



New Additions of Books September 2015

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Generalities

- 18083 Big data for dummies
Hurwitz, Judith
Wiley India, , 2013
005.75/HUR
- 18082 Unto others: the evolution and psychology of unselfish behavior
Sober, Elliott.
Harvard University Press, 1998
171.8/SOB

Natural Sciences

- 18076 Relocating modern science: circulation and the construction of knowledge in South Asia and Europe, 1650-1900
Raj, Kapil.
Palgrave Macmillan, 2007
507.22/RAJ

Mathematics

- 18026 Algorithmic arithmetic, geometry, and coding theory: 14th International Conference, Arithmetic, Geometry, Cryptography
Ballet, Stephane_Ed.
American Mathematical Society
510/BAL
- 18050 Character theory of finite groups
Isaacs, I. Martin.
Dover Publications, Inc., 1976
510/ISA
- 18027 Ramsey theory on the integers
Landman, Bruce M.
American Mathematical Society, 2015
511.66/LAN
- 18024 Geometry, groups and dynamics: ICTS program, groups, geometry and dynamics, December 3-16, 2012, CEMS, Kumaun University
Aravinda, C.S._Ed.
American Mathematical Society
512.2/ARA

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- 18018 Topics in finite fields: 11th International Conference on Finite Fields and Their Applications,
July 22--26, 2013, Magd
Kyureghyan, Gohar_Ed.
American Mathematical Society
512.3/KYU
- 18017 Algorithmic problems of group theory, their complexity, and applications to cryptography
Kahrobaei, Delaram_Ed.
American Mathematical Society
512.2/KAH
- 18016 Noncommutative rings and their applications: International Conference on
Noncommutative Rings and Their Applications.
Dougherty, Steven_Ed.
512.46/DOU
- 18057 Elements of algebraic topology
Munkres, James R.
Perseus Publishing, 1984
514.2/MUN
- 18022 Women in topology: collaborations in homotopy theory: WIT, Women in Topology
Workshop, August 18-23, 2013
Basterra, Maria_Ed.
American Mathematical Society
514.2409252/BAS
- 18067 Geometrical methods in the theory of ordinary differential equations
Arnold, V.I.
Springer-Verlag , 1988
515.35/ARN
- 18015 Nonlinear wave equations: analytic and computational techniques: AMS Special Session,
Nonlinear Waves and Integrable Sys
Curtis, Christopher W._Ed.
American Mathematical Society
515.353/CUR
- 18023 Spectral theory and partial differential equations: conference in honor of James Ralston's
70th birthday
Eskin, Gregory_Ed.
American Mathematical Society
515.353/ESK

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- 18025 Invariant subspaces of the shift operator: CRM Workshop, Invariant Subspaces of the Shift Operator, August 26-30, 2013
Mashreghi, Javad_Ed.
American Mathematical Society
515.39/MAS
- 18019 Recent trends in ergodic theory and dynamical systems: international conference in honor of S.G. Dani's 65th birthday, D
Bhattacharya, Siddhartha_Ed.
American Mathematical Society
515.48/BHA
- 18028 First course in the calculus of variations
Kot, Mark.
American Mathematical Society, 2014
515.64/KOT
- 18014 Infinite products of operators and their applications: a research workshop of the Israel Science Foundation: May 2012
Reich, Simeon_Ed.
American Mathematical Society
515.724/REI
- 18085 Elements of Cantor sets: with applications
Vallin, Robert. W.
John Wiley & Sons, Inc., 2013
515.8/VAL
- 18021 Riemann and Klein surfaces, automorphisms, symmetries and moduli spaces : conference in honor of Emilio Bujalance on Rie
Izquierdo, Milagros_Ed.
American Mathematical Society
515.93/IZQ
- 18020 Geometric and spectral analysis: CRM Workshop on: Geometry of Eigenvalues and Eigenfunctions June 4-8, 2012
Albin, Pierre_Ed.
American Mathematical Society
516/ALB
- 18081 Numerical recipes in C: the art of scientific computing
Press, William H.
Cambridge University Press, 2007
519.4028/PRE

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Astronomy & Allied Sciences

18087 Introduction to the theory of stellar structure and evolution
Dina Prialnik.
Cambridge University Press, 2010
523.88/PRI

Physics

18061 Mathematics of classical and quantum physics
Byron, Frederick W.Jr.
Dover Publications, 1992
530.15/BYR

18075 Solid-state physics: an introduction to principles of materials science
Ibach, Harald.
Springer, 2009
530.41/IBA

18060 Experimental techniques in condensed matter physics at low temperature
Richardson, Robert C_Ed.
Advanced Book Program, 1988
530.41/RIC

18049 Physics of plasmas
Boyd, T.J.M.
Cambridge University Press, 2003
530.44/BOY

18044 Plasma physics: an introduction to the theory of astrophysical geophysical and laboratory plasmas
Sturrock, Peter A.
Cambridge University Press
530.44/STU

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Chemistry & Allied Sciences

- 18068 Inorganic chemistry: principles of structure and reactivity
Huheey, James E.
Pearson, 2006
546/HUH
- 18052 Core concepts in supramolecular chemistry and nanochemistry
Steed, Jonathan W.
John Wiley and Sons Ltd., 2007
547.7/STE

Earth Sciences

- 18064 Geodynamics
Turcotte, Donald L.
Cambridge University Press, 2014
551.1/TUR
- 18086 New theory of the Earth
Anderson, Don L.
Cambridge University Press, 2007
551.11/AND
- 18032 Geochemistry: an introduction
Albarede, Francis
Cambridge University Press, 2009
551.9/ALB
- 18040 Isotope geology
Allegre, Claude J.
Cambridge University Press, 2008
551.9/ALL
- 18036 Introduction to geochemical modeling
Albarede, Francis.
Cambridge University Press, 1995
551.9015118/ALB

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Life Sciences/ Biology

18084 Handbook of ion channels
Zheng, Jie.
CRC Press, 2015
571.64/ZHE

Engineering & Allied Operations

18072 Nanoscale materials
Liz-Marzan, Luis M_Ed.
Kluwer Academic Publishers, 2003
620.11/MAR

Ph. D Theses

TH36 Studying the role of micro RNAs in tuber development in potato
(Solanum tuberosum ssp andigena)

Student: Bhogale, Sneha
Supervisor: Dr. Anjan K. Banerjee

TH37 Tailor-made polysaccharide vesicles for the drug delivery to cancer cells

Student: Pramod, P.S.
Supervisor: Dr. M. Jayakannan

TH38 Synthesis, biophysical and cellular uptake studies of fluorinated peptide
nucleic acid analogs

Student: Ellipilli, Satheesh
Supervisor: Prof. K.N. Ganesh

TH39 Functional and molecular characterization of targets of ultrabothorax in Drosophila

Student: Singh, Savita
Supervisor: Prof. L.S. Shashidhara

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