



## Contents

<b>Subject</b>	<b>Page No.</b>
Generalities	2
Philosophy and Psychology	2
Social Sciences	2
Natural Sciences	2
Mathematics	3
Physics	4
Chemistry and Allied Sciences	6
Earth Sciences	7
Life Sciences	7
Medical Sciences and Medicine	9
Management	10
Arts	10

## Generalities

17292 Lucknow boy: a memoir  
Mehta, Vinod.  
Penguin India, 2011  
070.954/MEH

## Philosophy and Psychology

17261 Understanding arguments: an introduction to informal logic  
Sinnott-Armstrong, Walter.  
Cengage Learning, 2015  
168/SIN

## Social Sciences

17287 Cut-outs, caste, and cine stars: the world of Tamil politics  
Vaasanthi.  
Penguin India, 2006  
320.95482/VAA

17290 One life is not enough: an autobiography  
Singh, Natwar K.  
Rupa Publications India, 2014  
324.2092/NAT

17299 Unbound Prometheus: technological change and industrial development in Western Europe from 1750 to the present  
Landes, David S.  
Cambridge University  
338.094/LAN

17288 Not just an accountant: the diary of the nation's conscience keeper  
Rai, Vinod.  
Rupa Publications India, 2014  
352.63092/RAI

17300 Environmentalism: a global history  
Guha, Ramachandra.  
Longman, 2000  
363.705/GUH

## Natural Sciences

17257 Cryo-EM, Part A  
AJensen, Grant J.\_Ed.  
Elsevier, 2010  
502.825/JEN

# Mathematics

- 17302 Love and math: the heart of hidden reality  
Frenkel Edward.  
Basic Books, 2013  
510.92/FRE
- 17263 Berkovich spaces and applications  
Ducros, Antoine\_Ed.  
Springer, 2015  
510/DUR
- 17262 Blocks of finite groups and their invariants  
Sambale, Benjamin.  
Springer, 2015  
510/SAM
- 17313 Model theory in algebra, analysis and arithmetic  
Dries, Lou van den.  
Springer, 2014  
511.8/DRI
- 17320 Inverse M-matrices and ultrametric matrices  
Dellacherie, Claude.  
Springer, 2014  
512.943/DEL
- 17318 Fundamentals of algebraic topology  
Weintraub, Steven H.  
Springer, 2014  
514.2/WEI
- 17175 Topology and geometry  
Bredon, Glen E.  
Springer , 1993  
514.2/BRE
- 17315 Evolutionary equations with applications in natural sciences  
Banasiak, Jacek\_Ed.  
Springer, 2014  
515.35/BAN
- 17314 Stabilization of elastic systems by collocated feedback  
Ammari, Kais.  
Springer, 2014  
515.392/AMM

17317 Bifurcation without parameters

Liebscher, Stefan.

Springer, 2014

515.392/LIE

17316 Geometric invariant theory for polarized curves

Bini, Gilberto\_Ed.

Springer, 2014

516.35/BIN

17226 Statistical inference

Casella, George.

Cengage Learning, 2002

519/CAS

## Physics

17163 First course in general relativity

Schutz, Bernard.

Cambridge University Press, 2009

530.11/SCH

17269 Advanced concepts in quantum mechanics

Esposito, Giampiero.

Cambridge University Press

530.12/ESP

17201 Quantum mechanics

Reed, Bruce Cameron.

Jones and Bartlett Publishers, 2008

530.12/REE

17286 Statistical physics of particles

Kardar, Mehran.

Cambridge University Press, 2007

530.13/KAR

17284 Statistical physics of fields

Kardar, Mehran.

Cambridge University Press, 200

530.14/KAR

17165 Introduction to quantum field theory

Peskin, Michael E.

Levant Books, 1995

530.143/PES

- 17233 Mathematical methods for physicists  
Arfken, George B.  
Elsevier India, 2013  
530.15/ARF
- 17307 Atomic and electronic structure of solids  
Kaxiras, Efthimios.  
Cambridge University Press , 2003  
530.411/KAX
- 17279 Gravitation: foundations and frontiers  
Padmanabhan, T.  
Cambridge University Press; 2010  
531.14/PAD
- 17259 Fluid mechanics  
Landau, L.D.  
Elsevier India, 2014  
532/LAN
- 17310 Introductory quantum optics  
Gerry, Christopher C.  
Cambridge University Press, 2005  
535.15/GER
- 17256 Cold atoms and molecules: a testground for fundamental many particle physics physics  
Weidemuller, Matthias.  
Wiley-VCH, 2009  
536.56/WEI
- 17228 Theory of superconductivity  
Schrieffer, J.R.  
Westview Press, 1999  
537.623/SCH
- 7145 Lie algebras in particle physics: from isospin to unified theories  
Georgi, Howard.  
Levant Books, 2009  
539.70151255/GEO
- 17224 Particle physics  
Martin, B.R.  
Wiley, 2008  
539.72/MAR

17132 Introduction to high energy physics  
Perkins, Donald H.  
Cambridge University Press, 2000  
539.72/PER

## Chemistry and Allied Sciences

17305 Adsorption by powders and porous solids: principles, methodology, and applications.  
Françoise Rouquerol.  
Academic Press, 2014  
541.33/ROU

17255 Handbook of photochemistry  
Montalti, Marco.  
Taylor and Francis, 2006  
541.350212/MON

17260 Gold catalysis: an homogeneous approach  
Toste, F. Dean\_Ed.  
Imperial College Press, 2014  
541.395/TOS

17160 Physical chemistry  
Levine Ira N.  
McGraw Hill Education Pvt Ltd., 2009  
541/LEV

17282 Organometallics  
Elschenbroich, Christoph.  
Wiley-VCH , 2005  
547.05/ELS

17214 Synthetic organic photochemistry  
Griesbeck, Axel G.\_Ed.  
Merzel Dekker, 2005  
547.2/GRI

17234 Advanced organic chemistry Part B: reactions and synthesis  
Carey, Francis A.  
Springer, 2007  
547/CAR

## Earth Sciences

- 17298 Geophysical data analysis: discrete inverse theory  
Menke, William.  
Academic Press, 2012  
551.0151294/MEN
- 17297 Introduction to seismology, earthquakes, and earth structure  
Stein, Seth.  
Wiley India, 2003  
551.22/STE
- 17295 Isotopes: principles and applications  
Faure, Gunter.  
Wiley India Pvt Ltd, 2009  
551.9/FAU
- 17296 Principles of igneous and metamorphic petrology  
Winter, John D.  
PHI Learning Pvt. Ltd., 2014  
552.1/WIN

## Life Sciences

- 17301 Mathematical models in biology  
Edelstein-Keshet, Leah.  
Society for Industrial and Applied Mathematics , 2005  
570.15118/EDE
- 17176 Computational biology: a practical introduction to biodata processing and analysis with  
Linux, MySQL, and R  
Wunshiers, Robbe.  
Springer-Verlag, 2013  
570.285/WUN
- 17187 Biology: a global approach  
Campbell, Neil.  
Pearson , 2015  
570/CAM
- 17174 Biology  
Raven, Peter H.  
McGraw Hill, 2011  
570/RAV

- 17206 Campbell biology  
Reece, Jane B.  
Pearson Publishing , 2014  
570/REE
- 17181 Esau's Plant anatomy: meristems, cells, and tissues of the plant body: their structure, function, and development  
Evert, Ray F.  
Wiley-Interscience, 2006  
571.33/EVE
- 17312 Nuclear mechanics and genome regulation  
Shivashankar, G.V.\_Ed.  
Academic Press, 2010  
571.6/SHI
- 17275 Principles of development  
Wolpert, Lewis.  
Oxford University Press, 2011  
571.8/WOL
- 17277 Biological physics of the developing embryo  
Forgacs, Gabor.  
Cambridge University Press, 2005  
571.86/FOR
- 17178 Statistical theory and methods for evolutionary genomics  
Gu, Xun.  
Oxford University Press, 2011  
572.838/GU
- 17143 Introduction to practical biochemistry  
Plummer, D.T.  
Tata MacGraw-Hill, 2006  
572/PLU
- 17239 Biochemistry  
Voet, Donald. : John Wiley & Sons, 2011  
572/VOE
- 17218 Life in moving fluids: the physical biology of flow  
Vogel, Steven.  
Princeton University Press, 1994  
574.1913/VOG
- 17180 Introduction to genetics: a molecular approach  
Brown, Terry.  
Garland Science, 2012 576.5/BRO



- 17179 Introduction to genetic analysis  
Griffiths, Anthony J. F.  
W.H. Freeman, 2012  
576.5/GRI
- 17185 Concepts of genetics  
Pearson Education, 2012  
576.5/KLU
- 17186 Genetic analysis: an integrated approach  
Sanders, Mark F.  
Pearson, 2012  
576.5/SAN
- 17253 Genetics  
Strickberger, Monroe W.  
Prentice Hall , 1985  
576.5/STR
- 17241 Evolution: the extended synthesis  
Pigliucci, Massimo\_Ed.  
MIT Press, 1995  
576.8/PIG
- 17268 Genetic switch : phage lambda revisited  
Ptashne, Mark. : Cold Spring Harbor Laboratory Press, 2004  
579.26/PTA
- 17212 Microbiology  
Baker, Simon.  
Gerland Science, 2011  
579/BAK
- 17184 Prescott's microbiology.  
Willey, Joanne M.  
McGraw Hill, 2011  
579/WIL

## Medical Sciences and Medicine

- 17308 Fundamental neuroscience  
Squire, Larry R.  
Elsevier , 2013  
612.8/SQU

17216 Kuby immunology

Owen, Judith A. : W. H. Freeman, 2009

616.079/KIN

17243 Fundamental immunology

Paul, William E. \_Ed.

Wolters Kluwer Health/Lippincott Williams & Wilkins , 2013

616.079/PAU

17177 Traditional medicines for modern times: antidiabetic plants

Soumyanath, Amala.

CRC /Taylor & Francis , 2006

616.462061/SOU

17183 Microbiology

Black, Jacquelyn G.

John Wiley, 2013

616.9041/BLA

17280 Organic, inorganic, and hybrid solar cells: principles and practice

Lin, Ching-Fuh.

Wiley, 2012

621.31244/LIN

17182 Environmental biotechnology: a biosystems approach

Vallero, Daniel A.

Academic Press, 2010

628.5/VAL

## Management

17319 Introduction to mathematical cryptography

Hoffstein, Jeffrey.

Springer, 2014

652.801/HOF

## Arts

17293 Test of my life: from cricket to cancer and back

Singh, Yuvraj.

Random House India, 2013

796.358/SIN

17291 Playing It My Way: my autobiography  
Tendulkar, Sachin.  
Hodder and Stoughton, 2014  
796.358/TEN

17289 Letters for a nation - from Jawaharlal Nehru to his chief ministers 1947 - 1963  
Khosla, Madhav\_Ed.  
Penguin India, 2014  
954/KHO

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