



New Additions of Books July 2015

Contents

Subject	Page No.
Generalities	2
Social Sciences	2
Natural Sciences	2
Mathematics	3
Astronomy & Allied Sciences	5
Physics	6
Chemistry & Allied Sciences	7
Earth Sciences	8
Biology	8
Engineering & Allied Operations	9
Agriculture	9
Recreational	9
Literature	9
History	10
Ph. D Thesis	10

Generalities

- 17795 Microprocessor architecture, programming, and applications with the 8085
Gaonkar, Ramesh.
Penram International Publishing (India) Pvt. Ltd., 2013
004.165/GAO
- 17824 Fortran 90/95: for scientists and engineers
Chapman, Stephen J.
McGraw Hill India, 2004
005.133/CHA
- 17915 Introduction to computer science using Python: a computational problem-solving
focus
Dierbach, Charles.
Wiley India, 2013
005.133/DIE

Social Sciences

- 17872 First firangis : remarkable stories of heroes, healers, charlatans, courtesans & other
foreigners who became Indian
Harris, Jonathan Gil.
Aleph Book
305.90691/HAR

Natural Sciences

- 17866 Hands-on introduction to LabVIEW for scientists and engineers
Essick, John.
Oxford University Press, 2013
502.8553/ESS
- 17774 Science in the twentieth century and beyond
Agar Jon.
Polity Press, 2012
509.04/AGA

[Go to top](#)

Mathematics

- 17867 Triangulated categories
Neeman, Amnon.
Princeton University Press, 2001
510/NEE
- 17889 Seminaire Bourbaki. Volume 2013/2014, exposes 1074-1088
Societe mathematique de France, 2015
510/SMF
- 17891 Mathematical foundations of complex networked information systems: politecnico di Torino, Verre's, Italy 2009
Kumar, P.R.
Springer, 2015
511.5/KUM
- 17878 Galois theory.
Stewart, Ian.
CRC Press, 2015
512.32/STE
- 17839 Linear algebra and its applications
Strang, Gilbert.
Cenage Learning, 2006
512.5/STR
- 17887 Theory of Hp-spaces for continuous filtrations in Von Neumann algebras
Junge, Marius.
Societe Mathematique de France, 2014
512.556/JUN
- 17897 Linear algebra done right
Axler, Sheldon.
Springer, 2014
512.64/AXL
- 17896 Jacobi forms, finite quadratic modules and weil representations over number fields
Boylan, Hatice.
Springer, 2015
512.74/BOY
- 17860 Topology and geometry
Bredon, Glen E.
Springer, 1993
514.2/BRE

[Go to top](#)

- 17888 Travaux de Gabber sur l'uniformisation locale et la cohomologie etale des schemas quasi-excellents: seminaire a l'Ecole Illusie, Luc.
Societe Mathematique de France
514.23/ILL
- 17785 Mathematical methods for physics and engineering
Riley, K.F.
Cambridge University Press India, 2006
515.1/RIL
- 17893 Applied partial differential equations
Logan, J.David.
Springer, 2015
515.353/LOG
- 17810 Differential equations and dynamical systems
Perko, Lawrence.
Springer India, 2001
515.353/PER
- 17890 Asymptotic integration of differential and difference equations
Bodine, Sigrun.
Springer, 2015
515.4/BOD
- 17892 Understanding analysis
Abbott, Stephen.
Springer , 2015
515/ABB
- 17806 Calculus: early transcendentals
Stewart, James.
Cengage Learning India Private Limited, 2012
515/STE
- 17904 Finite geometry and combinatorial applications
Ball, Simeon.
Cambridge University Press, 2015
516.11/BAL

[Go to top](#)

- 17898 Ideals, varieties, and algorithms: an introduction to computational algebraic geometry and commutative algebra
Cox, David A.
Springer, 2015
516.35/COX
- 17886 Fractional Sobolev inequalities: symmetrization isoperimetry and interpolation
Martin, Joachim.
Societe Mathematique de France, 2014
516.36/MAR
- 17885 Local collapsing orbifolds and geometrization
Kleiner, Bruce.
Societe Mathematique de France, 2014
516.373/KLE
- 17855 Probability: a graduate course
Gut, Allan.
Springer India, 2005
519.2/GUT
- 17836 Introduction to probability models
Ross, Sheldon M.
Elsevier, 2014
519.2/ROS
- 17894 Levy matters IV: estimation for discretely observed levy processes
Belomestny, Denis.
Springer, 2015
519.23/BEL

Astronomy & Allied Sciences

- 17868 Physics of astrophysics Vol. I: radiation
Shu, Frank H.
University Science Books, 1991
523.01/SHU
- 17869 Physics of astrophysics Vol. II: gas dynamics
Frank Shu.
University Science Books, 1991
523.01/SHU

[Go to top](#)

Physics

- 17873 For the love of physics: from the end of the rainbow to the edge of time- a journey through the wonders of physics
Lewin, Walter.
Free Press, 2011
530.092/LEW
- 17792 Lectures on field theory and the many-body problem
Caianiello, Eduardo R._Ed.
Academic Press, 1961
530.12/CAI
- 17786 Ultracold atoms in optical lattices: simulating quantum many-body systems
Lewenstein, Maciej.
Oxford University Press, 2012
530.12/LEW
- 17858 Solid state physics: an introduction to principles of materials science
Ibach, H.
Springer India Private Limited, 2003
530.41/IBA
- 17895 Mathematical models of viscous friction
Butta, Paolo.
Springer, 2015
532.58/BUT
- 17815 Electricity and magnetism
Purcell, Edward M._Ed.
Tata McGraw Hill, 2011
537/PUR
- 17905 Synchrotron radiation: basics, methods and applications
Molibio, Settimio_Ed.
Springer, 2015
539.735/MOB

[Go to top](#)

Chemistry & Allied Sciences

- 17841 Modern electrochemistry
Bockris, John O'M.
Springer India, 1998
541.37/BOC
- 17843 Modern electrochemistry 2 B: fundamentals of electrodictics
Bockris, John O'M.
Springer India, 2000
541.37/BOC
- 17845 Modern electrochemistry 2 B: electronics in chemistry, engineering, biology and environmental science
Bockris, John O'M.
Springer India, 2000
541.37/BOC
- 17881 Perspectives on structure and mechanism in organic chemistry
Carroll, Felix A.
Wiley, 2010
547.13/CAR
- 17884 Logic of chemical synthesis
Corey, E.J.
Wiley India, 1995
547.2/COR
- 17851 Organic synthesis: the disconnection approach
Warren, Stuart.
John Wiley & Sons, 2004
547.2/WIL
- 17789 Fundamentals of polymerization
Mandal, Broja M.
World Scientific, 2013
547.28/MAN
- 17791 Supramolecular chemistry - fundamentals and applications: advanced textbook
Ariga, Katsuhiko.
Springer, 2006
547.7/ARI

17808 Comprehensive practical organic chemistry: preparation and qualitative analysis
Ahluwalia, V.K.
Universities Press (India) Pvt. Ltd., 2000
547/AHL

17847 Organic chemistry
Clayden, Jonathan.
Oxford University Press, 2012
547/CLA

Earth Sciences

17863 Chemical evolution of the atmosphere and oceans
Holland, Heinrich D.
Princeton University Press, 1984
551.5/HOL

17903 Understanding earth
Grotzinger, John.
W. H. Freeman, 2014
551/GRO

Life Sciences/ Biology

17801 Biostatistical analysis
Zar, Jerrold H.
Pearson India, 2014
570.15195/ZAR

17880 Introduction to protein structure
Branden, Carl.
Garland Science, 1991
574.19245/BRA

17877 Strickberger's evolution
Hall, Brian K.
Jones & Bartlett Learning, 2014
576.8/HAL

17828 Fundamentals of ecology
Odum, Eugene P.
Cengage Learning India, 2005
577/ODU

[Go to top](#)

17875 Ecology: the economy of nature.
Ricklefs, Robert E.
W.H. Freeman and Company, 2014
577/RIC

17787 Tiger fire: 500 years of the tiger in India
Thapar, Valmik.
Aleph Book Company, 2013
599.750954/VAL

Engineering & Allied Operations

17773 Nanostructures and nanotechnology
Natelson, Douglas
Cambridge University Press, 2015
620.5/NAT

Agriculture

17796 Agrobacterium protocols Vol.02
Wang, Kan_Ed.
Springer, 2015
631.5233/WAN

Recreational

17865 Dictionary of the theatre: terms, concepts, and analysis
Pavis, Patrice.
University of Toronto Press, 1998
792.03/PAV

Literature

17864 Norton anthology of theory and criticism
Leitch, Vincent B._Ed.
W. W. Norton & Company, 2010
801.95/LEI

17870 Philosophy of literature
Lamarque, Peter.
Blackwell , 2009
801/LAM

[Go to top](#)

17861 How plays work: reading and performance
Meisel, Martin.
Oxford University Press, 2007
809.2/MEI

History

17871 City adrift: a short biography of Bombay
Fernandes, Naresh.
Aleph Book Company, 2013
954.792/FER

17788 Degree coffee by the yard: a short biography of Madras
Lakshman, Nirmala.
Aleph Book Company, 2013
954.82/LAK

Ph. D Thesis

TH34 Identification and functional characterization of KNOTTED- like homeobox genes
in potato
Student: Mahajan, Ameya S.
Supervisor: Dr. Anjan K. Banerjee

TH35 Formin-2 function in growth cone motility and substrate attachment
Student: Abhishek Sahasrabudhe.
Supervisor: Dr. Aurnab Ghose

[Go to top](#)