

## APPLIED MECHANICS

### BU/AM

#### 1. Scheck, Florian

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ISBN : 9783662554883. : Rs. 8142.19.

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Fluid mechanics and its applications / by Vijay Gupta and Santosh Kumar Gupta. - 3rd ed. - New Delhi: New Age International, 2016.  
xiii, 503p.  
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#### 3. Kleinstreuer, Clement

Modern fluid dynamics / by Clement Kleinstreuer. - 2nd ed. - Boca Raton: CRC Press, 2018.  
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#### 4. Bergman, David R.

Computational acoustics: theory and implementation / by David R. Bergman. - Hoboken: John Wiley, 2018.  
viii, 279p.(Wiley series in acoustics, noise and vibration).  
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Finite element method: fundamentals and applications in civil,  
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## 8. Alderliesten, Rene

Fatigue and fracture of fibre metal laminates / by Rene Alderliesten.  
- Switzerland: Springer, 2017.

xii, 300p.(Solid mechanics and its applications, 236).

ISBN : 9783319562261. : Rs. 9485.53.

\*\*1. Metallic composites-Fatigue 2. Fibrous composites-Fatigue 3.

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ISBN : 9781119237303. : Rs. 10395.00.

\*\*1. Metal-Work 2. Metals-Formability 3. Metals-Plastic properties.I.

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Fracture mechanics: with an introduction to micromechanics / By Dietmar Gross and Thomas Seelig. - 3rd ed. - Switzerland: Springer, 2018.

xi, 362p.(Mechanical engineering series).

ISBN : 9783319710891. : Rs. 7327.89.

\*\*1. Micromechanics 2. Engineering 3. Materials 4. Mechanical engineering.I. Seelig, Thomas II. Title III. Series

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11. Lexcellent, Christian

Linear and non-linear mechanical behavior of solid materials / By Christian Lexcellent. - Switzerland: Springer, 2018.

xv, 259p.

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\*\*1. Materials- Mechanical properties 2. Mass transfer 3. Materials science 4. Thermodynamics.I. Title

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Composite structures: design, mechanics, analysis, manufacturing and testing / by Manoj Kumar Buragohain. - Boca Raton: CRC Press, 2017.

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Analysis of engineering structures and material behavior / by Josip Brnic. - Hoboken: John Wiley, 2018.

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15. Melchers, Robert E.

Structural reliability analysis and prediction / by Robert E. Melchers and Andre T. Beck. - 3rd ed. - Hoboken: John Wiley, 2018.  
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Optimization methods in structural design / By Alan Rothwell. - Switzerland: Springer, 2017.  
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Shell structures in civil and mechanical engineering: theory and analysis / by Alphonse Zingoni. - 2nd ed. - London: ICE Publishing, 2018.  
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Mathematics applied to deterministic problems in the natural sciences / by C.C. Lin, L.A. Segel and G.H. Handelman. - New York: SIAM, 1988.

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\*\*1. Mathematics.I. Segel, L.A. II. Handelman, G.H. III. Title IV.

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19. Fritz, James S

Ion chromatography / by James S. Fritz and Douglas T. Gjerde. - 4th ed. - Weinheim: Wiley-VCH, 2009.

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ISBN : 9783527320523. : Rs. 15048.95.

\*\*1. Ion exchange chromatography.I. Gjerde, Douglas T. II. Title

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20. Modern practice of gas chromatography / edited by Robert L. Grob and Eugene F. Barry. - 4th ed. - Hoboken: John Wiley, 2004.

xi, 1045p.

ISBN : 9780471229834. : Rs. 17047.80.

\*\*1. Gas chromatography.I. Ed.Grob, Robert L. II. Ed.Barry, Eugene F.

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21. Snyder, Lloyd R.

Introduction to modern liquid chromatography / by Lloyd R. Snyder, Joseph J. Kirkland and John W. Dolan. - 3rd ed. - Hoboken: John Wiley, 2010.

xli, 912p.

ISBN : 9780470167540. : Rs. 10543.23.

\*\*1. Liquid chromatography 2. High performance liquid chromatography.I. Kirkland, Joseph J. II. Dolan, John W. III. Title

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22. McNair, Harold M.

Basic gas chromatography / by Harold M. McNair and James M. Miller. -

2nd ed. - Hoboken: John Wiley, 2009.

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ISBN : 9780470439548. : Rs. 5476.27.

\*\*1. Gas chromatography.I. Miller, James M. II. Title

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23. Kromidas, Stavros

More practical problem solving in HPLC / by Stavros Kromidas;

translated by Renate FitzRoy. - Weinheim: John Wiley, 2005.

xv, 294p.

ISBN : 9783527311132. : Rs. 7559.15.

\*\*1. Phase partition 2. High performance liquid chromatography.I.

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Practical problem solving in HPLC / by Stavros Kromidas. - New Delhi:

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xxi, 608p.

ISBN : 9781466582163. : Rs. 8522.87.

\*\*1. Thermodynamics 2. Biochemical engineering 3. Biochemistry.I.

Ed.Stockar, Urs von II. Title

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## CENTRAL LIBRARY

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26. Guinness world records 2018: meet our real-life superheroes / edited by Craig Glenday. - London: Guinness world records limited, 2017.

255p.

Corporate authorship of Guinness world records limited.

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\*\*1. World records 2. Curiosities and wonders.I. Ed.Glenday, Craig

II. Title

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27. Limca book of records 2018: India at her best / edited by Vijaya Ghose...(et.al.). - Gurugram: Hachette India, 2018.

viii, 688p.

ISBN : 9789351952367. : Rs. 299.00.

\*\*1. Records- India-Yearbook 2. Miscellanea- Periodicals-India.I.

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28. Bhatt, N.D.

Engineering drawing: plane and solid geometry / by N.D. Bhatt, V.M. Panchal and Promod R. Ingle. - 53rd ed. - Gujarat: Charotar Publishing House, 2016.

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\*\*1. Geometric drawing 2. Technical drawing 3. Solid geometry.I.

Panchal, V.M. II. Ingle, Pramod R. III. Title

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Signal processing for radiation detectors / by Mohammad Nakhostin. - Hoboken: John Wiley, 2018.

xiii, 514p.

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\*\*1. Nuclear counters 2. Radioactivity-Measurement 3. Signal processing.I. Title

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Digital communications with emphasis on data modems: theory, analysis, design, simulation, testing and applications / By Richard W. Middlestead. - Hoboken: John Wiley, 2017.

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\*\*1. Wireless communication systems 2. Electronic circuits. 3. Technology & engineering-Mechanical.I. Frazaneh, Forouhar II. Title III. Series

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Electromagnetics and antenna technology / by Alan J. Fenn. - Boston: Artech House, 2018.

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Antenna design for cognitive radio / by Youssef Tawk, Joseph Costantine and Christos Christodoulou. - Boston: Artech House, 2016.

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\*\*1. Cognitive radio networks 2. Antennas (Electronics)-Design and construction.I. Costantine, Joseph II. Christodoulou, Christos III. Title

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Multicore DSP: from algorithms to real-time implementation on the TMS320C66x SoC / By Naim Dahnoun. - Hoboken: John Wiley, 2018. xxiii, 624p.

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\*\*1. Texas instruments TMS320 series microprocessors 2. Systems on a chip 3. Signal processing-Digital techniques.I. Title

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35. Umbaugh, Scott E

Digital image processing and analysis: applications with MATLAB® and CVIP tools / By Scott E Umbaugh. - 3rd ed. - Boca Raton: CRC Press, 2018.

xxiii, 873p.

ISBN : 9781498766029. : Rs. 10130.50.

\*\*1. Image processing- Digital techniques 2. CVIPtools 3. Computer vision 4. MATLAB.I. Title

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ISBN : 9780081020555. : Rs. 19793.25.

\*\*1. Detectors - Industrial applications. 2. Microelectromechanical systems - Industrial applications.I. Ed.Nihtianov, Stoyan II.

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37. Sediment fluxes in coastal areas / edited by Mohamed Mannan and Marc Robin. - New York: Springer, 2015.

xvii, 227p.(Costel research library, 10).

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\*\*1. Marine sediments 2. Sediment transport 3. Coast changes 4. Physical geography.I. Ed.Maanan, Mohamed II. Ed.Robin, Marc III. Title IV. Series

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38. Milliman, John D.

River discharge to the coastal ocean: a global synthesis / by John D. Milliman and Katherine L. Farnsworth. - Cambridge: Cambridge University Press, 2013.

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\*\*1. Rivers 2. Physical oceanography 3. Fluvial geomorphology.I. Farnsworth, Katherine L. II. Title

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39. Fundamentals of estuarine physical oceanography / by Luiz Bruner de Miranda...(et. al.). - Singapore: Springer, 2017.

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\*\*1. Estuarine oceanography 2. Earth sciences 3. Engineering geology 4. Fluids 5. Coasts.I. Bruner de Miranda, Luiz II. Title III. Series

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40. Rauber, Robert M.

Radar meteorology: a first course / by Robert M. Rauber and Stephen W. Nesbitt. - Hoboken: John Wiley, 2018.

xvi, 461p.(Advancing weather and climate science).

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\*\*1. Radar meteorology.I. Nesbitt, Stephen W. II. Title III. Series

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Evolution of meteorology: a look into the past, present, and future of weather forecasting / by Kevin Anthony Teague and Nicole Gallicchio. - Hoboken: John Wiley, 2017.

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\*\*1. Meteorology 2. Weather forecasting.I. Gallicchio, Nicole II.

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Atmospheric Aerosols: characteristics and radiative effects / By S. Ramchandran. - Boca Raton: CRC Press, 2018.

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\*\*1. Atmospheric aerosols 2. Radiative transfer 3. Climatology.I.

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Fundamentals of tropical climate dynamics / by Tim Li and Pang-chi Hsu. - Switzerland: Springer, 2018.

x, 229p.(Springer atmospheric sciences).

ISBN : 9783319595955. : Rs. 6269.30.

\*\*1. Tropics- Climate 2. Dynamic climatology 3. Earth sciences.I.

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44. North, Gerald R.

Energy balance climate models / by Gerald R. North and Kwang-Yul Kim. - Weinheim: Wiley-VCH, 2017.

xv, 369p.(Wiley series in atmospheric physics and remote sensing).

ISBN : 9783527411320. : Rs. 15157.50.

\*\*1. Climatic changes- Mathematical models 2. Bioenergetics 3.

Climatic changes- Computer simulation 4. Numerical weather

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45. Nanobiomaterials: classification, fabrication and biomedical applications / Edited by XiuMei Wang...(et. al.). - Weinheim: John Wiley, 2018.

xviii, 492p.

ISBN : 9783527340675. : Rs. 14931.75(Each Copy).

\*\*1. Nanostructured materials 2. Nanobiotechnology 3. Biomedical materials.I. Ed.Wang, XiuMei II. Title

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Applied mathematics for the analysis of biomedical data: models, methods and MATLAB / by Peter J. Costa. - Hoboken: John Wiley, 2017. xxxv, 409p.

ISBN : 9781119269496. : Rs. 8677.77 (Each Copy).

\*\*1. Biomathematics 2. Numerical analysis-Computer programs 3.

MATLAB.I. Title

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47. Bijsterbosch, Janine

Introduction to resting state fMRI functional connectivity / by Janine Bijsterbosch, Stephen Smith and Christian Beckmann. - Oxford: Oxford University Press, 2017.

xiii, 138p.(Oxford neuroimaging primers).

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Smith, Stephen II. Beckmann, Christian III. Title IV. Series

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Clinical electroencephalography and topographic brain mapping: technology and practice / by Frank H. Duffy, V.G. Iyer and W.W. Surwillo. - New York: Springer-Verlag, 1989.

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\*\*1. Electroencephalography 2. Brain mapping 3. Neurology 4.

Psychiatry.I. Iyer, V.G. II. Surwillo, W.W. III. Title

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High-energy-density physics: foundation of inertial fusion and experimental astrophysics / by R Paul Drake. - 2nd ed. - Switzerland: Springer, 2018.

xxiii, 658p.(Graduate texts in physics).

ISBN : 9783319677101. : Rs. 8072.19.

\*\*1. Plasma astrophysics 2. Plasma density 3. Energy level densities

4. Laser-plasma interactions.I. Title II. Series

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Hybrid energy systems: driving reliable renewable sources of energy storage / by Bahman Zohuri. - Switzerland: Springer, 2018.  
xviii, 287p.

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Grid integration of solar photovoltaic systems / by Majid Jamil, M. Rizwan and D. P. Kothari. - Boca Raton: CRC Press, 2018.  
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ISBN : 9781498798327. : Rs. 10478.80.

\*\*1. Photovoltaic power generation.I. Rizwan, M. II. Kothari, D. P.

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Photovoltaic science and technology / by J. N. Roy and D. N. Bose. - Cambridge: Cambridge India, 2018.  
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ISBN : 9781108415248. : Rs. 795.

\*\*1. Photovoltaic cells 2. Solar cells - Materials 3. Fotovoltaik.I.

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Physics of solar cells: perovskites, organics, and photovoltaic fundamentals / by Juan Bisquert. - Boca Raton: CRC Press, 2018.  
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Principles of environmental thermodynamics and kinetics / by Kalliat T. Valsaraj and Elizabeth M. Melvin. - 4th ed. - Boca Raton: CRC Press, 2018.

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\*\*1. Chemical reactions 2. Environmental engineering 3.

Thermodynamics.I. Melvin, Elizabeth M. II. Title

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xx, 286p.

V.10: Tools for green chemistry.

ISBN : 9783527326457. : Rs. 14,206.50.

\*\*1. Catalysis-Handbooks, manuals, etc. 2. Green chemistry-Catalysis-Handbooks, manuals, etc.I. Ed.Anastas, Paul T. II. Ed.Beach, Evan S. III. Ed.Kundu, Soumen IV. Title  
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56. Rosato, Mario Alejandro

Managing biogas plants: a practical guide / by Mario Alejandro Rosato. - Boca Raton: CRC Press, 2018.

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Introduction to fluid mechanics / by Yasuki Nakayama. - 2nd ed. - Cambridge: Elsevier, 2018.

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ISBN : 9780081024379. : Rs. 8316.00.

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Heat transfer to non-Newtonian fluids: fundamentals and analytical expressions / by Aroon Shenoy. - Weinheim: Wiley-VCH, 2018.

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ISBN : 9783527343621. : Rs. 13195.50.

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## 60. Levenspiel, Octave

Chemical reactor omnibook / by Octave Levenspiel. - North Carolina: Lulu.com, 2013.

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\*\*1. Chemical reactors 2. Chemical reactors-Design and construction.I. Title

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xxv, 603p.(Pharmaceutical nanotechnology series).

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\*\*1. Tissue engineering 2. Nanostructures.I. Ed.Grumezescu, Alexandru Mihai II. Title III. Series

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## 63. Nanotoxicology: experimental and computational perspectives / edited by Alok Dhawan, Diana Anderson and Rishi Shanker. - Cambridge: Royal Society of Chemistry, 2018.

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Electric powertrain: energy systems, power electronics and drives for hybrid, electric and fuel cell vehicles / by John G. Hayes and G. Abas Goodarzi. - Hoboken: John Wiley, 2018.

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\*\*1. Power electronics 2. Electric vehicles-Power supply 3. Hybrid electric vehicles-Power trains.I. Goodarzi, G. Abas II. Title

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Simulation of dynamic systems with MATLAB and simulink / by Harold Klee and Randal Allen. - 3rd ed. - Boca Raton: CRC Press, 2018.

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Shri Ramcharitmanas: sachitra, sateek, brahadakar / by Tulsidas; commented by Hanuman Prasad Poddhar. - Gorakhpur: Geeta Press, 2016. 969p.

: Rs. 550.00 (Each Copy).

\*\*1. Hinduism-Ramayana 2. Ramcharitmanas- Holy book.I. Ed.Poddhar, Hanuman Prasad (com.) II. Title

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135. Vyas,

Garudamahapuram (Sanskrit text with hindi translation): mula tatha bhashanuvad / by Mahrishi Vyas; translated by Jyotirvida Radhikaraman; edited by Mahesh Chandra Joshi. - Varanasi: Chaukhamba Krishnadas Academy, 2015.

1012p.(Krishnadas Sanskrit series, 252).

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\*\*1. Hinduism-Sacred book 2. Garuda-Purana.I. Ed.Joshi, Mahesh Chandra II. Ed.Radhikaraman, Jyotirvida (tr.) III. Title IV. Series  
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136. Balayan, Yogendra

Yog Shiksha / by Gogendra Balayan. - New Delhi: Khel Sahitya Kendra, 2017.

139p.

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\*\*1. Religion-Yoga 2. Yoga-Study and teaching.I. Title  
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Swasthya aur yog / by Rajesh kumar. - New Delhi: Khel Sahitya Kendra Publishers, 2017.

249p.

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\*\*1. Health education 2. Yoga.I. Title  
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Swasthya shiksha, sharir rachna avam kriya vigyan / by Sunil Balayan. - New Delhi: Khel Sahitya Kendra, 2016.

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\*\*1. Health education 2. Human anatomy 3. Human physiology.I. Title  
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139. Jagtap, Jaywant Moreshwar

Khelkud ke niyam / by Jaywant Moreshwar Jagtap. - New Delhi: Lakshya Publications, 2017.

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\*\*1. Khel 2. Khel-Niyam 3. Physical education - Sports.I. Title  
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140. Peshiya gati vigyan tatha jaiv-yantriki vigyan / edited by Kailas Kautikrao Pawar. - New Delhi: Sports Publications, 2017.

240p.

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\*\*1. Biomechanics and Kinesiology 2. Physical exercise.I. Ed.Pawar,

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141. Rajesh Kumar

Sharirik fitness aur yog / by Rajesh Kumar. - New Delhi: Khel Sahitya Kendra, 2017.

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\*\*1. Physical fitness 2. Yoga- Physical education.I. Title

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142. Rajesh Kumar

Sharirik shiksha ke siddhant tatha mooladhar / by Rajesh kumar. - New delhi: Khel Sahitya Kendra, 2017.

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\*\*1. Physical exercise 2. sharirik shiksha 3. Physical education.I.

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Yog aur sharirik swachta ke aadhar / by Manju Suhag. - New Delhi: Sports Publications, 2017.

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\*\*1. Yoga-Physical exercises 2. Health-Personal hygiene.I. Title

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Gaban / By Premchand. - New Delhi: Prakashan Sansthan, 2014.

272p.

ISBN : 8186311955. : Rs. 300.00.

\*\*1. Hindi Literature-Novel.I. Title

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145. Premchand,

Godan / By Premchand. - New Delhi: Prakashan Sansthan, 2016.  
328p.  
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\*\*1. Hindi Literature-Novel.I. Title

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Karambhoomi / By Premchand. - New Delhi: Prakashan Sansthan, 2014.  
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\*\*1. Hindi literature-Novel.I. Title

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147. Rajkishor

Gandhi ki bhumi se / by Rajkishor. - New Delhi: Prakashan Sansthan,  
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ISBN : 9788177143249. : Rs. 300.00.

\*\*1. History 2. Hindi literature- Gandhi.I. Title

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Mangalsutra / by Premchand. - New Delhi: Prakashan Sansthan, 2012.  
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ISBN : 8177142305. : Rs. 100.00.

\*\*1. Hindi literature- Short stories.I. Title

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Soje vatan / By Premchand. - New Delhi: Prakashan Sansthan, 2011.  
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ISBN : 8177142186. : Rs. 100.00.

\*\*1. Hindi Literature-Short stories.I. Title

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Desh ke nirmata: Jeevani avam sansmaran / by Viswanath Sharma. - New  
Delhi: Prakashan Sansthan, 2004.

192p.

ISBN : 8177141554. : Rs. 250.00.

\*\*1. Hindi literature- History 2. Hindi literature- Biography.I.

Title

**H 821.214.21-94 SHA-D 171649****INSTRUMENT DESIGN AND DEVELOPMENT CENTRE****BU/IDDC**

151. Vukobratovich, Daniel

Fundamentals of optomechanics / by Daniel Vukobratovich and Paul  
Yoder. - Boca Raton: CRC Press, 2018.

xiii, 448p.(Optical sciences and application of light).

ISBN : 9781498770743. : Rs. 11481.25.

\*\*1. Optical instruments- Design and construction 2. Optomechanics.I.

Yoder, Paul II. Title III. Series

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152. Tidwell, Jenifer

Designing interfaces / by Jenifer Tidwell. - 2nd ed. - Mumbai:  
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xxv, 547p.

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\*\*1. User interfaces (Computer systems) 2. Graphical user interfaces

(Computer systems) 3. Human-computer interaction.I. Title

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153. Beautiful visualization: looking at data through the eyes of experts  
/ edited by Julie Steele and Noah Iliinsky. - Mumbai: O'Reilly/Shroff  
Publishers, 2012.

xvi, 366p.

ISBN : 9789350230510. : Rs. 600.00.

\*\*1. Information visualization 2. Computer graphics.I. Ed.Steele,

Julie II. Ed.Iliinsky, Noah III. Title

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Mobile design pattern gallery: UI patterns for smartphone apps / by Theresa Neil; foreworded by Jenifer Tidwell. - 2nd ed. - Mumbai: O'Reilly/Shroff Publishers, 2015.

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155. Bryson, John M.

Strategic planning for public and nonprofit organizations: a guide to strengthening and sustaining organizational achievement / by John M. Bryson. - 5th ed. - Hoboken: John Wiley, 2018.

xxx, 513p.

ISBN : 9781119071600. : Rs. 4367.48.

\*\*1. Strategic planning 2. Nonprofit organizations-Management 3. Public administration.I. Title

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156. Cooper, Donald R.

Business research methods / by Donald R. Cooper, Pamela S. Schindler and J.K. Sharma. - 11th ed.; 12th ed. - Chennai: McGraw Hill, 2012.

xxx, 950p. ; xvi, 866p.

ISBN : 9781259001857; 9789353161194. : Rs. 795.00 (Each Copy); Rs.825.00.

\*\*1. Industrial management-Research 2. business management-Research.I. Schindler, Pamela S. II. Sharma, J.K. III. Title

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Value of innovation: knowing, proving and showing the value of innovation and creativity: a step by step guide to impact and ROI measurement / by Jack J. Phillips and Patricia Pulliam Phillips. - Hoboken: John Wiley, 2018.

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158. Tenhunen, Sirpa

Village goes mobile: telephony, mediation, and social change in rural India / by Sirpa Tenhunen. - New Delhi: Oxford University Press, 2018.

ix, 200p.(Oxford studies in mobile communication).

ISBN : 9780190923143. : Rs. 495.00.

\*\*1. Cell phones-Social aspects-India 2. Cell phones-Economic aspects-India.I. Title II. Series

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Responsible business: making strategic decisions to benefit people, the planet and profits / by Annemieke Roobeek, Jacques de Swart and Myrthe van der Plas. - London: Kogan Page, 2018.

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\*\*1. Social responsibility of business 2. Social responsibility of business-Economic aspects.I. Swart, Jacques De II. Plas, Myrthe Van Der III. Title

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Introduction to quantitative methods in business: with application using microsoft office excel / by Bharat Kolluri, Michael J. Panik and Rao N. Singamsetti. - Hoboken: John Wiley, 2017.

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\*\*1. Management-Mathematical models 2. Microsoft excel (Computer file) 3. Business mathematics.I. Panik, Michael J. II. Singamsetti, Rao N. III. Title

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161. Bratton, John

Human resource management: theory and practice / by John Bratton and Jeff Gold. - 6th ed. - London: Palgrave, 2017.

xlviii, 660p.

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\*\*1. Human resources-Management 2. Personnel management.I. Gold, Jeff II. Title

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162. Kouzes, James M.

Leadership Challenge: how to make extraordinary things happen in organizations / by James M. Kouzes and Barry Z. Posner. - 6th ed. - New Delhi: John Wiley, 2017.

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\*\*1. Leadership 2. Management 3. Executive ability.I. Posner, Barry Z. II. Title

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163. Deroussi, Laurent

Metaheuristics for logistics / by Laurent Deroussi. - Hoboken: Wiley-ISTE, 2016.

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ISBN : 9781848218086. : Rs. 9513.98.

\*\*1. Business logistics-Data processing 2. Heuristic algorithms.I.

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Fundamentals of quality control and improvement / by Amitava Mitra. - 4th ed. - Hoboken: John Wiley, 2016.

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Integral logistics management: operations and supply chain management within and across companies / by Paul Schonsleben. - 5th ed. - Boca Raton: CRC Press, 2016.

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Sustainable operations and supply chain management / by Valeria Belvedere and Alberto Grando. - Hoboken: John Wiley, 2017. xii, 228p. (Wiley series in operations research and management science).

ISBN : 9781119284956. : Rs. 5988.98.

\*\*1. Business logistics 2. Sustainable development.I. Grando, Alberto II. Title III. Series

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167. Managing supply chain operations / by Lei Lei...(at. al.). - Singapore: World Scientific, 2017.

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\*\*1. Business logistics-Management 2. Supply chain management.I. Lei, Lei II. Title

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168. Silver, Edward A.

Inventory and production management in supply chains / by Edward A. Silver, David F. Pyke and Douglas J. Thomas. - 4th ed. - Boca Raton: CRC Press, 2017.

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\*\*1. Production planning-Decision making 2. Inventory control-Decision making.I. Pyke, David F. II. Thomas, Douglas J. III. Title

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Global strategic management / by Philippe Lasserre. - 4th ed. - London: Palgrave, 2018.

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170. Hill, Richard Michael

Introduction to number theory / by Richard Michael Hill. - New Jersey: World Scientific, 2018.

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\*\*1. Number theory 2. Algebraic number theory.I. Li, Hailong II.

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Principles of analysis: measure, integration, functional analysis, and applications / by Hugo D. Junghenn. - Boca Raton: CRC Press, 2018.

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Principles of analysis: measure, integration, functional analysis, and applications / by Hugo D. Junghenn. - Boca Raton: CRC Press, 2018.

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Functional analysis, spectral theory and applications / by Manfred  
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\*\*1. Functional analysis 2. Spectral theory (Mathematics).I. Ward,  
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Optimization and differentiation / by Simon Serovajsky. - Boca Raton:  
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\*\*1. Mathematical optimization 2. Control theory 3. Nonlinear  
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Combinatorics / by Nicholas A. Loehr. - 2nd ed. - Boca Raton: Chapman  
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xxiv, 618p.(Discrete mathematics and its applications).  
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\*\*1. Combinatorial analysis 2. Combinatorial enumeration problems.I.  
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177. Panik, Michael J.

Stochastic differential equations: an introduction with applications  
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180. Shih, Randy H.

Introduction to finite element analysis using SOLIDWORKS simulation  
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\*\*1. SolidWorks 2. Finite element method.I. Title

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181. Navidi, William

Statistics for engineers and scientists / by Navidi William. - 3rd  
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\*\*1. Linear models (Statistics) 2. Engineering-Statistical methods 3.  
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182. Montgomery, Douglas C.

Design and analysis of experiments / By Douglas C. Montgomery. - 8th  
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\*\*1. Experimental design 2. Statistics.I. Title

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Fluid dynamics: theory, computation and numerical simulation / by C. Pozrikidis. - 3rd ed. - New York: Springer, 2017.  
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Thermodynamics and an introduction to thermostatistics / By Herbert B. Callen. - 2nd ed. - New Delhi: Wiley India, 2005.  
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\*\*1. Physics 2. Cytology 3. Hydraulic engineering 4. Amorphous substances 5. Biomathematics.I. Ed.Spagnolie, Saverio E. II. Title III. Series  
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186. Explosion blast response of composites / edited by Adrian P. Mouritz and Yapa D.S. Rajapakse. - Cambridge: Elsevier, 2017.

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\*\*1. Vibration analysis.I. Title

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Corrosion science and technology / by David E.J. Talbot and James D.R. Talbot. - 3rd ed. - Boca Raton: CRC Press, 2018.  
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Design engineer's sourcebook / by Keith L. Richards. - Boca Raton: CRC Press, 2018.  
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\*\*1. Machine design- Handbook, manuals etc 2. Mechanical engineering-Handbook, manuals etc 3. Mechanical movements- Handbook, manuals etc.I. Title

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Jig and fixture design manual / by Erik K. Henriksen. - New York: Industrial Press, 1973.  
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\*\*1. Jigs and fixtures-Design and construction.I. Title

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Compact heat exchangers: analysis, design and optimization using FEM and CFD approach / by C. Ranganayakulu and K.N. Seetharamu. - Hoboken: John Wiley, 2018.  
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Mechanical vibration: analysis, uncertainties, and control / by Haym Benaroya, Mark Nagurka and Seon Han. - 4th ed. - Boca Raton: CRC Press, 2018.

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Combustion engine diagnosis: model- based condition monitoring of gasoline and diesel engines and their components / by Rolf Isermann. - Berlin: Springer, 2017.

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Bearings: basic concepts and design applications / by Maurice L. Adams. - Boca Raton: CRC Press, 2018.

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