



New Additions of Books May 2016

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Generalities

- 18611 [Elements of information theory](#)
Cover, Thomas M.
Wiley, 2006
003.54/COV
- GB912 [Breaking India: western interventions in Dravidian and Dalit faultlines](#)
Malhotra, Rajiv
Amaryllis, 2011
261.7/MAL
- GB911 [Indra's net: defending Hinduism's philosophical unity](#)
Malhotra, Rajiv
Harper Collins Publishers, 2016
294.52/MAL
- 18615 [Narendra Modi: a charismatic and visionary Statesman](#)
Aggarwala, Adish C.
U.K. Publishers and Distributors Ltd., 2015
320.954/AGG
- 18614 [Financial modelling with jump processes](#)
Cont, Rama
Chapman & Hall/CRC, 200
332.01519233/CON
- 18608 [Transport and reactivity of solutions in confined hydrosystems](#)
Mercury, Lionel_Ed.
Springer, 2014
333.91/MER
- GB909 [Battle for sanskrit: is sanskrit political or sacred, oppressive or liberating, dead or alive?](#)
Malhotra, Rajiv
Harper Collins Publishers, 2016
491.2/MAL

Natural Sciences

- 18607 [Routledge handbook of public communication of science and technology](#)
Bucchi, Massimiano_Ed.
Routledge, 2014
501.4/BUC

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Mathematics

- 18594 [Introduction to the theory of numbers](#)
Hardy, G. H.
Oxford University Press, 2008
512.81/HAR
- 18595 [Singular integrals and differentiability properties of functions](#)
Stein, Elias M.
Princeton University Press, 1970
515.82433/STE

Physics

- 18599 [Excitons and cooper pairs: two composite bosons in many-body physics](#)
Combescot, Monique
OxfordUniversity Press, 2016
530.41/COM
- 18600 [Kinetic formulation of conservation laws](#)
Perthame, Benoit
Oxford University Press, 2002
533.7/PER
- 18609 [Smashing physics: inside the world's biggest experiment](#)
Butterworth, Jon
Headline Publishing Book, 2014
539.7/BUT

Chemistry

- 18589 [Natural polymers](#)
Olatunji, Ololade_Ed.
Springer, 2016
540/OLA
- 18590 [Asymmetric organocatalysis](#)
List, Benjamin_Ed.
Springer, 2010
547/LIS

Life Sciences

- 18605 [Cell biology by the numbers](#)
Milo, Ron
Garland Science, 2016
572/MIL
- 18597 [Randomness in evolution](#)
Bonner, John Tyler
Princeton University Press, 2013
576.54/BO

Medical Sciences

- 18586 [ACSM's action plan for high cholesterol](#)
Durstine, J. Larry
Human Kinetics, 2006
616.3997/DUR

Applied Sciences

- 18606 [Interconnected networks](#)
Garas, Antonios_Ed.
Springer, 2016
621.3822/GAR
- 18587 [Characterization of polymer blends: miscibility, morphology and interfaces; Vol. 1](#)
Thomas, S.
Wiley, 2015
668.9/THO
- 18588 [Characterization of polymer blends: miscibility, morphology and interfaces; Vol. 2](#)
Thomas, S.
Wiley, 2015
668.9/THO

Literature

- 18598 [Structuralist poetics : structuralism, linguistics, and the study of literature](#)
Culler, Jonathan
Routledge, 2002
801.95/CUL

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18596 [Role of the reader : explorations in the semiotics of texts](#)
Eco, Umberto
Indiana University Press, 1979
801.95/ECO

18613 [Narrative](#)
Cobley, Paul
Routledge, 2015
808.036/ COB

18612 [Genre](#)
Frow, John
Routledge, 2015
808/FRO

General History

GB910 [Being different: an Indian challenge to western universalism](#)
Malhotra, Rajiv
Harper Collins Publishers, 2013
954/MAL

Ph.D Theses

TH53 [Diastereoselective Aldehyde-Amine-Alkyne Coupling Reaction: Synthesis of Biologically Active Molecules](#)
Student: Deshmukh, Sharad Chandrakant
Supervisor: Dr. Pinaki Talukdar

TH54 [Regulation of Wnt/Wg signaling pathway by chromatin organizer SATB1](#)
Student: RL Praveena
Supervisor: Prof. Sanjeev Galande

TH55 [Nitrogen-enriched Ionic Coordination Polymers: Design, Syntheses and Functional Studies](#)
Student: Manna, Biplab
Supervisor: Dr. Sujit K. Ghosh

TH56 [Molecular mechanism\(s\) of regulation of bidirectional promoters](#)
Student: Jangid, Rahul
Supervisor: Prof. Sanjeev Galande

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- TH57 [A2BP: a novel component of Notch Pathway during Nervous System development in Drosophila](#)
Student: Shukla, Jay Prakash
Supervisor: Prof. L. S. Shashidhara
- TH58 [Investigating the effects of complex fluctuating environments on the evolution of laboratory populations of Escherichia coli](#)
Student: Karve, Shraddha Madhav
Supervisor: Dr. Sutirth Dey
- TH59 [Development of Melt Polymerization Route for Amino acid Based Functional Polymers and their Self-assembled Nanostructure](#)
Student: Anantharaj, Santhanaraj
Supervisor: Dr. M. Jayakannan
- TH60 [Thermo-Responsive Small and Polymeric Amphiphiles for Drug Delivery](#)
Student: Kashyap, Smita
Supervisor: Dr. M. Jayakannan
- TH61 [Modulation of Excited State Photophysics of Drugs and Biologically Important Molecules inside the Bio-mimetic Nano-cavities](#)
Student: Gavvala, Krishna
Supervisor: Dr. Partha Hazra
- TH62 [Non-covalent and Covalent Interactions of Anti-aromatic Isophlorinoids](#)
Student: Kiran Reddy, Baddigam
Supervisor: Dr. V.G. Anand
- TH63 [Structure, Dynamics and Control of Complex Networks](#)
Student: Shekatkar, Snehal M.
Supervisor: Prof. G. Ambika
- TH64 [Posttranscriptional Chemical Labeling of RNA in vitro and in Cells by Using Bioorthogonal Azide-Alkyne Cycloaddition Reactions](#)
Student: Sawant, Anupam
Supervisor: Dr. S. G. Srivatsan
- TH65 [Design, Synthesis, Metal Complexation and Self Assembly of Peptide Nucleic Acids with Modified and Unnatural Nucleobases](#)
Student: Kadam, Vijay
Supervisor: Prof. Krishna N. Ganesh

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