



New Additions of Books December 2015

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Generalities

GB861 [Learning python](#)
Lutz, Mark.
Shroff Publishers & Distributors Pvt. Ltd, 2009
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Mathematics

GB818 [Advanced engineering mathematics](#)
Kreyszig, Erwin.
Wiley India, 2010
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GB875 [New pattern objective mathematics](#)
Goyal, S. K.
Arihant Prakashan, 2008
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GB841 [Course in combinatorics](#)
Lint, J.H.Van.
Cambridge University Press, 2001
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GB824 [Linear algebra](#)
Hoffman, Kenneth.
PHI Learning private Limited, 2010
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GB867 [Linear algebra](#)
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GB874 [Introductory linear algebra: an applied first course](#)
Kolman, Bernard.
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GB795 [Linear algebra and its applications](#)
Strang, Gilbert.
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- GB809 [Algebra](#)
Artin, Michael.
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- GB871 [Higher algebra](#)
Barnard, S.
Macmillan, 1936
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- GB794 [Commutative algebra](#)
Krishnan, N S Gopala.
Universities Press, 2016
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- GB855 [Algebra](#)
Lang, Serge.
Springer, 2002
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- 18191 [Differential equations dynamical systems and an introduction to chaos](#)
Hirsch, Morris W.
Elsevier India, 2013
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- GB823 [Differential equation with applications and historical notes](#)
Simmens, George F.
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- GB842 [Partial differential equations](#)
John, Fritz.
Springer India, 2011
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- GB793 [Operators on hilbert space](#)
Sunder, V. S.
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- GB870 [Principles of mathematical analysis](#)
Rudin, Walter.
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GB797 [Calculus Vol. II: multi-variable calculus and linear algebra, with applications.](#)

Apostol, Tom M.

Wiley, 2011

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GB869 [Calculus](#)

Spivak, Michael.

Cambridge University Press, 1994

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18192 [Riemannian Geometry](#)

Carmo, Manfredo Perdigao Do.

Birkhauser, 1992

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GB810 [Probability, random variables, and stochastic processes](#)

Papoulis, Athanasios.

Tata McGraw Hill Education Private Limited, 2002

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GB839 [First course in probability](#)

Ross, Sheldon.

Pearson Education, 2007

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GB840 [Numerical recipes in C: the art of scientific computing](#)

Press, William H.

Cambridge University Press, 2009

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GB859 [Statistical inference](#)

Casella, George.

Cengage Learning, 2002

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GB858 [Introduction to probability theory and its applications. Vol. II](#)

Feller, William.

Wiley India 1971

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Physics

- GB801 [Principles of quantum mechanics](#)
Shankar, R.
Springer, 1994
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- GB829 [Principles of quantum mechanics](#)
Shankar, R.
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- GB873 [Elements of nonequilibrium statistical mechanics](#)
Balakrishnan, V.
Ane Books, 2008
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- GB820 [Mathematical methods for physicists](#)
Arfken, George B.
Elsevier, 2011
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- GB811 [Feynman lectures on physics Vol.2](#)
Feynman, Richard P.
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- 18189 [Introduction to modern dynamics: chaos, networks, space and time](#)
Nolte, David D.
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- GB864 [Classical dynamics of particles and systems](#)
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Brooks Cole, 2004
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- GB796 [Classical Mechanics](#)
Gregory, Douglas R.
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- GB792 [Mechanics](#)
Landau, L. D.
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- GB805 [Fluid Mechanics](#)
Kundu, Pijush K.
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- 18195 [Light scattering by small particles](#)
Hulst, H.C. Van De.
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Griffiths, David J.
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- GB860 [Lie algebras in particle physics: from isospin to unified theories](#)
Georgi, Howard. :
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- GB804 [Modern physics](#)
Krane, Kenneth S.
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Chemistry

- GB800 [Atkins' physical chemistry](#)
Atkins, Peter.
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- GB802 [Physical Chemistry](#)
Barrow, Gordon M.
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- GB849 [Physical Chemistry](#)
Levine, Ira N.
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- GB798 [Physical chemistry: a molecular approach](#)
McQuarrie, Donald A.
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- GB851 [Fundamentals of molecular spectroscopy](#)
Banwell, Colin N.
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- GB848 [Inorganic Chemistry](#)
Atkins, Peter.
Oxford, 2006
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- GB807 [Introduction to polymer physics](#)
Bower, David I.
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- GB833 [Organic chemistry](#)
Solomons, T. W. Graham.
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- 18188 [New theory of the earth](#)
Anderson, Don L.
Cambridge University Press, 2007
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Benton, Michael J.
Wiley Blackwell, 2009
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Life Sciences/ Biology

GB812 [Biology](#)
Campbell, Neil A.
Pearson, 2005
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18196 [Flavins and Flavoproteins: Methods and Protocols](#)
Weber, Stefan.
Springer, 2014
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GB806 [Morphogenetic hormones of arthropods: roles in histogenesis, organogenesis, and morphogenesis](#)
Gupta, A. P. Ed.
Rutgers University Press, 1991
595.2043/GUP

Medical Sciences

GB832 [Textbook of human histology: with colour atlas](#)
Singh, Inderbir.
Jaypee Brothers, 2005
611.018/SIN

Engineering and Allied Operations

GB850 [Electronic principles](#)
Malvino, Albert.
Tata McGraw Hill Pvt Ltd, 2007
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GB838 [Digital principles and applications](#)
Leach, Donald P.
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621.3815/LEA

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GB868 [Millman's electronic devices and circuits](#)

Millman, Late Jacob.
Tata McGraw Hill, 2010
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18198 [Thermal radiation heat transfer](#)

Howell, John R.
CRC PRESS, 2016
621.4022/HOW

GB847 [Handbook of mechanical engineering](#)

Gupta, R.
Ramesh Publishing House, 2014
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Chemical Engineering

GB837 [Fermentation microbiology and biotechnology](#)

Mansi, E.M.T. El. _Ed.
Taylor And Francis, 2007
660.28449/MAN

Ph.D Thesis

TH44	Ancilla Assisted Quantum Information Processing: General protocols and NMR
Student:	Shukla, Abhishek
Supervisor:	Dr. T.S.Mahesh

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