



SRINIVASA RAMANUJAN LIBRARY

New Additions of Books June 2017

Contents

Subject	Page No.
Generalities	2
Natural Sciences	3
Mathematics	3
Physics	5
Chemistry	6
Earth Sciences	6
Applied Sciences	7
Arts	9
History	9

Generalities

- 19589 [Longitudinal analysis: modeling within-person fluctuation and change](#)
Hoffman, Lesa
Routledge, 2015
001.433/HOF
- 19630 [Nonlinear dynamics and chaotic phenomena: an introduction](#)
Shivamoggi, Bhimsen K.
Springer, 2014
003.857/SIH
- 19651 [Everything you wanted to know about freelance journalism](#)
Rao, Kavitha
Westland Ltd., 2014
004.696/JOU
- 19654 [Usable security: history, themes, and challenges](#)
Garfinkel, Simson
Morgan and Claypool Publishers, 2014
005.8/GAR
- 19646 [Space, time, and the limits of human understanding](#)
Wuppuluri, Shyam_Ed.
Springer, 2017
121/WUP
- 19656 [Organization of behavior: a neuropsychological theory](#)
Hebb, D.O.
Routledge, 2012
150.198/HEB
- 19591 [Other side of the mountain](#)
Khurshid, Salman.
Hay House
320.954/KHU
- 19590 [Fault lines: how hidden fractures still threaten the world economy](#)
Rajan, Raghuram G.
Collins Business, 2011
330.90511/RAJ
- 19624 [Security analysis](#)
Graham, Benjamin
McGraw Hill Education, 2009
332.632042/GRA

Go to top

- 19650 [Wall Street meat: my narrow escape from the stock market grinder](#)
Kessler, Andy
HarperCollins, 2003
332.64273/KES
- 19607 [Bone detective: the story of forensic anthropologist Diane France](#)
Hopping, Lorraine Jean.
Joseph Henry Press, 2005
363.25/HOP

Natural Sciences

- 19616 [Silent landscape : the scientific voyage of HMS Challenger](#)
Corfield, Richard
Joseph Henry Press, 2003
508/COR
- 19649 [Idea makers: personal perspectives on the lives & ideas of some notable people](#)
Wolfram, Stephen
Wolfram Media, Inc., 2016
509.22/WOL

Mathematics

- 19623 [Instanton moduli spaces and W-algebras](#)
Braverman, Alexander
Societe Mathematique de France, 2016
510/BRA
- 19622 [Quantizations of conical symplectic resolutions](#)
Braden, Tom
Societe Mathematique de France, 2016
510/BRA
- 19601 [Mathematical models and methods for living systems:](#)
Levico Terme, Italy 2014
Ciarletta, Pasquale
Springer, 2016
510/CIA
- 19600 [Estimation and testing under sparsity](#)
Van de Geer, Sara
Springer, 2016
510/VAN

Go to top

- 19605 [Quantization on nilpotent Lie groups](#)
Fischer, Veronique
Springer Science, 2016
512.482/FIS
- 19592 [Introduction to vectors, vector operators and vector analysis](#)
Joag, Pramod S.
Cambridge University Press, 2016
512.5/JOA
- 19620 [Fourier analysis Part I: theory](#)
Constantin, Adrian.
Cambridge University Press, 2016
515.2433/CON
- 19603 [Inverse problems in ordinary differential equations and applications](#)
Llibre, Jaume
Springer Berlin Heidelberg, 2016
515.35/LLI
- 19635 [Second order parabolic differential equations](#)
Lieberman, Gary M.
World Scientific Publishing Company Co. Pte. Ltd., 1996
515.353/LIE
- 19597 [Divergent Series, summability and resurgence III](#)
Delabaere, Eric
Springer, 2016
515.354/DEL
- 19596 [Divergent series, summability and resurgence I: monodromy and resurgence](#)
Mitschi, Claude
Springer Berlin Heidelberg, 2016
515.354/MIT
- 19598 [Divergent series, summability and resurgence II: simple and multiple summability](#)
Loday-Richaud, Michele
Springer, 2016
515.354/SIB
- 19604 [Spectral theory of infinite-area hyperbolic surfaces](#)
Borthwick, David
Springer, 2016
515.93/BOR

Go to top

19621 [Riemann surfaces and algebraic curves: a first course in Hurwitz theory](#)
Cavalieri, Renzo
Cambridge University Press, 2016
515.93/CAV

19602 [Brownian motion, martingales, and stochastic calculus](#)
Gall, Jean-Francois Le.
Springer Berlin Heidelberg, 2016
519.2/GAL

Physics

19617 [Strong force: the story of physicist Shirley Ann Jackson](#)
O'Connell, Diane
Franklin Watts, 2005
530.092/OCO

19631 [Student's manual for A first course in general relativity](#)
Scott, Robert B.
Cambridge University Press, 2016
530.11076/SCO

19586 [Modern approach to quantum mechanics](#)
Townsend, John S.
University Science Books, 2012
530.12/TOW

19588 [Solitons and instantons : an introduction to solitons](#)
and instantons in quantum field theory
Rajaraman, R.
Elsevier, 1987
530.143/RAJ

19653 [Quantum field theory in condensed matter physics](#)
Tsvelik, Alexei M.
Cambridge University Press, 2003
530.143/TSV

19634 [Design, modeling and control of nanopositioning systems](#)
Fleming, Andrew J.
Springer, 2014
530/FLE

19648 [Modern physics for scientists and engineers](#)
Taylor John R.
Viva Books Pvt Ltd., 2017
530/TAY

Go to top

- 19599 [Nonlinear water waves](#)
Constantin, Adrian_Ed.
Springer, 2016
532.5930/CON
- 19585 [Introductory course of particle physics](#)
Pal, Palash B.
CRCPress, 2015
539.72/PAL
- 19587 [Quarks and leptons: an introductory course in modern particle physics](#)
Halzen, Francis
Wiley, 2016
539.721/HAL

Chemistry

- 19632 [Chemistry](#)
Blackman, Allan
Wiley, 2016
540/BLA
- 19594 [Uncovering student ideas in physical sciences Vol.1:](#)
45 new force and motion assessment probes
Keeley, Page
Viva Books, 2017
540/KEE
- 19595 [Uncovering student ideas in physical sciences Vol.2:](#)
39 new electricity and magnetism formative assessment probes
Keeley, Page.
Viva Books, 2017
540/KEE
- 19647 [Principles of thermal analysis and calorimetry](#)
Gaisford, Simon_Ed.
Royal Society of Chemistry, 2016
543.26/GAI

Earth Sciences

- 19610 [Forecast earth: the story of climate scientist Inez Fung](#)
Skelton, Renee
Joseph Henry Press, 2005
551.6092/FUN

Go to top

- 19612 [In the beat of a heart: life, energy, and the unity of nature](#)
Whitfield, John
Joseph Henry Press, 2006
570/WHI
- 19639 [Cytoskeleton](#)
Pollard, Thomas D._Ed.
Cold Spring Harbor Laboratory Press, 2017
571.654/POL
- 19638 [Small angle x-ray and neutron scattering from](#)
solutions of biological macromolecules
Svergun, Dmitri I.
Oxford University Press, 2013
572.33/SVE
- 19626 [Beautiful brain: the drawings of santiago ramon y cajal](#)
Swanson, Larry W.
ABRAMS, 2017
573.86/SWA
- 19609 [Darwin's gift to science and religion](#)
Ayala, Francisco J.
Joseph Henry Press, 2007
576.8/AYA
- 19633 [Introduction to geomicrobiology](#)
Konhauser, Kurt.
Wiley India, 2014
579/KON
- 19615 [Narrow Edge: A Tiny Bird, an Ancient Crab, and an Epic Journey](#)
Cramer, Deborah
Yale University Press, 2015
598.1568/CRA
- 19611 [Gorilla mountain: the story of wildlife biologist, Amy Vedder](#)
Ebersole, Rene
Joseph Henry Press, 2005
599.884092/EBE

Applied Sciences

- 19662 [Dreams of Santiago Ramo'n y Cajal](#)
Ehrlich, Benjamin.
Oxford University Press, 2017
610.695/EHR

Go to top

- 19608 [Common thread : a story of science, politics, ethics, and the human genome](#)
Sulston, John
Joseph Henry Press, 2002
611.01816/SUL
- 19641 [Cajal's butterflies of the soul: science and art](#)
DeFelipe, Javier
Oxford University Press, 2010
611.01898/DEF
- 19629 [Can neuroscience change our minds?](#)
Rose, Hilary
Polity Press, 2016
612.8/ROS
- 19658 [Computational brain](#)
Churchland, Patricia S.
MIT Press, 2017
612.82/CHU
- 19628 [Neurocomic](#)
Farinella, Matteo
Nobrow Press, 2013
612.82/FAR
- 19627 [Portraits of the mind: visualizing the brain from antiquity to the 21st century](#)
Schoonover, Carl
Abrams, 2010
612.82/SCH
- 19618 [Stuff matters: exploring the marvelous materials that shape our manmade world](#)
Miodownik, Mark
Houghton Mifflin Harcourt, 2014
620.11/MIO
- 19619 [Toms River: a story of science and salvation](#)
Fagin, Dan
Bantam Books, 2013
628.114/FAG
- 19593 [India's rise as a space power](#)
Rao, U. R.
Foundation Books, 2014
629.40954/RAO

Go to top

- 19613 [Mendel in the kitchen: a scientist's view of genetically modified foods](#)
Fedoroff, Nina V.
Joseph Henry Press, 2004
641.3/FED

Arts

- 19660 [Reductionism in art and brain science: bridging the two cultures](#)
Kandel, Eric R.
Columbia University Press, 2016
700.19/KAN
- 19652 [Reel world: on location in kollywood](#)
Pandian, Anand
Penguin Books India, 2017
791.430954/PAN

History

- 19614 [Mountains of madness: a scientist's odyssey in Antarctica](#)
Long, John.
Joseph Henry Press, 2001
919.8904/LON
- 19606 [Pune: queen of the Deccan](#)
Diddee, Jaymala
Intach Pune Chapter, 2013
954.8/DID

Go to top