



SRINIVASA RAMANUJAN LIBRARY
Indian Institute of Science Education and Research Pune
Dr. Homi Bhabha Road, Pune - 411008. India.
e-mail: libraryservices@iiserpune.ac.in

Monthly Bulletin of New Additions of Books AUG 2022

Contents

| Subject | Page No |
|---------------------------------|---------|
| GENERALITIES | 2 |
| PSYCHOLOGY | 2 |
| SOCIAL SCIENCES | 2 |
| POLITICAL SCIENCE | 3 |
| ECONOMICS | 3 |
| EDUCATION | 4 |
| NATURAL SCIENCES | 4 |
| MATHEMATICS | 5 |
| ASTRONOMY & ALLIED SCIENCES | 6 |
| PHYSICS | 6 |
| CHEMISTRY & ALLIED SCIENCES | 8 |
| EARTH SCIENCES | 8 |
| LIFE SCIENCES | 8 |
| MEDICAL SCIENCE & MEDICINE | 10 |
| ENGINEERING & ALLIED OPERATIONS | 11 |
| AGRICULTURE | 11 |
| ARTS | 11 |
| LITERATURE & RHETORIC | 13 |
| GEOGRAPHY & HISTROY | 13 |

000 GENERALITIES

Keller, Dana K.

[Tao of research: a path to validity.](#)

Los Angeles: SAGE Publications, 2010. XII, 142.

001.42/KEL

25261

Buchanan, Ben.

[Hacker and the state: cyber-attacks and the new normal of geopolitics.](#)

Cambridge: Harvard University Press, 2020. 412.

005.87/BUC

25256

Acharya, Keya.

[Green pen: environmental journalism in India and South Asia.](#)

New Delhi: Sage Publications India Pvt Ltd, 2010. XV, 303.

070.44936/ACH

25352

150 PSYCHOLOGY

Daniel T. Blumstein.

[Nature of fear: survival lessons from the wild.](#)

Cambridge: Harvard University Press, 2020. 236.

152.46/DAN

25258

Belsky, Jay.

[Origins of you: how childhood shapes later life.](#)

Cambridge: Harvard University Press, 2020. X, 410.

155/BEL

25259

Smith, David Livingstone.

[Making monsters: the uncanny power of dehumanization.](#)

Cambridge: Harvard University Press, 2021. XVI, 329.

179.9/SMI

25232

200 RELIGION

Hallisey, Charles.

[Therigatha: poems of the first Buddhist women.](#)

Cambridge: Harvard University Press, 2015. XLI, 290.

294.38232/HAL

25262

300 SOCIAL SCIENCES

Rodriguez, Havidan.

[Handbook of disaster research.](#)

Cham: Springer, 2018. XXXVIII, 619.

301/ROD

25357

Eichhorn, Kate.

[End of forgetting: growing up with social media.](#)

Cambridge: Harvard University Press, 2019. 185.

302.231/EIC

25254

Hansen, Lara J.

[Climate savvy: adapting conservation and resource management to a changing world.](#)

Washington DC: Island Press, 2011. X, 245.

304.25/HAN

25214

320 POLITICAL SCIENCE

Knuttila, Kenneth Murray.

[State theories: classical, global, and feminist perspectives.](#)

New York: Zed Books, 2000. 221.

320.1/KNU

25358

Jayal, Niraja Gopal.

[Oxford companion to politics in India. - Student edition ed.](#)

New Delhi: Oxford University Press, 2011. XXXII, 618.

320.954/JAY

25347

Shastri, Sandeep.

[Electoral politics in Indian states: Lok Sabha elections in 2004 and beyond.](#)

New Delhi: Oxford University Press, 2009. XVI, 453.

324.954/SHA

25329

330 ECONOMICS

Samuelson, Paul A.

[Economics.](#)

Chennai: McGraw Hill Education Pvt.Ltd, 2020. XLII, 945.

330/SAM

25338

Jordan, William R.

[Making nature whole: a history of ecological restoration.](#)

Washington DC: Island Press, 2014. XIV, 256.

333.7153/JOR

25233

Nielsen, Larry A.

[Nature's allies: eight conservationists who changed our world.](#)

Washington DC: Island Press, 2017. XV, 255.

333.720922/NIE

25239

Grumbine, R. Edward.

[Where the dragon meets the Angry River: nature and power in the People's Republic of China.](#)

Washington DC: Island Press, 2015. 236.

333.720951/GRU

25265

Raman, T. R. Shankar.

[Wild heart of India: nature and conservation in the city, the country, and the wild.](#)

New Delhi: Oxford University Press, 2019. XXXI, 476.

333.720954/RAM

25267

Helfman, Gene S.

[Fish conservation: a guide to understanding and restoring global aquatic biodiversity and fishery resources.](#)

Washington DC: Island Press, 2007. XIV, 584.

333.95611/HEL

25221

340 LAW

Houck, Oliver A.

[Taking back Eden: eight environmental cases that changed the world.](#)

Washington DC: Island Press, 2010. X, 235.

344.046/HOU

25250

[Go to top](#)

350 PUBLIC ADMINISTRATION

Monosson, Emily.

[Natural defense: enlisting bugs and germs to protect our food and health.](#)

Washington DC: Island Press, 2017. X, 186.

363.8/MON

25237

370 EDUCATION

Becker, Lucinda M.

[Presenting your research: conferences, symposiums, poster presentations and beyond.](#)

London: SAGE Publications, 2014. VIII, 147.

370.72/BEC

25244

Urquiola S., Miguel.

[Markets, minds, and money: why America leads the world in university research.](#)

Cambridge: Harvard University Press, 2020. 347.

378.007/URQ

25235

500 NATURAL SCIENCES

Olson, Randy.

[Don't be such a scientist: talking substance in an age of style.](#)

Washington DC: Island Press, 2009. VII, 206.

501.4/OLS

25215

Kuchner, Marc J.

[Marketing for scientists: how to shine in tough times.](#)

Washington DC: Island Press, 2012. X, 236.

502.3/KUC

25234

Matthews, Michael R.

[Time for science education: how teaching the history and philosophy of pendulum motion can contribute to science literacy.](#)

New York: Springer, 2000. XXVIII, 439.

507.1/MAT

25272

Cowles, Henry M.

[Scientific method: an evolution of thinking from Darwin to Dewey.](#)

Cambridge: Harvard University Press, 2020. 372.

507.21/COW

25260

Wilson, Edward O.

[Naturalist.](#)

Washington DC: Island Press, 2006. X, 394.

508.092/WIL

25238

Beebe, William.

[Galapagos: world's end.](#)

New York: Dover Publications, 1924. XIV, 442.

508.8665/BEE

25223

Jones, Steve.

[Revolutionary science: transformation and turmoil in the age of the guillotine.](#)

New York: Pegasus Books, 2017. XXX, 353.

509.4409033/JON

25246

510 MATHEMATICS

Hoffman, Kenneth.

[Linear algebra.](#)

New Delhi: Pearson, 2015. VIII, 407.

512.5/HOF

GB2762

Tao, Terence.

[Analysis Vol.II.](#)

New Delhi: Hindustan Book Agency, 2014. XIV, 218.

515/TAO

GB2761

Tao, Terence.

[Analysis Vol.I.](#)

New Delhi: Hindustan Book Agency, 2014. XVI, 349.

515/TAO

GB2760

Khasminskii, Rafail.

[Stochastic stability of differential equations.](#)

Heidelberg: Springer, 2012. XVII, 339.

515.35/KHA

25301

Lipschutz, Seymour.

[Vector analysis and an introduction to tensor analysis.](#)

Chennai: McGraw Hill Education Pvt Ltd, 2009. VIII, 238.

515.63/LIP

25378

Gikhman, I. I.

[Theory of stochastic processes Vol.02.](#)

Berlin: Springer, 2004. VII, 441.

519.2/GIK

25302

Kunita, H.

[Stochastic flows and stochastic differential equations.](#)

Cambridge: Cambridge University Press, 1990. XIV, 346.

519.2/KUN

25328

Kunita, Hiroshi.

[Stochastic flows and jump-diffusions.](#)

Singapore: Springer, 2019. XVII, 352.

519.2/KUN

25299

Situ, Rong.

[Theory of stochastic differential equations with jumps and applications: mathematical and analytical techniques with applications to engineering.](#)

New York: Springer, 2005. XV, 434.

519.2/SIT

25305

Yin, George.

[Hybrid switching diffusions: properties and applications.](#)

New York: Springer, 2010. XVIII, 395.

519.2/YIN

25304

[Go to top](#)

Mao, Xuerong.
[Stochastic differential equations with Markovian switching.](#)
London: Imperial College Press, 2006. XVIII, 409.
519.22/MAO
25308

Gikhman, I. I.
[Theory of stochastic processes Vol.03.](#)
Berlin: Springer, 2007. 383.
519.23/GIK
25303

Fleming, Wendell H.
[Controlled Markov processes and viscosity solutions.](#)
New York: Springer, 2006. 428.
519.233/FLE
25300

520 ASTRONOMY & ALLIED SCIENCES

Partridge, R. B.
[3K: the cosmic microwave background radiation.](#)
New York: Cambridge University Press, 1995. XIX, 373.
523.01875/PAR
25266

530 PHYSICS

Griffiths, David J.
[Introduction to quantum mechanics.](#)
Delhi: Pearson, 2015. XII, 480.
530.12/GRI
GB2766

Griffiths, David J.
[Introduction to quantum mechanics.](#)
Cambridge: Cambridge University Press, 2018. XIII, 495.
530.12/GRI
25318

Linares, Felipe.
[Introduction to nonlinear dispersive equations.](#)
New York: Springer, 2015. XIV, 301.
530.124/LIN
25296

Chowdhary, D.
[Principles of equilibrium statistical mechanics.](#)
Weinheim: Wiley - VCH, 2000. XXV, 538.
530.13/CHO
25319

Huang, K.
[Statistical mechanics.](#)
New Delhi: John Wiley & Sons, 2003. IX, 493.
530.13/HUA
25314

Pathria, R. K.
[Statistical mechanics.](#)
New Delhi: RELX India Pvt Ltd., 2018. XXVI, 716.
530.13/PAT
25317

[Go to top](#)

Vachaspati, Tanmay.
[Kinks and domain walls: an introduction to classical and quantum solitons.](#)
Cambridge: Cambridge University Press, 2006. XIII, 176.
530.14/VAC
25326

Birrell, N. D.
[Quantum fields in curved space.](#)
Cambridge: Cambridge University Press, 1982. IX, 340.
530.143/BIR
25316

Mukhanov, V. F.
[Introduction to quantum effects in gravity.](#)
Cambridge: Cambridge University Press, 2007. X, 273.
530.143/MUK
25315

Loudon, W. J.
[Laboratory course in experimental physics.](#)
New York: Macmillan and Co., 1895. VIII, 302.
530.2/LOU
25379

Landau, L.D.
[Mechanics.](#)
New Delhi: Elsevier, 1976. XXVII, 170.
531/LAN
25313

Greiner, Walter.
[Classical mechanics: systems of particles and Hamiltonian dynamics.](#)
Heidelberg: Springer, 2010. XVIII, 579.
531.01515/GRE
25294

Nieto-Vesperinas, M.
[Scattering and diffraction in physical optics.](#)
Singapore: World Scientific, 2006. XIX, 434.
535.4/NIE
25309

Guimaraes, Alberto P.
[Principles of nanomagnetism.](#)
Heidelberg: Springer, 2009. XI, 221.
538/GUI
25384

Wu, Guozhen.
[Molecular vibrations: an algebraic and nonlinear approach.](#)
Singapore: World Scientific, 2019. XII, 235.
539.6/WU
25289

Krane, K.S.
[Introductory nuclear physics.](#)
New Delhi: Wiley India Pvt Ltd, 1988. XIII, 845.
539.7/KRA
25320

[Go to top](#)

540 CHEMISTRY & ALLIED SCIENCES

Datta, Subhajit.

[Syntheses and Functional Studies of Cationic Metal-organic Frameworks \(MOFs\) toward Light Hydrocarbons](#)

Separation and Environmental Pollutants Remediation.

PUNE: IISER, PUNE, June-2022.

540/DAT

TH365

Darvas, Ferenc.

[Flow chemistry Vol.01: fundamentals.](#)

Boston: Walter de Gruyter, 2021. XVI, 432.

543.22/DAR

25323

Darvas, Ferenc.

[Flow chemistry Vol.02: applications.](#)

Boston: Walter de Gruyter, 2021. XVI, 360.

543.22/DAR

25324

Lowry, Thomas H.

[Mechanism and theory in organic chemistry.](#)

New York: Harper & Row, 1987. XII, 1090.

547.13/LOW

25333

Ojima, Iwao.

[Catalytic asymmetric synthesis.](#)

Hoboken: John Wiley & Sons, 2010. XVII, 998.

547.2/OJI

25295

550 EARTH SCIENCES

Janssen, Peter.

[Interaction of ocean waves and wind.](#)

Cambridge: Cambridge University Press, 2004. VIII, 300.

551.463/JAN

25327

Valdiya, K.S.

[Making of India: geodynamic evolution.](#)

Cham: Springer, 2016. XXXVI, 924.

551.8/VAL

25322

Ramsay, John G.

[Folding and fracturing of rocks.](#)

Caldwell: Blackburn Press, 1967. XVI, 568.

551.875/RAM

25334

570 LIFE SCIENCES

Kuttanankuzhi, Abhijith.

[Understanding the role of Apoptosis Inhibitor 5 \(Api5\) in breast cancer.](#)

PUNE: IISER, PUNE, December-2021. XVII, 141.

570/KUT

TH364

R, Abinaya.

[Human ABHD14B: a novel lysine deacetylase regulating transcription of metabolic genes.](#)

PUNE: IISER, PUNE, March -2022. 94.

570/ABI

TH362

Umesh, Rintu M.
[Role of TopBP1 during breast tumorigenesis.](#)
PUNE: IISER, PUNE, December -2021. XVI, 131.
570/UME
TH363

Ehrlich, Paul R.
[Dominant animal: human evolution and the environment.](#)
Washington DC: Island Press, 2009. 464.
573/HER
25252

Latour, Bruno.
[Laboratory life: the construction of scientific facts.](#)
Princeton: Princeton University Press, 1986. 294.
574.072/LAT
25270

Monosson, Emily.
[Unnatural selection: how we are changing life, gene by gene.](#)
Washington DC: Island Press, 2015. X, 187.
576.542/MON
25264

Lingam, Manasvi.
[Life in the cosmos: from biosignatures to technosignatures.](#)
Cambridge: Harvard University Press, 2021. I.
576.839/LIN
25229

Rieger, John P.
[Project planning and management for ecological restoration.](#)
Washington DC: Island Press, 2014. XIII, 300.
577.068/RIE
25245

Struzik, Edward.
[Future arctic: field notes from a world on the edge.](#)
Washington DC: Island Press, 2015. 199.
577.2709113/STR
252221.

Du Toit, Johan.
[Kruger experience: ecology and management of savanna heterogeneity.](#)
Washington DC: Island Press, 2003. XV, 519.
577.48096/Du TOI
25257

Goater, Timothy M.
[Parasitism: the diversity and ecology of animal parasites.](#)
Cambridge: Cambridge University Press, 2014. XV, 497.
578.65/GOA
25274

590 ZOOLOGICAL SCIENCES

Wilcove, David Samuel.
[No way home: the decline of the world's great animal migrations.](#)
Washington DC: Island Press, 2008. IX, 245.
591.568/WIL
25240

[Go to top](#)

Collar, N.J.
[Threatened birds of Asia: the BirdLife International red data book Part A.](#)
Cambridge: BirdLife International, 2001. XXX, 1516.
598.095/COL
25287

610 MEDICINAL SCIENCES & MEDICINE

Cooley, Donald G.
[Better homes and gardens family medical guide.](#)
New York: Meredith Corporation, 1973. 1088.
610/COO
GB2765

Wagman, Richard J.
[Medical and health encyclopedia.](#)
Chicago: J.G. Ferguson Publishing Company, 1983. 627.
610/WAG
GB2764

Ellis, Richard.
[Tiger bone & rhino horn: the destruction of wildlife for traditional Chinese medicine.](#)
Washington DC: Island Press, 2005. XIII, 294.
610.951/ELL
25263

Jordan-Young, Rebecca M.
[Testosterone: an unauthorized biography.](#)
Cambridge: Harvard University Press, 2019. 274.
612.61/JOR
25251

Opris, Ioan.
[Physics of the mind and brain disorders: integrated neural circuits supporting the emergence of mind.](#)
New York: Springer, 2017. XVI, 793.
612.8/OPR
25312

Asma, Stephen T.
[Emotional mind: the affective roots of culture and cognition.](#)
Cambridge: Harvard University Press, 2019. 429.
612.8232/ASM
25253

Galizia, C. Giovanni.
[Neurosciences: from molecule to behavior: a university textbook.](#)
Heidelberg: Springer Spektrum, 2013. XIV, 736.
612.8233/GAL
25332

Barwich, A. S.
[Smellosophy: what the nose tells the mind.](#)
Cambridge: Harvard University Press, 2020. XI, 366.
612.825/BAR
25248

Monosson, Emily.
[Evolution in a toxic world: how life responds to chemical threats.](#)
Washington DC: Island Press, 2012. XII, 223.
613.1/MON
25220

[Go to top](#)

Goldberg, Burton.
[Alternative medicine: the definitive guide.](#)
Tiburon: Future Medicine Publishing, 1993. XXXVIII, 1068.
615.5/GOL
GB2763

620 ENGINEERING & ALLIED OPERATIONS

Kirby, Richard Shelton.
[Engineering in history.](#)
New York: Dover Publications, 1990. VII, 516.
620.009/KIR
25219

Chakraborty, Tapash.
[Nanoscale quantum materials: musings on the ultra-small world.](#)
Boca Raton: CRC Press, 2022. XV, 232.
620.115/CHA
25269

630 AGRICULTURE

Dyer, Andy.
[Chasing the red queen: the evolutionary race between agricultural pests and poisons.](#)
Washington DC: Island Press, 2014. XV, 221.
632.95042/DYE
25213

Howell, Evelyn A.
[Introduction to restoration ecology.](#)
Washington DC: Island Press, 2012. XV, 418.
639.9/HOW
25225

670 MANUFACTURING

Varadarajan, Lotika.
[Of fibre and loom: the Indian tradition.](#)
Ahmedabad: National Institute of Design, 2008. 308.
677.02854/VAR
25242

700 ARTS

Kazmi, Nuzhat.
[Islamic art : the past and modern.](#)
New Delhi: Roli Books, 2009. 144.
704.94897/KAZ
25228

Harris, Jonathan P.
[Art history: the key concepts.](#)
Abingdon: Routledge, 2006. XIV, 342.
709/HAR
GB2767

Carey, Moya.
[Illustrated encyclopedia of Islamic art and architecture: a comprehensive history of Islam's 1,400-year legacy of art design and architecture, with 500 beautiful photographs, paintings and maps.](#)
London: Lorenz Books, 2014. 256.
709.1767/CAR
25227

[Go to top](#)

Porter, Yves.

[Glory of the sultans: Islamic architecture in India.](#)

Paris: Flammarion, 2009. 303.

720.882970/POR

25255

Khwaja, G.S.

[Encyclopaedia of Islamic architecture Vol.I: Central Asia \(c. 621-1629 A.D.\).](#)

New Delhi: Bharatiya Kala Prakashan, 2014. 226.

720.9174927/KHW

25216

Khwaja, G.S.

[Encyclopaedia of Islamic architecture Vol.II: Sultanate period \(1193-1526\).](#)

New Delhi: Bharatiya Kala Prakashan, 2014. 374.

720.9174927/KHW

25217

Khwaja, G.S.

[Encyclopaedia of Islamic architecture Vol.III : Mughal period \(1526-1707\).](#)

New Delhi: Bharatiya Kala Prakashan, 2014. 277.

720.9174927/KHW

25218

Pitkar, Yashwant.

[Romance of red stone: an appreciation of ornament on Islamic architecture in India.](#)

Mumbai: Super Book House, 2010. 254.

720.954/PIT

25247

Khwaja, G.S.

[Islamic architecture of Delhi.](#)

Delhi: Bharatiya Kala Prakashan, 2012. XXXVIII, 382.

720.95456/KHW

25226

Stierlin, Henri.

[Hindu India: from Khajuraho to the temple city of Madurai.](#)

Koln: Taschen, 1998. 237.

726.1450954/STI

25224

Uluhanli, Leyla.

[Mosques: splendors of Islam.](#)

New York: Rizzoli, 2017. 304.

726.2/ULU

25236

Dehejia, Vidya.

[India a story through 100 objects.](#)

New Delhi: Lustre Press/Roli books, 2021. 279.

745.0954/DEH

25362

Neumayer, Erwin.

[Lines on stone: the prehistoric rock art of India.](#)

New Delhi: Manohar Publishers, 2016. 338.

759.01130/NEU

25231

[Go to top](#)

Cherchi Usai, Paolo.

[Silent cinema: a guide to study, research and curatorship.](#)

London: Bloomsbury on behalf of the British Film Institute, 2019. XXXV, 403.

791.4309/CHE

25368

Smullyan, Raymond M.

[What is the name of this book? the riddle of Dracula and other logical puzzles.](#)

Mineola: Dover Publications, 2011. 241.

793.73/SMU

25249

800 LITERATURE & RHETORIC

Barry, Peter.

[Beginning theory: an introduction to literary and cultural theory.](#)

New Delhi: Viva Books, 2018. XIII, 290.

801.95/BAR

25342

Mason, Jessica.

[Studying fiction: a guide for teachers and researchers.](#)

Abingdon: Routledge, 2021. 125.

823.00712/MAS

25310

Nongkynrih, Kynpham Singh.

[Funeral nights.](#)

Chennai: Context, 2021. XII, 1009.

823.912/NON

25268

900 GEOGRAPHY & HISTORY

Albanese, Marilia.

[Northern India: an archaeological guide.](#)

Vercelli: White Star, 2001. 167.

934/ALB

25241

Guha, Sudeshna.

[Artefacts of history: archaeology, historiography and Indian pasts.](#)

New Delhi: Sage Publications India Pvt, 2015. XIII, 273.

954.0072/GUH

25367

[Go to top](#)