



LIBRARY

New Additions of Books
July 2016

Contents

Subject	Page No.
Generalities	2
Mathematics	2
Physics	3
Chemistry	3
Earth Sciences	4
Life Sciences	6
Applied Sciences	7
History	7

Generalities

- 18728 [Introduction to quantum physics and information processing](#)
Vathsan, Radhika
CRC Press, 2016
006.3843/VAT
- 18733 [Dreaming big: my journey to connect India](#)
Pitroda, Sam
Penguin Books, 2015
158.934/PIT
- 18737 [Economist in the real world: the art of policymaking in India](#)
Basu, Kaushik
Penguin Viking, 2016
330.954/BAS
- 18735 [Standing guard: a year in opposition](#)
Chidambaram, P.
Rupa Publications, 2016
338.954/CHI
- 18724 [Judge's miscellany on superannuation](#)
Iyer, V. R. Krishna
B. R. Publishing Corporation, 2004
340/IYE

Mathematics

- 18749 [Galois' theory of algebraic equations](#)
Tignol, Jean-Pierre
World Scientific, 2016
512.32/TIG
- 18723 [Introduction to real analysis](#)
Bartle, Robert G
Wiley, 2011
515/BAR
- 18729 [Methods of experimental physics](#)
Pergament, M. I.
CRC Press, 2015
530.078/PER

Go to top

Physics

- 18739 [Course in field theory](#)
Baal, Pierre Van
CRC Press, 2014
530.14/BAA
- 18748 [Quantum field theory of point particles and strings](#)
Hatfield, Brian
Addison-Wesley, 1991
530.143/HAT
- 18740 [Practical physics](#)
Squires, G. L.
Cambridge University Press, 2001
530.15/SQU
- 18756 [Excitation and propagation of elastic waves](#)
Hudson, J. A.
Cambridge University Press, 1980
531.3823/HUD
- 18727 [Elements of mechanics](#)
Kelly, P. F.
CRC Press, 2014
531/KEL
- 18730 [Physical models of semiconductor quantum devices](#)
Fu, Ying
Springer, 2014
537.622/FU

Chemistry

- 18750 [Lives and times of great pioneers in chemistry: Lavoisier to Sanger](#)
Rao, C. N. R.
World Scientific, 2016
540.922/RAO
- 18744 [Fundamentals of organometallic catalysis](#)
Steinborn, Dirk
Wiley, 2012
540/STE
541.395/BEH

[Go to top](#)

- 18745 [Catalysis: from principles to applications](#)
Beller, Matthias _Ed.
Wiley-VCH, 2012
541.395/BEL
- 18746 [Catalysis: concepts and green applications](#)
Rothenberg, Gadi
Wiley, 2008
541/ROT
- 18709 [Concise inorganic chemistry](#)
Lee, J. D.
Wiley-Blackwell, 1996
546/LEE
- 18751 [Organometallic chemistry of the transition metals](#)
Crabtree, Robert H.
Wiley, 2014
547.056/CRA
- 18780 [Organotransition metal chemistry: from bonding to catalysis](#)
Hartwig, John F.
University Science Books, 2010
547.056/HAR
- 18707 [Classics in total synthesis II: more targets, strategies, methods](#)
Nicolaou, K. C.
Wiley-VCH, 2003
547.70459/NIC
- 18779 [Minerals: their constitution and origin](#)
Wenk, Hans-Rudolf
Cambridge University Press, 2004
549/WEN

Earth Sciences

- 18774 [Geological maps: their solution and interpretation](#)
Bolton, T.
Cambridge University Press, 1989
550.022/BOL
- 18758 [Solid earth: an introduction to global geophysics](#)
Fowler, C. M. R.
Cambridge University Press, 2005
550/FOW

Go to top

- 18754 [Planet earth: cosmology, geology, and the evolution of life and environment](#)
Emiliani, Cesare
Cambridge University Press, 1992
550/EMI
- 18764 [Fundamentals of geophysics](#)
Lowrie, William
Cambridge University Press, 2007
550/LOW
- 18762 [Dynamic models in earth-science instruction](#)
Yoxall, W. H.
Cambridge University Press, 1983
551.0724/YOX
- 18761 [Dynamic earth: plates, plumes, and mantle convection](#)
Davies, Geoffrey F.
Cambridge University Press, 1999
551.116/DAV
- 18760 [Crustal heat flow: a guide to measurement and modelling](#)
Beardmore, G. R.
Cambridge University Press, 2001
551.14/BEA
- 18771 [Plates vs. plumes: a geological controversy](#)
Foulger, Gillian R.
Wiley-Blackwell, 2010
551.21/FOU
- 18772 [Quantitative seismology: theory and methods](#)
Aki, Keiiti
University Science Books, 2009
551.22/AKI
- 18776 [Introduction to seismology](#)
Shearer, Peter M.
Cambridge University Press, 2009
551.22/SHE
- 18775 [Geomorphology: the mechanics and chemistry of landscapes](#)
Anderson, Robert S.
Cambridge University Press, 2010
551.41/AND

Go to top

- 18773 [Fundamentals of structural geology](#)
Pollard, David D.
Cambridge University Press, 2005
551.8/POL
- 18753 [Orogenesis: the making of mountains](#)
Johnson, Michael R. W.
Cambridge University Press, 2012
551.82/JOH
- 18765 [Frontiers in geochemistry: contribution of geochemistry to the study of the earth](#)
Harmon, Russell S._Ed.
Wiley-Blackwell, 2011
551.9/HA
- 18752 [Geochemistry](#)
White, William M.
Wiley-Blackwell, 2013
551.9/WHI
- 18770 [Geology for dummies](#)
Spooner, Alecia M.
Wiley, 2011
551/SPO
- 18777 [Isostasy and flexure of the lithosphere](#)
Watts, A. B.
Cambridge University Press, 2001
551/WAT
- 18755 [Principles of igneous and metamorphic petrology](#)
Philpotts, Anthony R.
Cambridge University Press, 2009
552.1/WIN

Life Sciences

- 18713 [Introduction to paleobiology and the fossil record](#)
Benton, Michael J.
Wiley Blackwell, 2009
560/BEN
- 18726 [DNA in supramolecular chemistry and nanotechnology](#)
Stulz, Eugen_Ed.
Wiley Blackwell, 2015
572.86/STU

Go to top

- 18731 [Gene cloning and DNA analysis: an introduction](#)
Brown, T. A.
Wiley, 2016
572.8633/BRO

- 18706 [Bioinformatics: sequence and genome analysis](#)
Mount, D.W.
CBS Publishers, 2004
572.8633/MOU

Applied Sciences

- 18747 [Memory and the computational brain: why cognitive science will transform neuroscience](#)
Gallistel, C. R.
Wiley-Blackwell, 2009
612.82/GAL

- 18725 [Nanotubes and nanosheets: functionalization and applications of boron nitride and other nanomaterials](#)
Chen, Ying (Ian)_ Ed.
CRC Press, 2015
620.5/CHE

- 18759 [Applied geophysics](#)
Telford, W. M.
Cambridge University Press, 1990
622.15/TEL

- 18763 [Exploration seismology](#)
Sheriff, Robert E.
Cambridge University Press, 1995
622.1592/SHE

- 18732 [Jugaad innovation: a frugal and flexible approach to innovation for the 21st century](#)
Radjou, Navi
Random House, 2012
658.4063/RAD

History

- 18734 [Keeping the faith: memoirs of a parliamentarian](#)
Chatterjee, Somnath
Harper Collins, 2014
954.035092/CHA

[Go to top](#)

18736 [Chinar leaves: a political memoir](#)

Fotedar, M. L.

Harper Collins, 2015

954.04092/FOT

18738 [On my terms: from the grassroots to the corridors of power](#)

Pawar, Sharad

Speaking Tiger, 2016

954.05092/PAW

Go to top