Seager, Sara

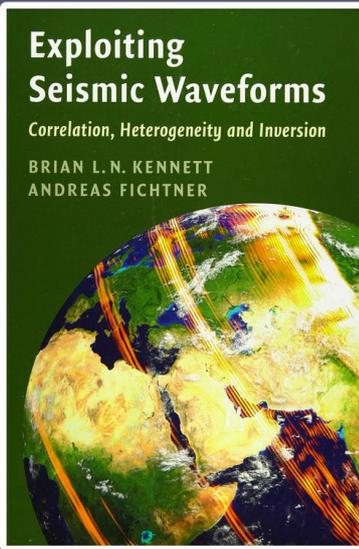
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Earth & Planetary Sciences

18



Exploiting seismic waveforms: correlation, heterogeneity and inversion

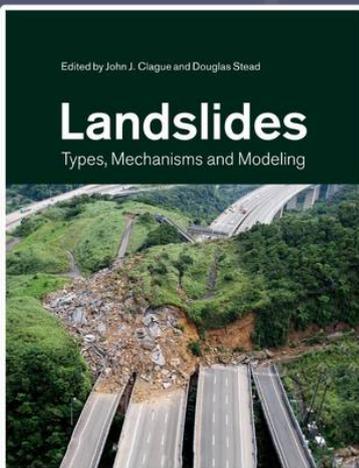
Author: Kennett, Brian L. N.

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Landslides: types, mechanisms and modeling

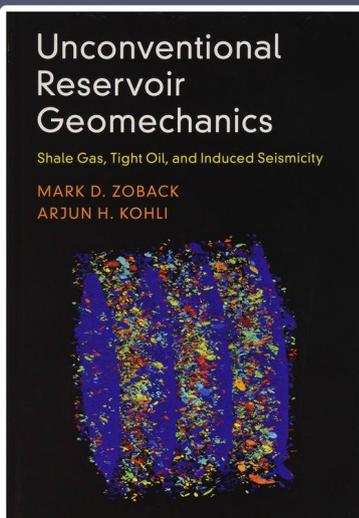
Author: Clague, John J.

Accession Number: 26493

Call Number: 551.435.62 CLA-L

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20



Unconventional reservoir geomechanics: shale gas, tight oil, and induced seismicity

Author: Zoback, Mark D.

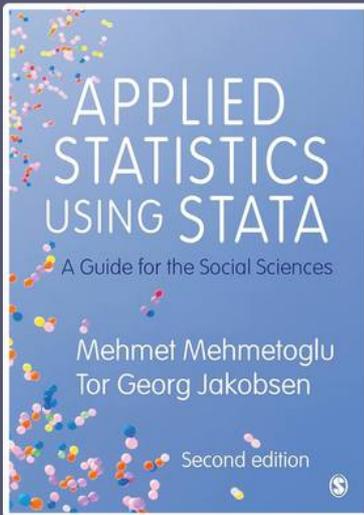
Accession Number: 26494

Call Number: 553.98 ZOB-U

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Humanities & Social Sciences

01



Applied statistics using Stata: a guide for the social sciences

Author: Mehmetoglu, Mehmet

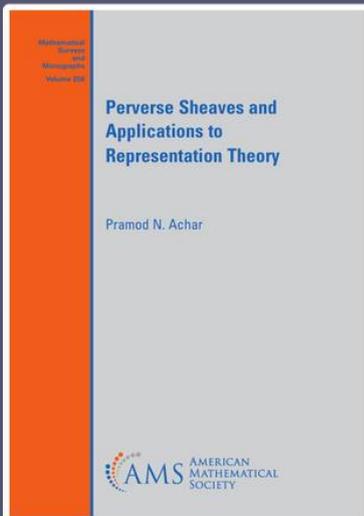
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Mathematical Sciences

01



Perverse sheaves and applications to representation theory

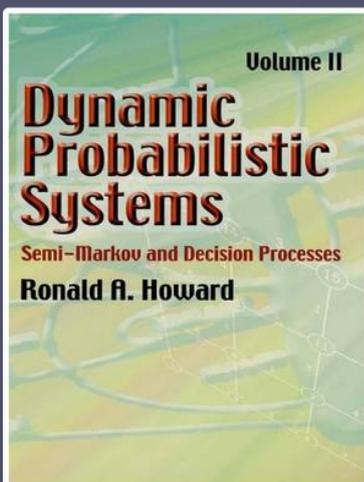
Author: Achar, Pramod N.

Accession Number: 26428

Call Number: 512.54 ACH-P

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02



Dynamic probabilistic systems, volume II: semi-markov and decision processes

Author: Howard, Ronald A.

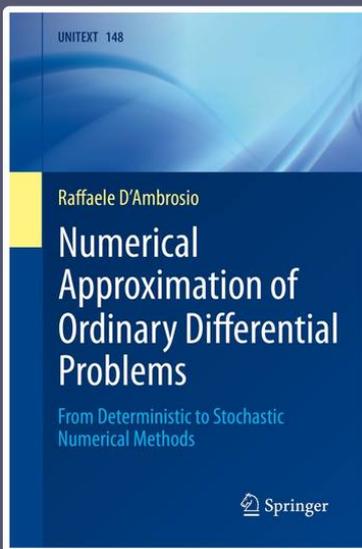
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Mathematical Sciences

03



Numerical approximation of ordinary differential problems: from deterministic to stochastic numerical methods

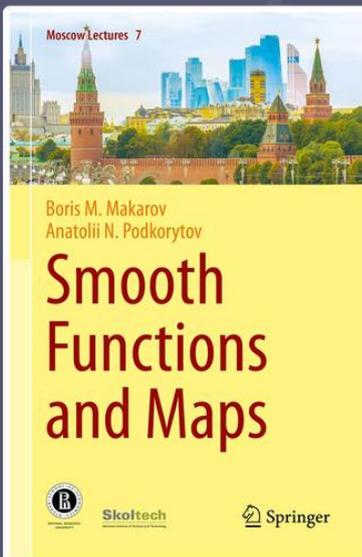
Author: D'Ambrosio, Raffaele

Accession Number: 26438

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Smooth functions and maps

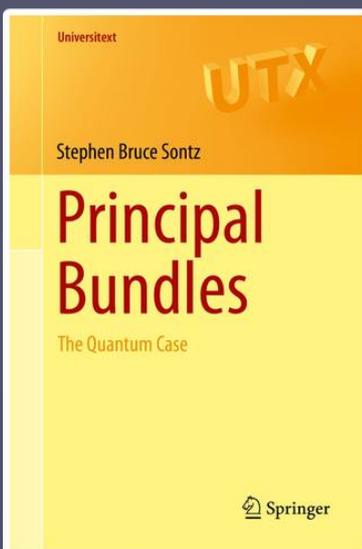
Author: Makarov, Boris M.

Accession Number: 26444

Call Number: 515.16 MAK-S

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05



Principal bundles: the classical case

Author: Sontz, Stephen Bruce

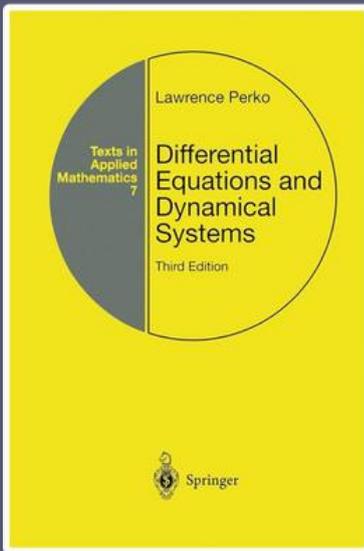
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Mathematical Sciences

06



Differential equations and dynamical systems

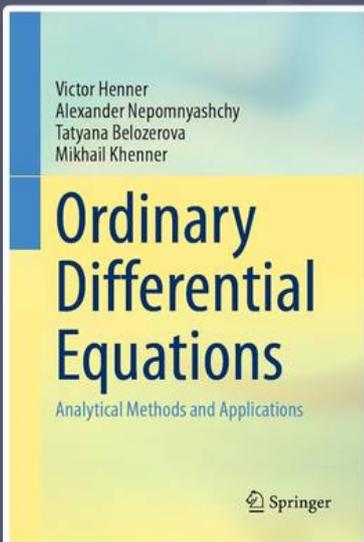
Author: Perko, Lawrence

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07



Ordinary differential equations: analytical methods and applications

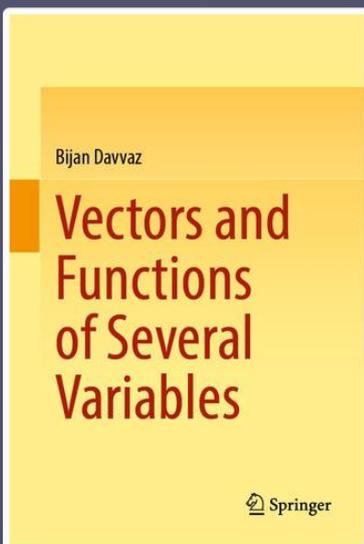
Author: Henner, Victor

Accession Number: 26472

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Vectors and functions of several variables

Author: Davvaz, Bijan

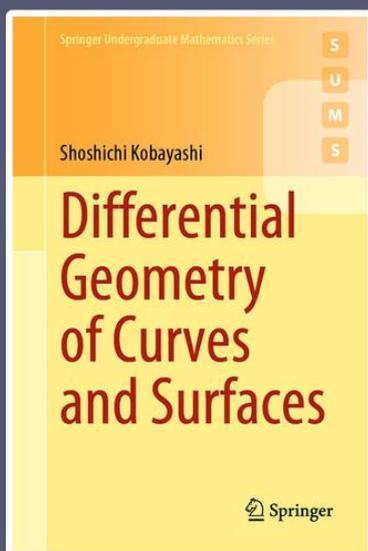
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Mathematical Sciences

09



Differential geometry of curves and surfaces

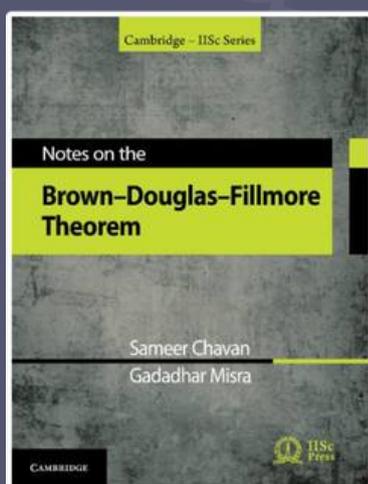
Author: Kobayashi, Shoshichi

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Notes on the Brown-Douglas-Fillmore theorem

Author: Chavan, Sameer

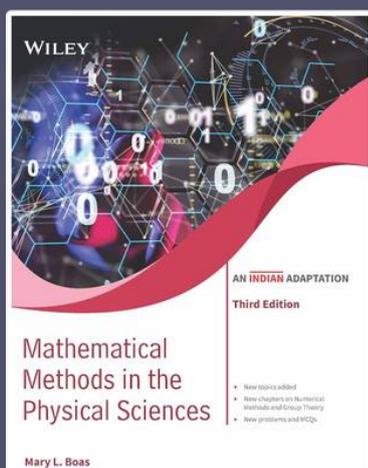
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Physical Sciences

01



Mathematical methods in the physical sciences

Author: Boas, Mary L.

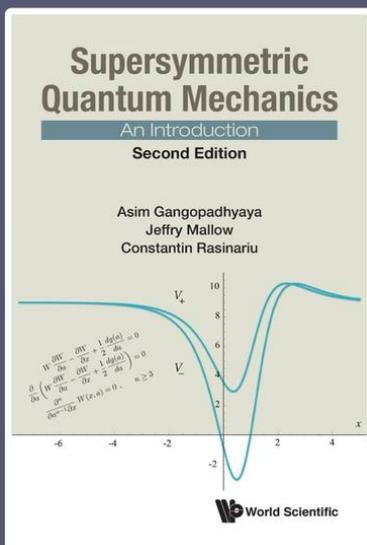
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Physical Sciences

02



Supersymmetric quantum mechanics: an introduction

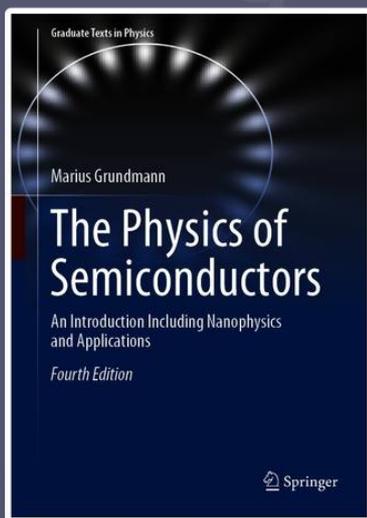
Author: Gangopadhyaya, Asim

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Physics of semiconductors: an introduction including nanophysics and applications

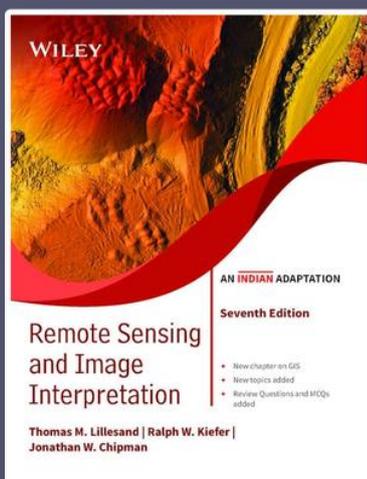
Author: Grundmann, Marius

Accession Number: 26441

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04



Remote sensing and image interpretation

Author: Lillesand, Thomas M.

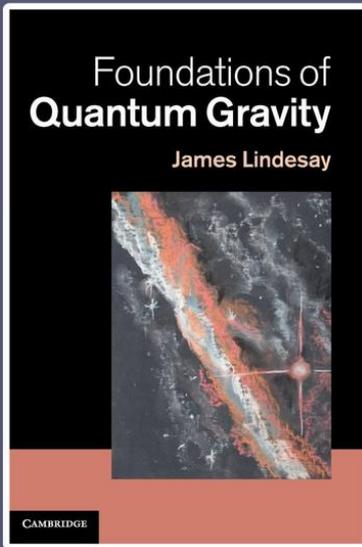
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Physical Sciences

05



Foundations of quantum gravity

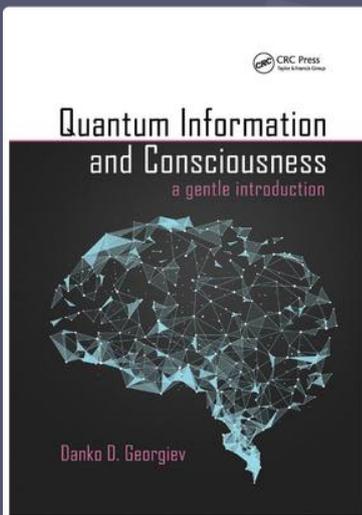
Author: Lindesay, James

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Quantum information and consciousness: a gentle introduction and applications

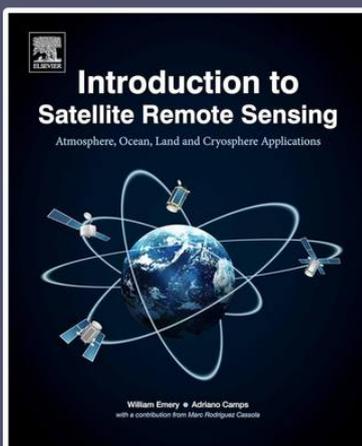
Author: Georgiev, Danko D.

Accession Number: 26449

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Introduction to satellite remote sensing: atmosphere, ocean, land and cryosphere applications

Author: Emery, William

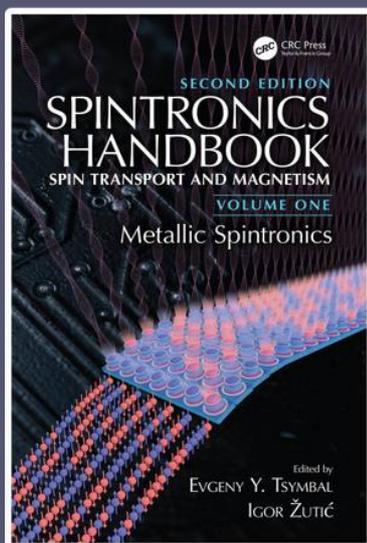
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Physical Sciences

08



Spintronics handbook: spin transport and magnetism : metallic spintronics- volume one

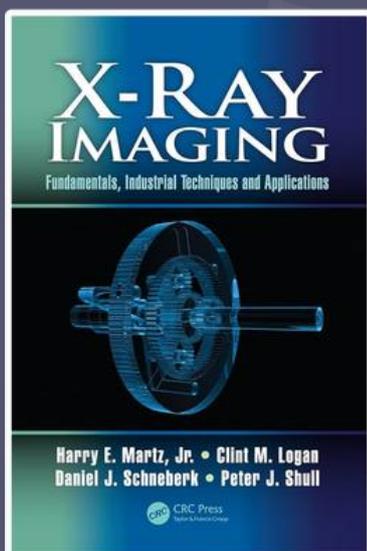
Author: Tsybal, Evgeny Y.

Accession Number: 26462

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X-ray imaging: fundamentals, industrial techniques, and applications

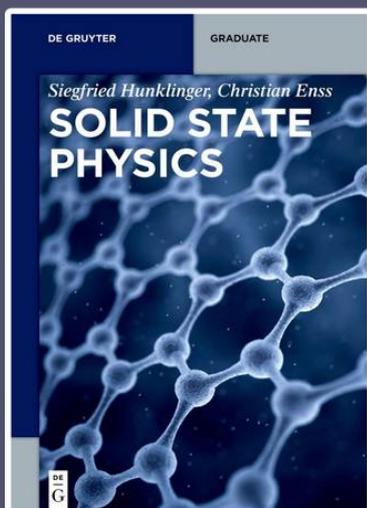
Author: Martz, Harry E.

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Call Number: 620.179.152 MAR-X

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Solid state physics

Author: Hunklinger, Siegfried

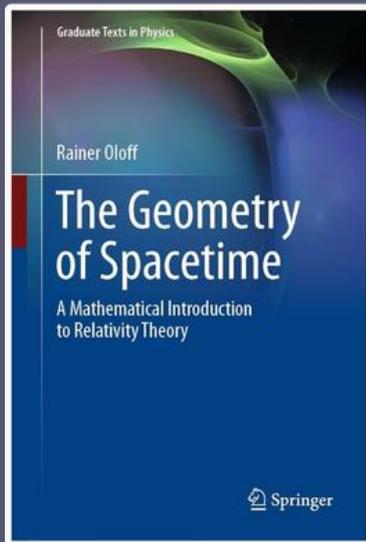
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Physical Sciences

11



Geometry of spacetime: a mathematical introduction to relativity theory

Author: Oloff, Rainer

Accession Number: 26488

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