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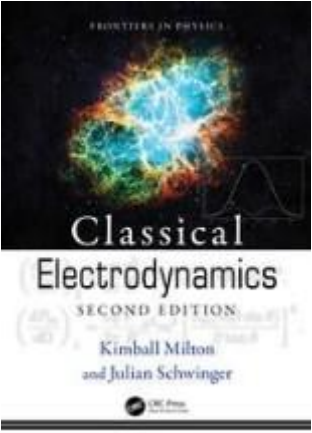
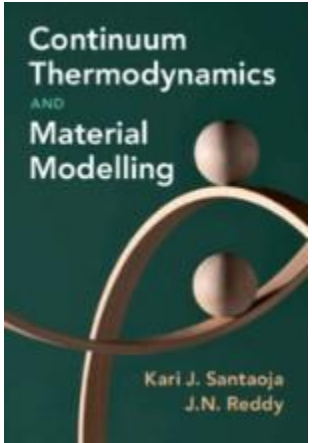

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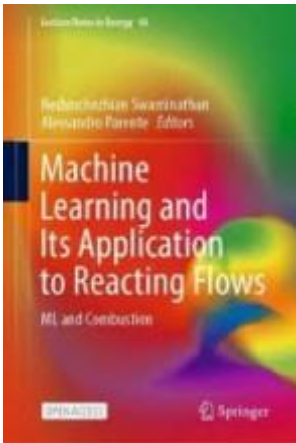
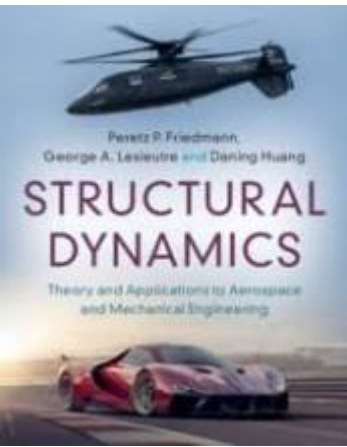
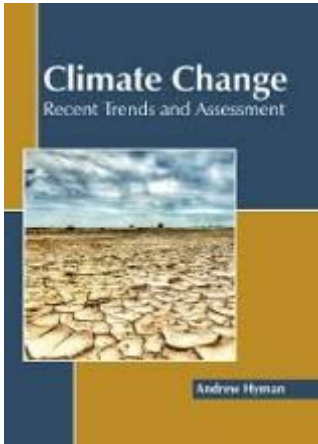
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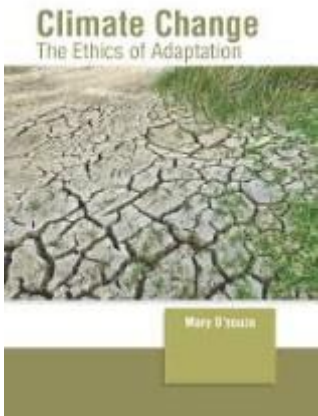
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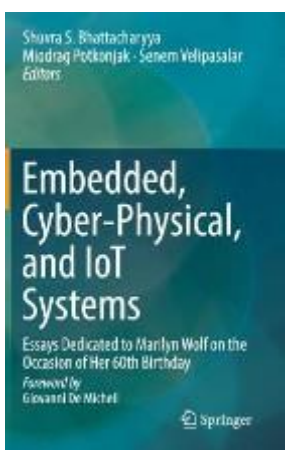
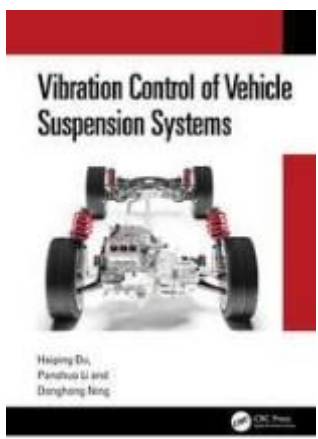
Applied Mechanics

1		<p>Classical electrodynamics by Kimball Milton and Julian Schwinger, 2nd ed., Boca Raton: CRC Press, 2024. xxii, 548 p., - Frontiers in physics. Includes bibliography and index (p. 531-548)</p> <p>ISBN: 9780367502072</p> <p>Subject Terms: Maxwell's equations; Macroscopic electrodynamics; Einsteinian relativity; Electrostatics; Magnetostatics</p> <p>537.8 MIL-C</p> <p>Barcode: 180545; CL</p> <p>Click here for more details.</p>
2		<p>Continuum thermodynamics and material modelling by Kari J. Santaoja and J. N. Reddy, Cambridge: Cambridge University Press, 2024. xix, 503 p. Includes index (p. 499-503)</p> <p>ISBN: 9781316517352</p> <p>Subject Terms: Stress; Solids; Strain; Mechanics; Tensors</p> <p>536.7:620.1 SAN-C</p> <p>Barcode: 180535; CL</p> <p>Click here for more details.</p>
3		<p>Fluid mechanics by Pijush K. Kundu... (et al.), 7th ed., London: Elsevier, 2025. xxi, 695 p. Includes index (p. 687-695)</p> <p>ISBN: 9780128198070</p> <p>Subject Terms: Cartesian tensor; Conservation laws; Kinematics; Computational fluid dynamics; Turbulence</p> <p>532 -FLU</p> <p>Barcode: 180486; CL</p> <p>Click here for more details.</p>
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4		<p>Machine learning and its application to reacting flows: ML and combustion edited by Nedunchezian Swaminathan and Alessandro Parente, Cham: Springer, 2023. xi, 346 p., - Lecture notes in energy. Includes index (p. 341-346)</p> <p>ISBN: 9783031162473</p> <p>Subject Terms: Detection; Modelling; Simulations; Combustion systems; Turbulence</p> <p>532.517.4:004.85 -MAC</p> <p>Barcode: 180544; CL</p> <p>Click here for more details.</p>
5		<p>Structural dynamics: theory and applications to aerospace and mechanical engineering by Peretz P. Friedmann, George A. Lesieutre and Daning Huang, Cambridge: Cambridge University Press, 2023. xx, 563 p., - Cambridge aerospace series. Includes index (p. 557-563)</p> <p>ISBN: 9781108842488</p> <p>Subject Terms: Aerospace engineering; Vibration control; Dynamic response; Thermal-fluids engineering; Solid mechanics and materials</p> <p>624.04 FRI-S</p> <p>Barcode: 180513; CL</p> <p>Click here for more details.</p>
<h2 style="color: #4F81BD;">Atmospheric Sciences</h2>		
6		<p>Climate change: recent trends and assessment edited by Andrew Hyman, New York: Callisto Reference, 2018. vi, 219 p. Include index (p. 218-219)</p> <p>ISBN: 9781632399335</p> <p>Subject Terms: Climatology; Climate risk assessment; Mitigation effect; Deforestation risk; Carbon capture</p> <p>551.583 -CLI</p> <p>Barcode: 180498; CL</p> <p>Click here for more details.</p>
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7		<p>Climate change: the ethics of adaptation edited by Mary D'souza, New York: States Academic Press, 2023. vi, 236 p. Includes index (p. 235-236)</p> <p>ISBN: 9781639896882</p> <p>Subject Terms: Greenhouse gas; Conservation; Agriculture; Geostatistics; Rural livelihood</p>
		551.583 -CLI
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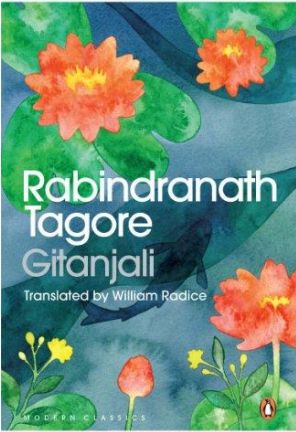
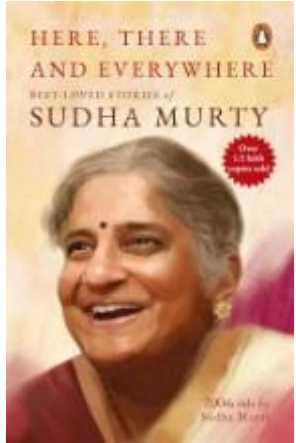
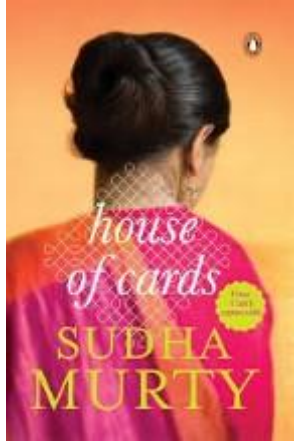
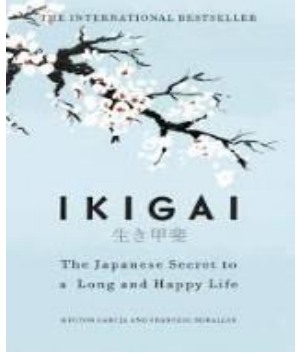
Automotive Research and Tribology


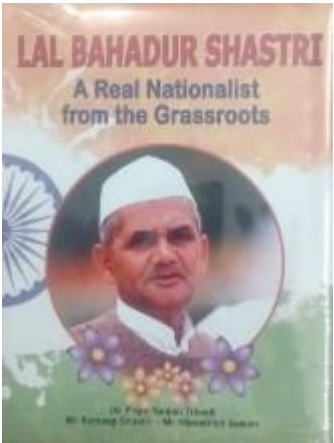
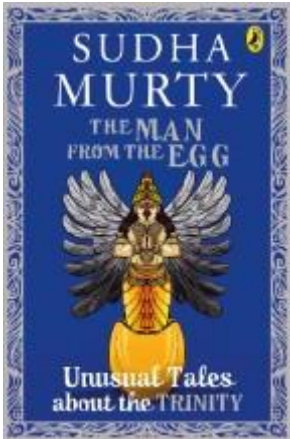
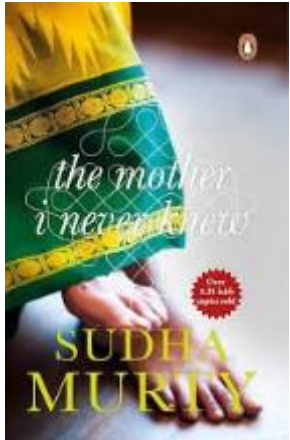
8		<p>Embedded, cyber-physical and IoT systems: essays dedicated to Marilyn Wolf on the occasion of her 60th birthday edited by Shuvra S. Bhattacharyya, Miodrag Potkonjak and Senem Velipasalar, Cham: Springer, 2020. xii, 308 p. Includes reference (p. 308)</p> <p>ISBN: 9783030169480</p> <p>Subject Terms: Embedded systems; Cyber-physical systems; Electronic design automation; Computer vision; Signal processing</p>
		681.3 -EMB
		Barcode: 180542; CL
		Click here for more details.
9		<p>Vibration control of vehicle suspension systems by Haiping Du, Panshuo Li and Donghong Ning, Boca Raton: CRC Press, 2024. x, 312 p. Includes index (p. 311-312)</p> <p>ISBN: 9781032208770</p> <p>Subject Terms: Active suspension control; Motion mode control; Engineering; Motor vehicles; Springs and suspension</p>
		629.3.027.3 DU-V
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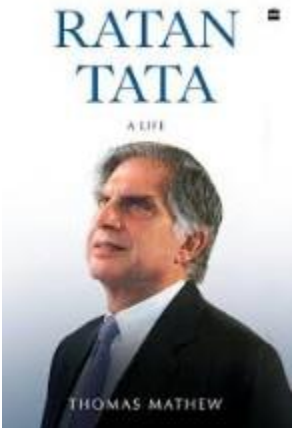
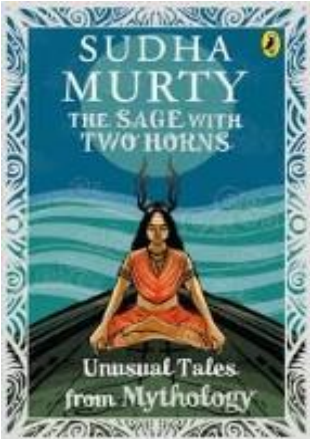
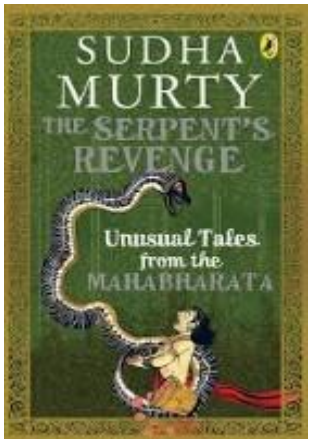
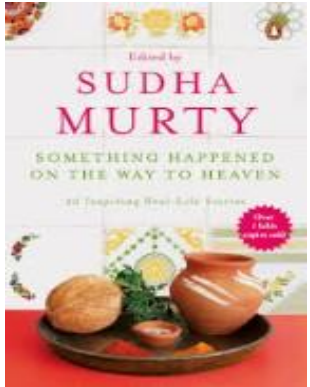
Biochemical Engineering and Biotechnology

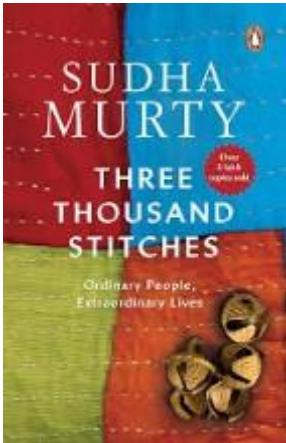
10		<p>Mathematical biophysics by Andrew Rubin and Galina Riznichenko, New York: Springer, 2014. xv, 273 p., - Biological and medical physics, biomedical engineering. Includes index (p. 269-273)</p> <p>ISBN: 9781461487012</p> <p>Subject Terms: Catalysis models; Oscillations; Biological systems; Kinetic model; Photosystem</p> <p>51:577.3 RUB-M</p> <p>Barcode: 180540-180541; CL; BEB</p> <p>Click here for more details.</p>
11		<p>Molecular modeling and simulation: an interdisciplinary guide by Tamar Schlick, 2nd ed., New York: Springer, 2010. xlv, 723 p., - Interdisciplinary applied mathematics. Includes index (p. 709-723)</p> <p>ISBN: 9781441963505</p> <p>Subject Terms: Crystallography; Nucleic acids; Dynamic simulations; Helices; Nutrigenomics</p> <p>577.2:004 SCH-M</p> <p>Barcode: 180497; CL</p> <p>Click here for more details.</p>
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12		<p>Art of making memories: how to create and remember happy moments by Meik Wiking, London: Penguin Random House, 2019. 288 p.</p> <p>ISBN: 9780241376058</p> <p>Subject Terms: Power; Attention; Happiness; Future; Happiness moments</p> <p>159.953 WIK-A</p> <p>Barcode: 180571; CL</p> <p>Click here for more details.</p>
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13		<p>Bird with the golden wings: stories of wit and magic by Sudha Murty, Gurugram: Penguin Books, 2016. 126 p.</p> <p>ISBN: 9780143334255</p> <p>Subject Terms: English fiction; Stories; Birds; Nature; Children literature</p> <p>82-32 MUR-B</p> <p>Barcode: 180470; CL</p> <p>Click here for more details.</p>
14		<p>Common yet uncommon: 14 memorable stories from daily life by Sudha Murty, Gurugram: Penguin Books, 2023. xi, 182 p.</p> <p>ISBN: 9780143464617</p> <p>Subject Terms: English stories; Everyday life; Extraordinary; Unveiling; Insight</p> <p>82-32 MUR-C</p> <p>Barcode: 180469; CL</p> <p>Click here for more details.</p>
15		<p>Father of the Indian nuclear programme Homi J. Bhabha: a complete biography by Prashant Kumar, New Delhi: Prabhat Prakashan, 2024. 180 p.</p> <p>ISBN: 9789355629432</p> <p>Subject Terms: Biography; Nuclear explosive; Nuclear power; Quantum; Weapons</p> <p>929BHA PRA-F</p> <p>Barcode: 180555; CL</p> <p>Click here for more details.</p>
16		<p>Getting India back on track: an action agenda for reform edited by Bibek Debroy, Ashley J. Tellis and Reece Trevor, Gurugram: Penguin Random House, 2019. xii, 333 p.</p> <p>ISBN: 9788184005691</p> <p>Subject Terms: Employment; Economics; Laws; Education; Policies</p> <p>338(540) -GET</p> <p>Barcode: 180553; CL</p> <p>Click here for more details.</p>

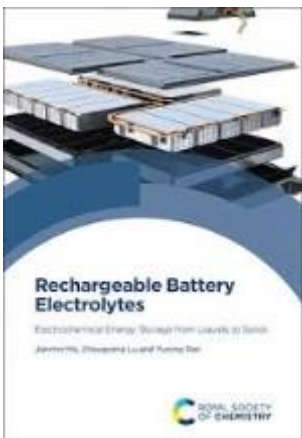
17		<p>Gitanjali: song offerings by Rabindranath Tagore, Gurugram: Penguin Random House, 2012. xxxvi, 257 p. Includes index (p. 246-257)</p> <p>ISBN: 9780143419563</p> <p>Subject Terms: Poems; Manuscript; Translation; Facsimiles; Songs</p> <p>82-145 TAG-G</p> <p>Barcode: 180554; CL</p> <p>Click here for more details.</p>
18		<p>Here, there and everywhere: best loved stories of Sudha Murty by Sudha Murty, Gurugram: Penguin Random House, 2018. xi, 243 p.</p> <p>ISBN: 9780143444343</p> <p>Subject Terms: Philanthropy; Love stories; English stories; Travel; Personal experience</p> <p>82-32 MUR-H</p> <p>Barcode: 180468; CL</p> <p>Click here for more details.</p>
19		<p>House of cards by Sudha Murty, Gurugram: Penguin Books, 2013. 232 p.</p> <p>ISBN: 9780143420361</p> <p>Subject Terms: English stories; Village; Reflections; English fiction; Enthusiasm</p> <p>82-31 MUR-H</p> <p>Barcode: 180528; CL</p> <p>Click here for more details.</p>
20		<p>Ikigai: the Japanese secret to a long and happy life by Hector Garcia and Francesc Miralles, London: Hutchinson, 2017. 194 p.</p> <p>ISBN: 9781786330895</p> <p>Subject Terms: Happiness; Live longer; Motivating; Wisdom; Life challenges overcome</p> <p>159.943.7 GAR-I</p> <p>Barcode: 180546; CL</p> <p>Click here for more details.</p>

21		<p>Lajja by Taslima Nasrin, Gurugram: Penguin Books, 2014. x, 325 p.</p> <p>ISBN: 9780143419211</p> <p>Subject Terms: Religion; Independence; Gender; Freedom; Society</p> <p>82-95 NAS-L</p> <p>Barcode: 180547; CL</p> <p>Click here for more details.</p>
22		<p>Lal Bahadur Shastri: a real nationalist from the grassroots by Priya Ranjan Trivedi, Sameep Shastri and Himadrih Suwan, New Delhi: Jnanada Prakashan, 2021. 256 p.</p> <p>ISBN: 9788171399796</p> <p>Subject Terms: Leadership; Nationalism; Governance and leadership; Economic reforms; Freedom fighter</p> <p>929SHA TRI-L</p> <p>Barcode: 180529; CL</p> <p>Click here for more details.</p>
23		<p>Man from the Egg: the unusual tales about the trinity by Sudha Murty, Gurugram: puffin books, 2017. x, 169 p.</p> <p>ISBN: 9780143427865</p> <p>Subject Terms: English story; Worship; Celestial; Tales; English fiction</p> <p>82-97 MUR-M</p> <p>Barcode: 180530; CL</p> <p>Click here for more details.</p>
24		<p>Mother I never knew: two novellas by Sudha Murty, Gurugram: Penguin Books, 2014. 207 p.</p> <p>ISBN: 9780143422259</p> <p>Subject Terms: English fiction; Life; Past; Debt; Journey</p> <p>82-32 MUR-M</p> <p>Barcode: 180531; CL</p> <p>Click here for more details.</p>
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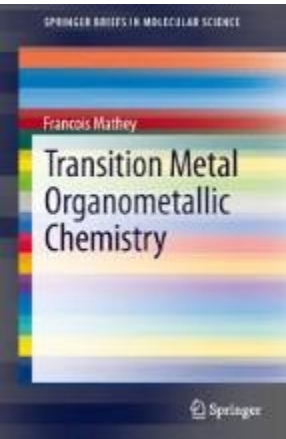
25		<p>Ratan Tata: a life by Thomas Mathew, Gurugram: HarperCollins Publishers, 2024. xv, 671 p.</p> <p>ISBN: 9789356295698</p> <p>Subject Terms: Biography; Overcoming challenges; Industrial landscape; Inspirational personality; Global acquisitions</p> <p>929TAT MAT-R</p> <p>Barcode: 180471; CL</p> <p>Click here for more details.</p>
26		<p>Sage with two horns: unusual tales from mythology by Sudha Murty, Gurugram: Puffin Books, 2021. x, 203 p.</p> <p>ISBN: 9780143442325</p> <p>Subject Terms: Mythology; Sages; God; English fiction; Stories</p> <p>82-97 MUR-S</p> <p>Barcode: 180532; CL</p> <p>Click here for more details.</p>
27		<p>Serpent's revenge: unusual tales from the Mahabharata by Sudha Murty, Gurugram: Puffin Books, 2016. 182 p.</p> <p>ISBN: 9780143427858</p> <p>Subject Terms: War; English stories; Tales; Mythology; Adventure</p> <p>82-97 MUR-S</p> <p>Barcode: 180533; CL</p> <p>Click here for more details.</p>
28		<p>Something happened on the way to heaven: 20 inspiring real life stories edited by Sudha Murty, Gurugram: Penguin Books, 2014. xi, 201 p.</p> <p>ISBN: 9780143423928</p> <p>Subject Terms: English fiction; English stories; Grandparents; Life; Journey</p> <p>82-32 -SOM</p> <p>Barcode: 180534; CL</p> <p>Click here for more details.</p>

29		<p>Three thousand stitches: ordinary people, extraordinary lives by Sudha Murty, Gurugram: Penguin Books, 2017. 179 p.</p> <p>ISBN: 9780143440055</p> <p>Subject Terms: Courage; English fiction; Family life; Travel encounters; Human nature</p>
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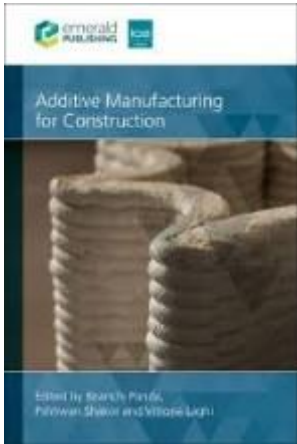
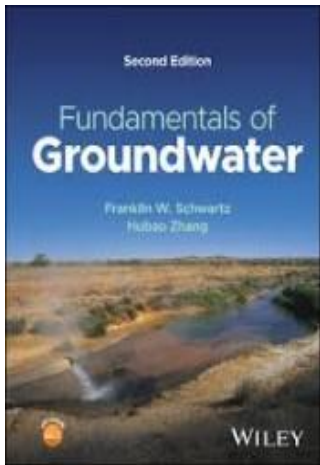

Chemical Engineering

30		<p>Rechargeable battery electrolytes: electrochemical energy storage from liquids to solids by Jianmin Ma, Zhouguang Lu and Yurong Ren, London: Royal Society of Chemistry, 2024. xii, 333 p. Includes index (p. 329-333)</p> <p>ISBN: 9781839167379</p> <p>Subject Terms: Electrolytes; Lithium ion batteries; Alkaline acidic electrolytes; Anti perovskites; Polymer electrolytes</p>
		621.352.1 MA-R
		Barcode: 180527; CL
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Chemistry

31		<p>Transition metal organometallic chemistry by Francois Mathey, Singapore: Springer, 2013. ix, 100 p., - Springer briefs in molecular science. Includes index (p. 97-100)</p> <p>ISBN: 9789814451086</p> <p>Subject Terms: Molecular orbitals; Organometallic derivatives; Carbonyls; Catalysis; Hydrogenation</p>
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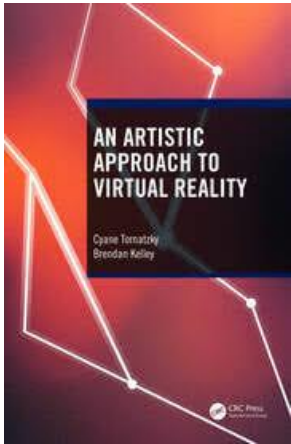


Civil Engineering


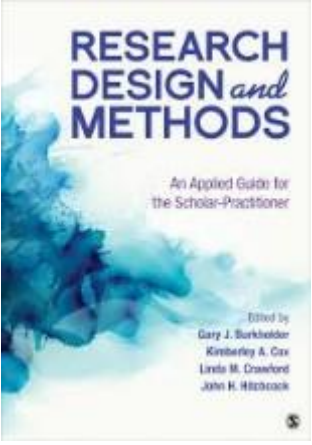


32		<p>Additive manufacturing for construction edited by Biranchi Panda, Pshtiwan Shakor and Vittoria Laghi, Leeds: Emerald Publishing, 2024. xv, 240 p. Includes index (p. 231-240)</p> <p>ISBN: 9780727766410</p> <p>Subject Terms: Shotcrete printing; Additive manufacturing; Digital Revolution; Industrial perspectives; Topology optimization</p> <p>69:681.6 -ADD</p> <p>Barcode: 180467; CL</p> <p>Click here for more details.</p>
33		<p>Fundamentals of groundwater by Franklin W. Schwartz and Hubao Zhang, 2nd ed., New Jersey: Wiley, 2024. xvii, 494 p. Includes index (p. 481-494)</p> <p>ISBN: 9781119820130</p> <p>Subject Terms: Aquifers; Equilibrium; Geologic investigation; Hydrogeologic investigation; Hydraulic conductivity</p> <p>556.3 SCH-F</p> <p>Barcode: 180473; CL</p> <p>Click here for more details.</p>
34		<p>Seismic design of reinforced concrete buildings by Jack Moehle, New York: McGraw Hill, 2015. xxii, 760 p. Includes index (p. 745-760)</p> <p>ISBN: 9780071839440</p> <p>Subject Terms: Steel reinforcement; Seismic design; Development and anchorage; Concrete construction; Engineering and applied sciences</p> <p>624.012.45:624.159.1 MOE-S</p> <p>Barcode: 180572; CL</p> <p>Click here for more details.</p>

Computer Science and Engineering

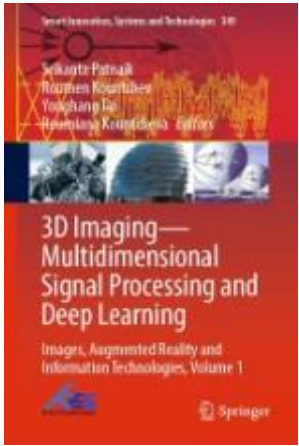
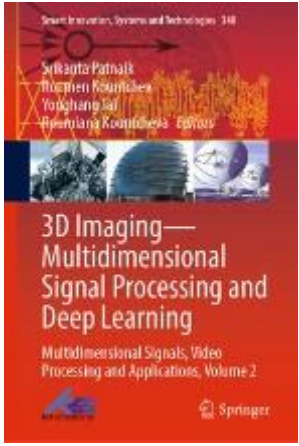
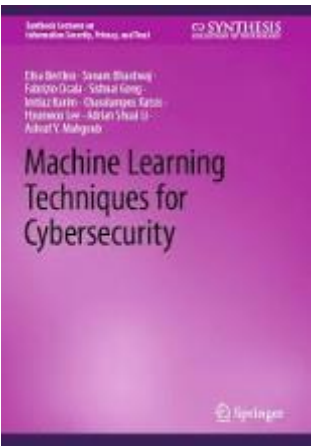
35		<p>Design for embedded image processing on FPGAs by Donald G. Bailey, 2nd ed., Hoboken: Wiley, 2024. xviii, 474 p. Includes index (p. 465-474)</p> <p>ISBN: 9781119819790</p> <p>Subject Terms: FPGA architecture; Digital signal processing; Object detection; Histogram operations; Embedded computer systems</p> <p>621.38:004.932 BAI-D</p> <p>Barcode: 180518; CL</p> <p>Click here for more details.</p>
36		<p>Introduction to quantum algorithms via linear algebra by Richard J. Lipton and Kenneth W. Regan, 2nd ed., Cambridge: MIT Press, 2021. xvi, 262 p.</p> <p>ISBN: 9780262045254</p> <p>Subject Terms: Algebra; Quantum algorithm; Boolean Function; Integers; Factoring</p> <p>510.5:512.64 LIP-I</p> <p>Barcode: 180506-180507; CL; CSE</p> <p>Click here for more details.</p>
37		<p>Scientific computing: an introductory survey by Michael T. Heath, 2nd ed., Chennai: McGraw Hill, 2019. xii, 563 p. Includes index (p. 549-563)</p> <p>ISBN: 9781259002281</p> <p>Subject Terms: Nonlinear equations; Optimization; Scientific calculations; Eigenvalue equations; Integration</p> <p>51-3:004 HEA-S</p> <p>Barcode: 180522-180523; CL; CSE</p> <p>Click here for more details.</p>

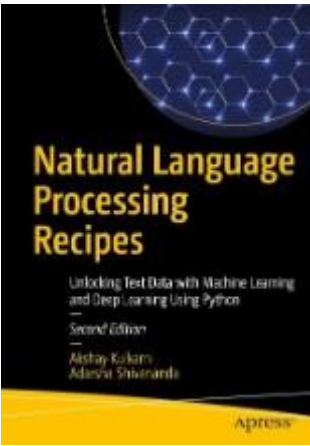
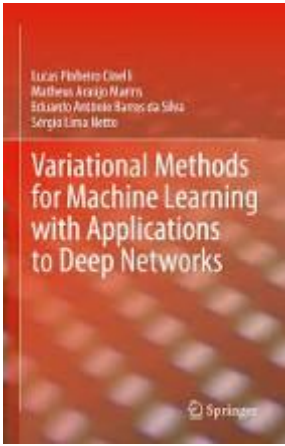
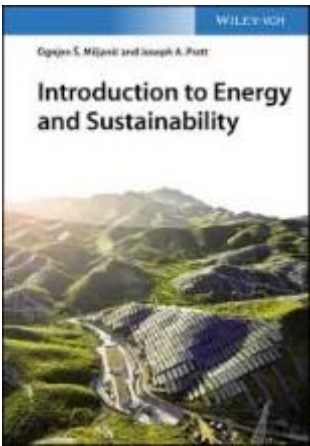
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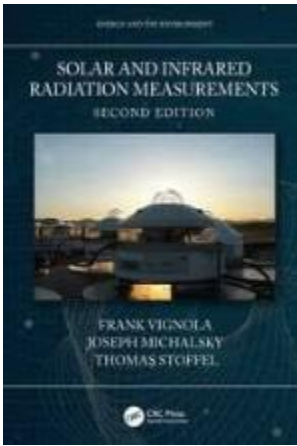
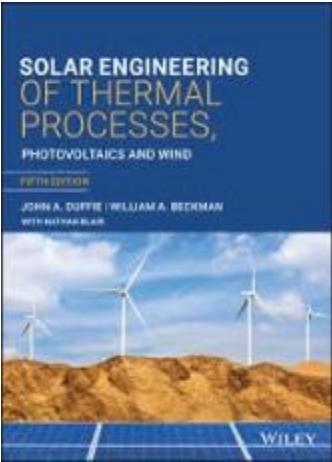
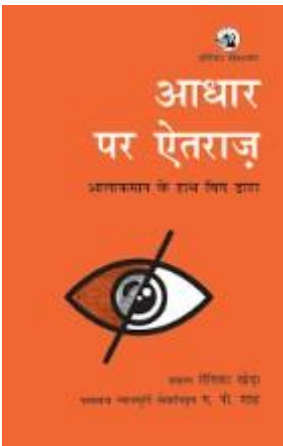
38		<p>Artistic approach to virtual reality by Cyane Tornatzky and Brendan Kelley, Boca Raton: CRC Press, 2024. xvi, 207 p. Includes index (p. 199-207)</p> <p>ISBN: 9781032420127</p> <p>Subject Terms: Information visualization; Virtual reality; Visual analytics; Immersive art; Technological creativity</p> <p>76:004.5 TOR-A</p> <p>Barcode: 180539; CL</p> <p>Click here for more details.</p>
39		<p>Designer's research manual: succeed in design by knowing your clients and understanding what they really need by Jenn Visocky O'Grady and Ken Visocky O'Grady, 2nd ed., Beverly: Rockport Publishers, 2017. 208 p. Includes bibliography and index (p. 201-208)</p> <p>ISBN: 9781631592621</p> <p>Subject Terms: Ethnographic research; Anthropology research; Design and designers; Analytics; Demographics</p> <p>RL-HB 74:001.891(021) VIS-D</p> <p>Barcode: 180500; CL</p> <p>Click here for more details.</p>
40		<p>Ontology of design research by Miguel Angel Herrera Batista, New York: Routledge, 2021. xvi, 161 p., - Routledge research in design studies. Includes reference and index (p. 148-161)</p> <p>ISBN: 9780367623821</p> <p>Subject Terms: Academic research; Ontological reality; Postmodernism; Mixed research methods; Product design</p> <p>74:111.1 BAT-O</p> <p>Barcode: 180501; CL</p> <p>Click here for more details.</p>
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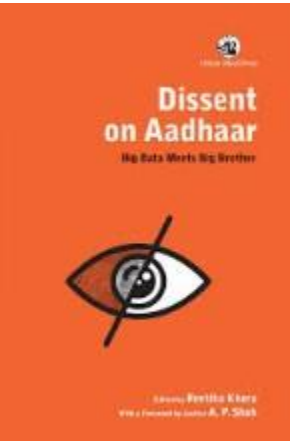


41		<p>Practical guide to level design: from theory to practice, diplomacy and production by Ben Bauer, Boca Raton: CRC Press, 2023. xxv, 348 p. Includes index (p. 343-348)</p> <p>ISBN: 9781032230894</p> <p>Subject Terms: Social skills; Designer; Teamwork; Empathy; Diplomacy</p> <p>74:794 BAU-P</p> <p>Barcode: 180538; CL</p> <p>Click here for more details.</p>
42		<p>Research design and methods: an applied guide for the scholar-practitioner edited by Gary J. Burkholder... (et al.), California: Sage Publications, 2020. xxxi, 362 p. Includes index (p. 347-362)</p> <p>ISBN: 9781544342382</p> <p>Subject Terms: Quantitative research; Approaches; Phenomenology; Survey research; Case study</p> <p>001.891 -RES</p> <p>Barcode: 180490; CL</p> <p>Click here for more details.</p>
43		<p>Universal methods of design: 125 ways to research complex problems, develop innovative ideas, and design effective solutions by Bruce Hanington and Bella Martin, Beverly: Rockport Publishers, 2019. 263 p. Includes index (p. 260-263)</p> <p>ISBN: 9781631597480</p> <p>Subject Terms: Graphic arts; Industrial design; Mind mapping; Critical incident technique; Data visualization</p> <p>741.02 HAN-U</p> <p>Barcode: 180502; CL</p>
44		<p>Universal principles of branding: 100 key concepts of defining, building and delivering brands by Mark Kingsley, Beverly: Rockport Publishers, 2023. 216 p. Includes index (p. 212-216)</p> <p>ISBN: 9780760378205</p> <p>Subject Terms: Anthropology; Ethnography; Semantic infiltration; Management; Nostalgia</p> <p>658.8 KIN-U</p> <p>Barcode: 180503; CL</p> <p>Click here for more details.</p>

Electrical Engineering

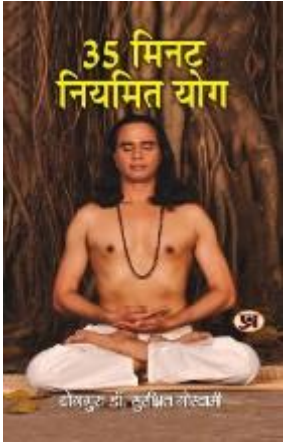
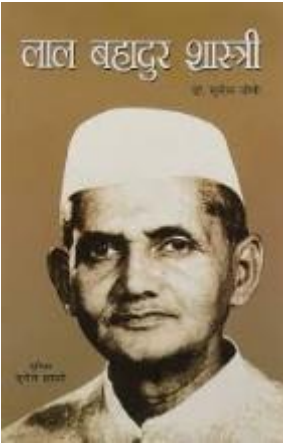
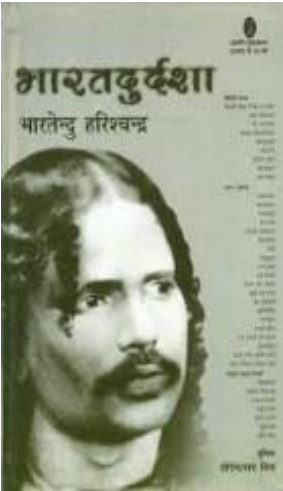
45		<p>3D imaging - multidimensional signal processing and deep learning: Images, augmented reality and information technologies edited by Srikanta Patnaik... (et al.), Singapore: Springer, 2023. xii, 302 p., - Smart innovation, systems and technologies ; 349. Vol. 1. Includes index (p. 301-302)</p> <p>ISBN: 9789819912292</p> <p>Subject Terms: Hybrid storage; Algorithm; Simulation; Fusion; Electric distribution</p> <p>621.391:004.85 -IMA</p> <p>Barcode: 180509; CL</p> <p>Click here for more details.</p>
46		<p>3D imaging - multidimensional signal processing and deep learning: multidimensional signals, video processing and applications edited by Srikanta Patnaik... (et al.), Singapore: Springer, 2023. xiii, 280 p., - Smart innovation, systems and technologies ; 348. Vol. 2. Includes index (p. 279-280)</p> <p>ISBN: 9789819911448</p> <p>Subject Terms: Energy; Power grid; Battery; Architecture; Temperature</p> <p>621.391:004.85 -IMA</p> <p>Barcode: 180510; CL</p> <p>Click here for more details.</p>
47		<p>Machine learning techniques for cybersecurity by Elisa Bertino... (et al.), Cham: Springer, 2023. xii, 165 p., - Synthesis lectures on information security, privacy and trust.</p> <p>ISBN: 9783031282584</p> <p>Subject Terms: Information technology awareness; Anomaly detection; Intrusion detection; Software security analysis; Attack management</p> <p>681.3 -MAC</p> <p>Barcode: 180511; CL</p> <p>Click here for more details.</p>
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48		<p>Natural language processing recipes: unlocking text data with machine learning and deep learning using python by Akshay Kulkarni and Adarsha Shivananda, 2nd ed., New York: Apress, 2021. xxvi, 283 p. Includes index (p. 277-283)</p> <p>ISBN: 9781484273500</p> <p>Subject Terms: Deep learning; Computational linguistics; Text classification; AI chatbots; Model quantization</p> <p>81'322.2:004.85P KUL-N</p> <p>Barcode: 180512; CL</p> <p>Click here for more details.</p>
49		<p>Variational methods for machine learning with applications to deep networks by Lucas Pinheiro Cinelli... (et al.), Cham: Springer, 2021. xiv, 165 p. Includes index (p. 163-165)</p> <p>ISBN: 9783030706784</p> <p>Subject Terms: Artificial intelligence; Deep neural networks; Approximate inference; Expectation propagation; Computer vision</p> <p>681.3 -VAR</p> <p>Barcode: 180508; CL</p> <p>Click here for more details.</p>
<h2 style="color: #4F81BD;">Energy Science and Engineering</h2>		
50		<p>Introduction to energy and sustainability by Ognjen S. Miljanic and Joseph A. Pratt, Weinheim: Wiley, 2022. xix, 582 p. Includes index (p. 563-582)</p> <p>ISBN: 9783527345403</p> <p>Subject Terms: Transportation; Agriculture; Hydroelectric power; Buildings; Energy consumption</p> <p>620.9:502.131.1 MIL-I</p> <p>Barcode: 180520; CL</p> <p>Click here for more details.</p>
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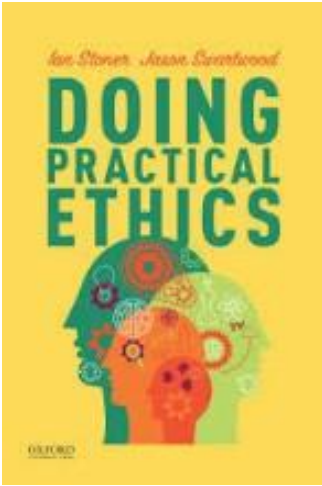
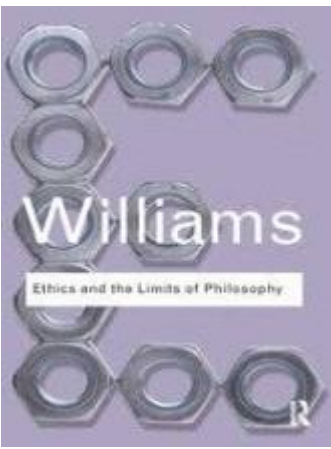
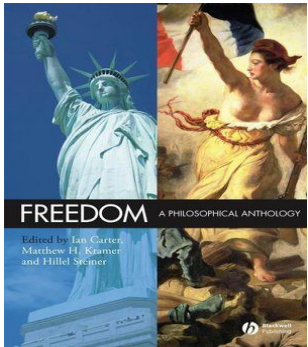
51		<p>Solar and infrared radiation measurements by Frank Vignola, Joseph Michalsky and Thomas Stoffel, 2nd ed., Boca Raton: CRC Press, 2020. xxii, 493 p., - Energy and the environment. Includes index (p. 485-493)</p> <p>ISBN: 9781138096295</p> <p>Subject Terms: Infrared radiation measurement; Diffusion; Irradiance; Radiometers; Solar radiation measurement</p> <p>551.508.2 VIG-S</p> <p>Barcode: 180519; CES</p> <p>Click here for more details.</p>
52		<p>Solar engineering of thermal processes, photovoltaics and wind by John A . Duffie, William A. Beckman and Nathan Blair, 5th ed., New Jersey: Wiley, 2020. xxi, 905 p. Includes index (p. 885-905)</p> <p>ISBN: 9781119540281</p> <p>Subject Terms: Energy storage; Solar air conditioning; Shading; Liquid heater; Solar radiation</p> <p>662.997 DUF-S</p> <p>Barcode: 180521; CL</p> <p>Click here for more details.</p>
<h2 style="color: #4F81BD;">Gratis</h2>		
53		<p>Aadhaar per aitraaz (आधार पर ऐतराज़): aalakaman ke haath big data (आलाकमान के हाथ बिग डाटा) edited by Reetika Khera, Hyderabad: Orient Blackswan, 2019. xviii, 257 p.</p> <p>ISBN: 9789352876341</p> <p>Subject Terms: Public policy; Law; Political science; Biometrics; Socialization</p> <p>H 57.087.1(088.22) -KHE</p> <p>Barcode: G24070; CL</p> <p>Click here for more details.</p>
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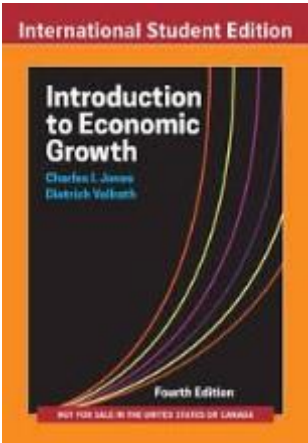
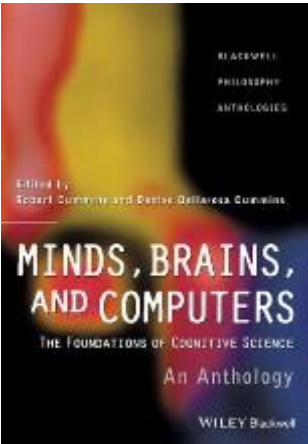
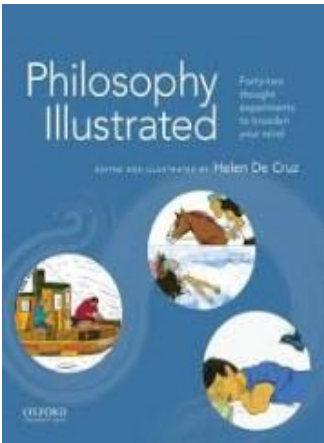
54		<p>Aadhaar se kiska uddhar ? (आधार से किसका उद्धार ?) edited by Reetika Khera, New Delhi: Rajkamal Prakashan, 2019. 128 p.</p> <p>ISBN: 9789388933506</p> <p>Subject Terms: Political science; Biometrics; Law; Public policy; Economics</p> <p>H 57.087.1(088.22) -KHE</p> <p>Barcode: G24069; CL</p> <p>Click here for more details.</p>
55		<p>Dissent on Aadhaar: big data meets big brother edited by Reetika Khera, Hyderabad: Orient Blackswan, 2019. xx, 268 p.</p> <p>ISBN: 9789352875429</p> <p>Subject Terms: Public policy; Law; Political science; Biometrics; Socialization</p> <p>57.087.1(088.22) -KHE</p> <p>Barcode: G24071; CL</p> <p>Click here for more details.</p>
56		<p>Everest ki dusri ore (एवरेस्ट की दूसरी ओर) by Ravindra Kumar and Anirudh Rawat, Noida: BlueOne Ink, 2025. x, 225 p.</p> <p>ISBN: 9789365473681</p> <p>Subject Terms: Adventure journey; Mountain climbing stories; Risk and reward; Physical and mental strength; Overcoming fears</p> <p>H 82-36 RAV-E</p> <p>Barcode: G24068; CL</p> <p>Click here for more details.</p>
57		<p>Hunters and the holy man: a saga of the Bedagampana tribe by Tejasvi Venkappa Kattimani, Chennai: Peter Lang, 2024. vii, 95 p. Includes bibliography and index (p. 91-95)</p> <p>ISBN: 9781803748795</p> <p>Subject Terms: Bedagampana tribe; Tribal culture; Historical fiction; Cultural heritage; Indian tribes</p> <p>330.342.11 KAT-H</p> <p>Barcode: G24067; CL</p> <p>Click here for more details.</p>

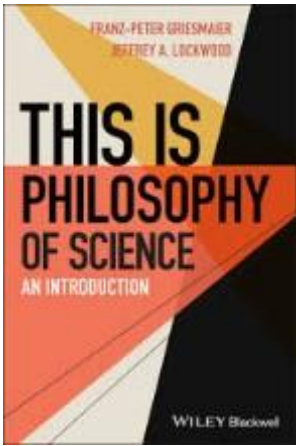
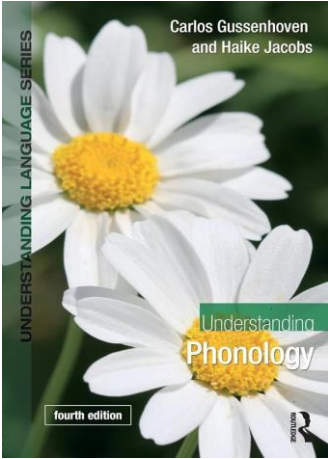
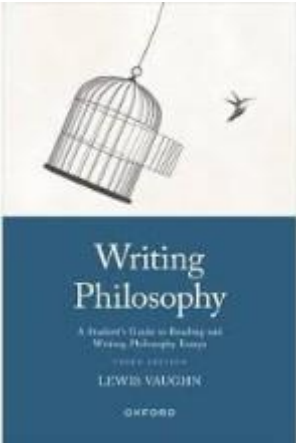
Hindi Cell

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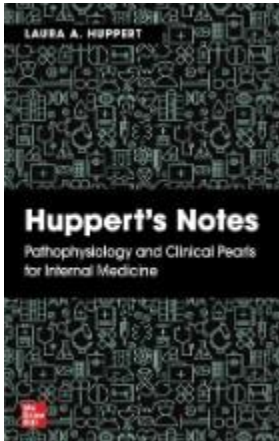
61		<p>Gandhi (गांधी): asprishyata ka virodh, Bharat chhodo aandolan aur antim kshan 1931-48 (अस्पृश्यता का विरोध, भारत छोड़ो आंदोलन और अंतिम क्षण 1931-48) by Ramchandra Guha, Gurugram: Penguin Random House, 2024. 581 p.</p> <p>ISBN: 9780143447658</p> <p>Subject Terms: Sacrifice; Indian independence; Quit India movement; India's partition; Mourning and fasting</p> <p>H 929GAN GUH-G</p> <p>Barcode: H343; CL</p> <p>Click here for more details.</p>
62		<p>Raghuvamsam (रघुवंशम्): Mahakavi Kalidasvirchitan (महाकवि कालिदासविरचितं) by Shrikrishnamani Tripathi, Varanasi: Chaukhamba Surbharati Prakashan, 2023. 672 p., - Chaukhamba subharti granthamala.</p> <p>ISBN: 9789383721443</p> <p>Subject Terms: Religious book; Religious text; Hinduism; Sacred text; Religious history</p> <p>H 82-13 TRI-R</p> <p>Barcode: H346; CL</p> <p>Click here for more details.</p>
<h2 style="color: #4F81BD;">Humanities & Social Sciences</h2>		
63		<p>Analysis and metaphysics: an introduction to philosophy by P. F. Strawson, New York: Oxford University Press, 2006. 144 p. Includes index (p. 143-144)</p> <p>ISBN: 9780198751182</p> <p>Subject Terms: Logic; Epistemology; Ontology; Semantics; Philosophy</p> <p>111 STR-A</p> <p>Barcode: 180514; CL</p> <p>Click here for more details.</p>
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65		<p>Doing practical ethics: a skill based approach to moral reasoning by Ian Stoner and Jason Swartwood, New York: Oxford University Press, 2022. x, 244 p. Includes index (p. 236-244)</p> <p>ISBN: 9780190078447</p> <p>Subject Terms: Moral ethics; Inferences; Analogy; Brainstorming; Biodiversity</p> <p>17.022 STO-D</p> <p>Barcode: 180456; CL</p> <p>Click here for more details.</p>
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67		<p>Freedom: a philosophical anthology edited by Ian Carter, Matthew H. Kramer and Hillel Steiner, Malden: Blackwell Publishing, 2012. xxi, 505 p. Includes index (p. 494-505)</p> <p>ISBN: 9781405145046</p> <p>Subject Terms: Freedom and morality; Autonomy; Positive freedom; Economic inequality; Justice and liberty</p> <p>123.1 -FRE</p> <p>Barcode: 180515; CL</p> <p>Click here for more details.</p>

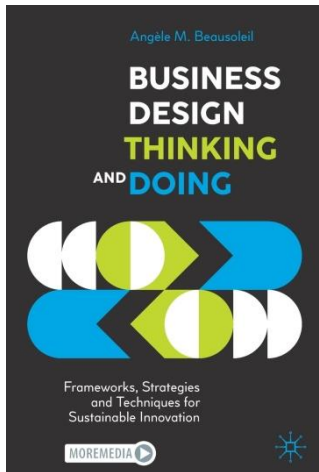

68		<p>Introduction to economic growth by Charles I. Jones and Dietrich Vollrath, 4th ed., New York: W. W. Norton & Company, 2024. xiv, 312 p. Includes bibliography and index (p. 292-312)</p> <p>ISBN: 9781324063704</p> <p>Subject Terms: GDP per capita; Per capita income; Accounting; Human capital; Population</p> <p>330.35 JON-I</p> <p>Barcode: 180525-180526; CL; HSS</p> <p>Click here for more details.</p>
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70		<p>Philosophy illustrated: forty-two thought experiments to broaden your mind edited by Helen De Cruz, New York: Oxford University Press, 2022. xi, 196 p.</p> <p>ISBN: 9780190080532</p> <p>Subject Terms: Philosophy of mind; Epistemology; Decision theory; Philosophy and life; Philosophical relations</p> <p>101 -PHI</p> <p>Barcode: 180457; CL</p> <p>Click here for more details.</p>
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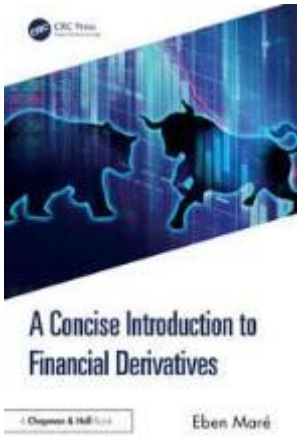
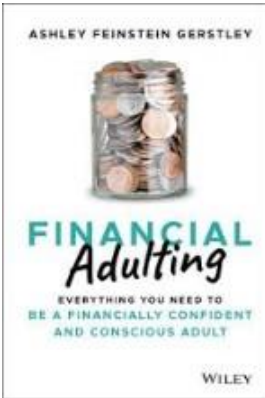
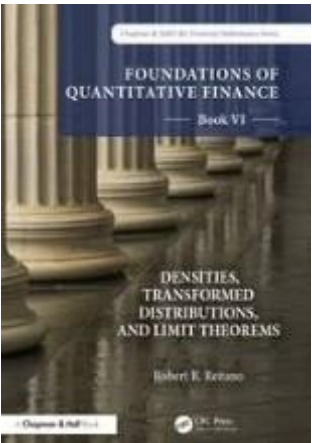
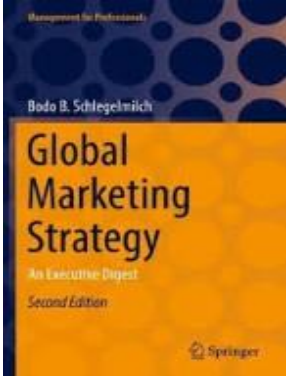
71		<p>This is philosophy of science: an introduction by Franz-Peter Griesmaier and Jeffrey A. Lockwood, New Jersey: Wiley Blackwell, 2022. x, 291 p., - This is philosophy. Includes Index p. (288-291)</p> <p>ISBN: 9781119757993</p> <p>Subject Terms: Philosophy; Human knowledge; Layer cake model; Rationality; Evidence</p> <p>5:101.1 GRI-T</p> <p>Barcode: 180573; CL</p> <p>Click here for more details.</p>
72		<p>Understanding phonology by Carlos Gussenhoven and Haike Jacobs, 4th ed., Oxon: Routledge, 2017. vii, 287 p., - Understanding language. Includes reference and index (p. 259-287)</p> <p>ISBN: 9781138961425</p> <p>Subject Terms: Language arts and disciplines; Linguistics; Phonetics and phonics; Comparative and general grammar; Optimality theory</p> <p>81'344 GUS-P</p> <p>Barcode: 180549; CL</p> <p>Click here for more details.</p>
73		<p>Writing philosophy: a student's guide to reading and writing philosophy essays by Lewis Vaughn, 3rd ed., New York: Oxford University Press, 2024. xiii, 178 p. Includes index (p. 173-178)</p> <p>ISBN: 9780197751916</p> <p>Subject Terms: Paraphrasing; Summarizing of writings; Fallacies; Reasoning; Essay writing</p> <p>101.1 VAU-W</p> <p>Barcode: 180550-180551; CL; BEB</p> <p>Click here for more details.</p>

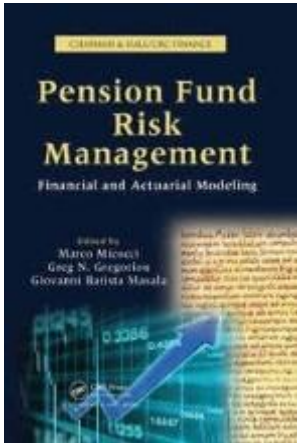
IIT Hospital

74		<p>Huppert's notes: pathophysiology and clinical pearls for internal medicine by Laura A. Huppert, New York: McGraw Hill, 2021. xiii, 450 p. Includes index (p. 429-450)</p>
		<p>ISBN: 9781260470079</p>
		<p>Subject Terms: Endocrinology; Psychiatry; Rheumatology; Nephrology; Pulmonology</p>
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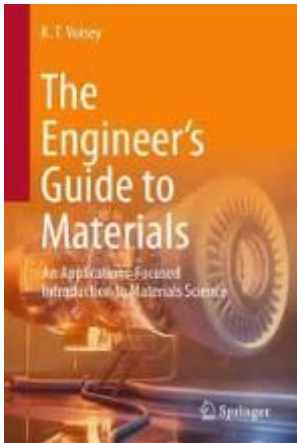
Management Studies

75		<p>Business design thinking and doing: frameworks, strategies and techniques for sustainable innovation by Angele M. Beausoleil, Cham: Palgrave Macmillan, 2022. xix, 221 p. Includes index (p. 197-221)</p>
		<p>ISBN: 9783030864880</p>
		<p>Subject Terms: Design thinking; Business design; Sustainable innovation; Need finding; Strategic design</p>
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		<p>Barcode: 180563; DMS</p>
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76		<p>Business strategy with Hoshin Kanri by Carine Vinardi, Cham: Springer, 2023. xi, 123 p., - Springerbriefs in applied sciences and technology.</p>
		<p>ISBN: 9783031209628</p>
		<p>Subject Terms: Strategy deployment approaches; Business and corporate strategy; Leadership with sense; Performance management; Progress and sustainability</p>
		<p>658:005.511 VIN-B</p>
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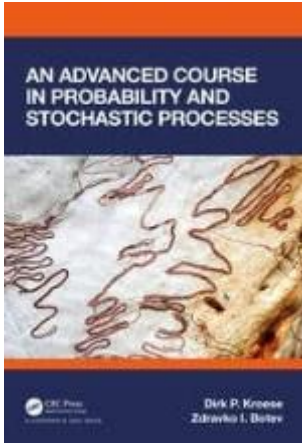
77		<p>Concise introduction to financial derivatives by Eben Mare, Boca Raton: CRC Press, 2025. xix, 198 p. Includes index (p. 195-198)</p> <p>ISBN: 9781032630854</p> <p>Subject Terms: Currency; Exchanges; Commodity; Rates; Bonds</p> <p>336.7 MAR-C</p> <p>Barcode: 180565; CL</p> <p>Click here for more details.</p>
78		<p>Financial adulting: everything you need to be a financially confident and conscious adult by Ashley Feinstein Gerstley, New Jersey: Wiley, 2022. xii, 308 p. Includes index (p. 297-308)</p> <p>ISBN: 9781119817307</p> <p>Subject Terms: Credit score; Activism; Outflows; Tax; Estate</p> <p>658.15 GER-F</p> <p>Barcode: 180566; CL</p> <p>Click here for more details.</p>
79		<p>Foundations of quantitative finance: book VI: densities, transformed distributions and limit theorems by Robert R. Reitano, Boca Raton: CRC Press, 2025. xviii, 386 p., - Chapman and Hall/ CRC financial mathematics series. Includes index (p. 381-386)</p> <p>ISBN: 9781032229492</p> <p>Subject Terms: Vectors; Density; Probability; Binomial motions; Variables</p> <p>658.14/.17 REI-F</p> <p>Barcode: 180567; CL</p> <p>Click here for more details.</p>
80		<p>Global marketing strategy: an executive digest by Bodo B. Schlegelmilch, 2nd ed., Cham: Springer, 2022. xxxvii, 416 p., - Management for professionals.</p> <p>ISBN: 9783030906672</p> <p>Subject Terms: Culture and values; Emerging markets; Market development; Global marketing; Corporate growth</p> <p>658.8 SCH-G</p> <p>Barcode: 180568-180569; CL; DMS</p> <p>Click here for more details.</p>

81		<p>Pension fund risk management: Financial and actuarial modeling edited by Marco Micocci, Greg N. Gregoriou and Giovanni Batista Masala, Boca Raton: CRC Press, 2024. xxxvi, 728 p., - Chapman and Hall/CRC finance. Includes index (p. 707-728)</p>
		<p>ISBN: 9781032917573</p>
		<p>Subject Terms: Pensions; Schemes; Management; Inflation; Securitization</p>
		<p>364-646.2:330.131.7 -PEN</p>
		<p>Barcode: 180570; CL</p>
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Materials Science & Engineering

82		<p>Engineer's guide to materials: an applications-focused introduction to materials science by K. T. Voisey, Cham: Springer, 2024. xiii, 259 p. Includes index (p. 245-259)</p>
		<p>ISBN: 9783031629365</p>
		<p>Subject Terms: Alloys; Engineer; Polymer; Sustainability; Superalloys</p>
		<p>620 VOI-E</p>
		<p>Barcode: 180494; CL</p>
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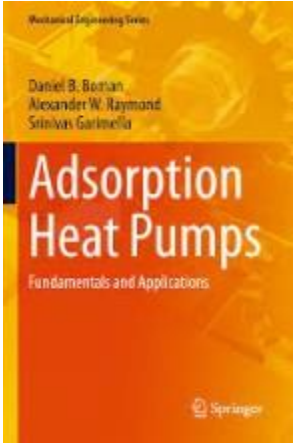
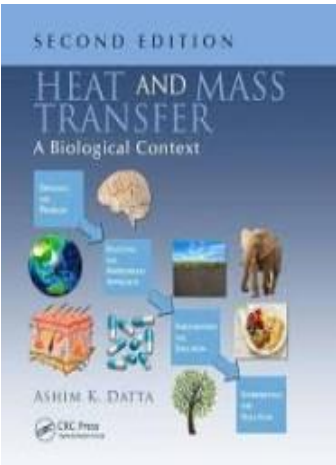
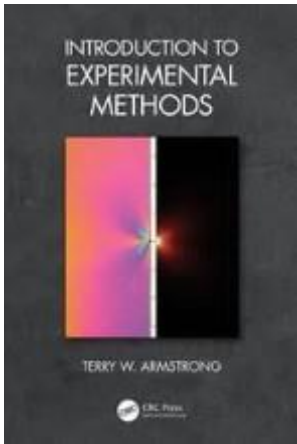
Mathematics


83		<p>Advanced course in probability and stochastic processes by Dirk P. Kroese and Zdravko I. Botev, Boca Raton: CRC Press, 2024. xix, 357 p. Includes bibliography and index (p. 349-357)</p>
		<p>ISBN: 9781032320465</p>
		<p>Subject Terms: Mathematical statistics; Probability theory; Statistics; Statistical inference; Function spaces</p>
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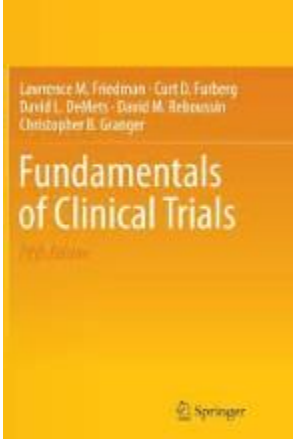
84		<p>Commutative algebra by Andrea Ferretti, Rhode Island: American Mathematical Society, 2023. xvii, 373 p., - Graduate studies in mathematics. Includes bibliography and index (p. 359-374)</p> <p>ISBN: 9781470474348 Subject Terms: Topological methods; Multiplicity theory; Computational techniques; Homological Methods; Noetherian rings</p> <p>512.71 FER-C</p> <p>Barcode: 180465-180466; CL; MA</p> <p>Click here for more details.</p>
85		<p>Geometry and its applications by Walter J. Meyer, 3rd ed., Boca Raton: CRC Press, 2022. xvi, 473 p. Includes index (p. 463-473)</p> <p>ISBN: 9780367689995</p> <p>Subject Terms: Geometry; Graph theory; Planar maps; Isometries; Axioms</p> <p>514 MEY-G</p> <p>Barcode: 180560; CL</p> <p>Click here for more details.</p>
86		<p>Lectures on selected topics in mathematical physics: introduction to lie theory with applications by William A. Schwalm, San Rafael: Morgan & Claypool Publishers, 2017. v. p.</p> <p>ISBN: 9781681744483</p> <p>Subject Terms: Permutations; Symmetries; Substitutions; Differential equations; Orthogonality</p> <p>53:512.81 SCH-L</p> <p>Barcode: 180516; CL</p> <p>Click here for more details.</p>
87		<p>Surveys in differential geometry: proceedings held at Harvard University, April 27-29, 1990 edited by H. Blaine Lawson and S. T. Yau, Somerville: International Press, 2011. 310 p. Includes reference (p. 308-310)</p> <p>ISBN: 781571462312 Subject Terms: Gravity; Intersection; Dynamics; Geometry; Metrics</p> <p>CD 514.7 -SUR</p> <p>Barcode: 180517; CL</p> <p>Click here for more details.</p>

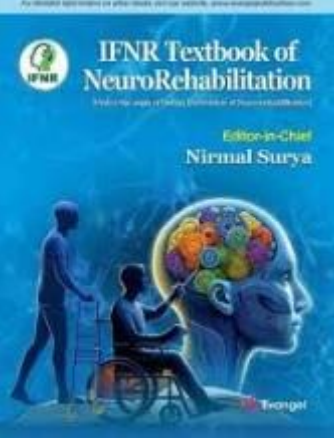
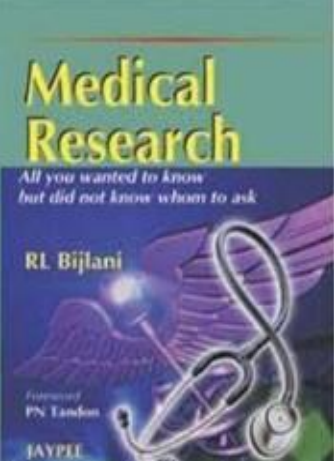
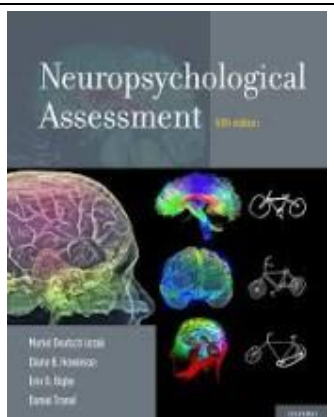
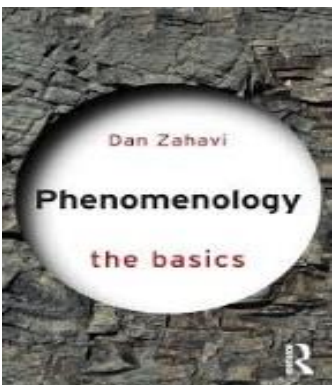
Mechanical Engineering

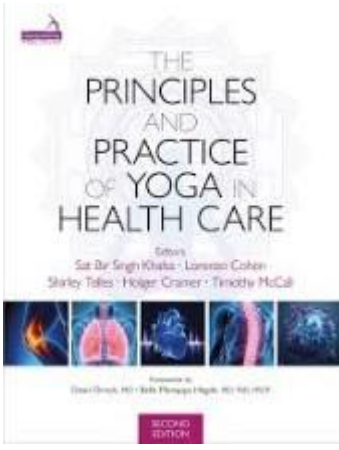
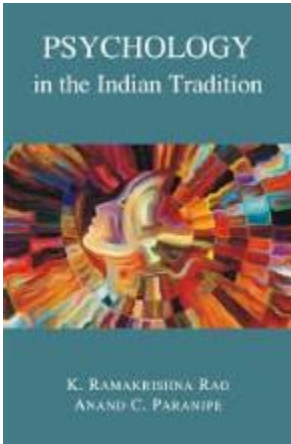
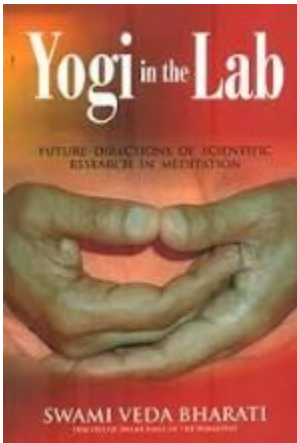
88		<p>Adsorption heat pumps: fundamentals and applications by Daniel B. Boman, Alexander W. Raymond and Srinivas Garimella, Cham: Springer, 2021. viii, 73 p., - Mechanical engineering series. Includes index (p. 71-73)</p> <p>ISBN: 9783030721824</p> <p>Subject Terms: Heat pumps; Optimization; Automotive; Water heating; Thermal wave</p> <p>621.577 BOM-A</p> <p>Barcode: 180556-180557; CL; ME</p> <p>Click here for more details.</p>
89		<p>Heat and mass transfer: a biological context by Ashim K. Datta, 2nd ed., Boca Raton: CRC Press, 2017. xlii, 634 p. Includes index (p. 615-634)</p> <p>ISBN: 9781138033603</p> <p>Subject Terms: Kinetics; Mass Transfer; Equilibrium; Convection; Diffusion</p> <p>536.2:57 DAT-H</p> <p>Barcode: 180475; CL</p> <p>Click here for more details.</p>
90		<p>Introduction to experimental methods by Terry W. Armstrong, Boca Raton: CRC Press, 2024. xv, 472 p. Includes index (p. 471-472)</p> <p>ISBN: 9781032358932</p> <p>Subject Terms: Plagiarism; Laboratory manuals; Photoelasticity; Waves; Discrete system vibrations</p> <p>531/536:001.891.5 ARM-I</p> <p>Barcode: 180474; CL</p> <p>Click here for more details.</p>
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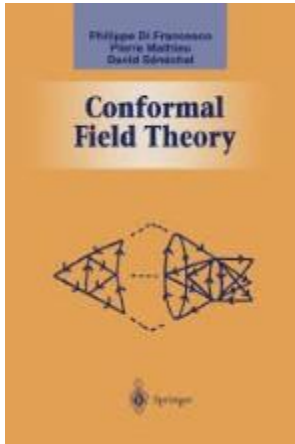
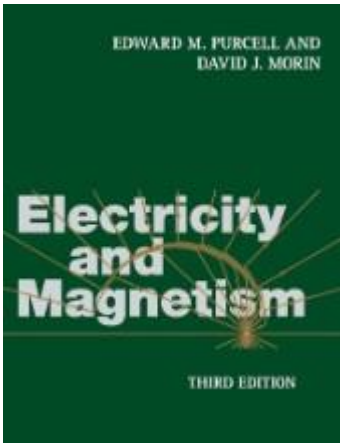
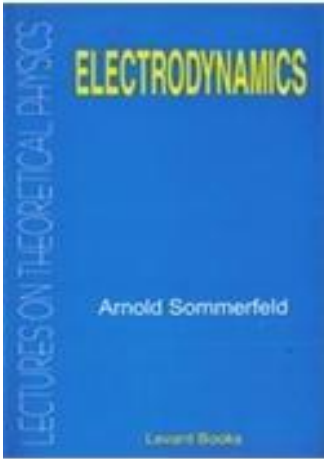
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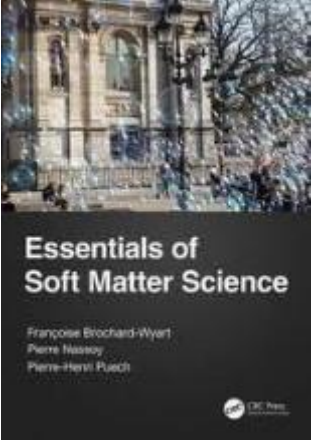
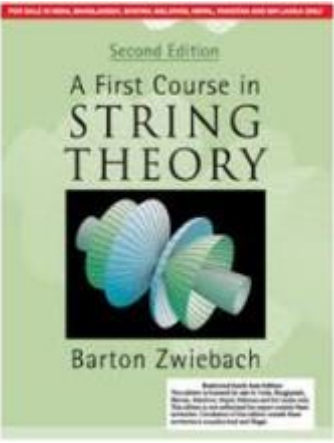
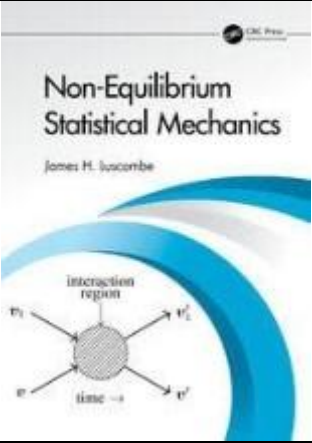
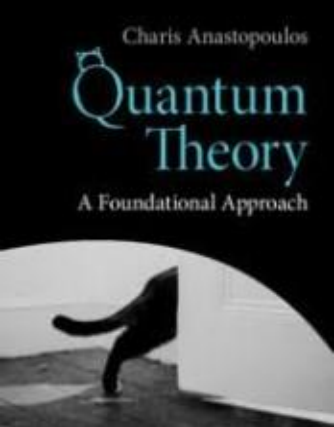
94		<p>Biostatistics by P. N. Arora and P. K. Malhan, 2nd ed., Mumbai: Himalaya Publishing House, 2024. 578 p.</p> <p>ISBN: 9789351428237</p> <p>Subject Terms: Dispersion; Factorial analysis; Chi square test; Central tendency; Sampling methods</p> <p>57.087.1 ARO-B</p> <p>Barcode: 180451; CL</p> <p>Click here for more details.</p>
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96		<p>Handbook of stroke edited by David O. Wiebers, Valery L. Feigin, and Robert D. Brown, 3rd ed., New Delhi: Wolters Kluwer, 2020. xiii, 427 p. Includes index (p. 407-427)</p> <p>ISBN: 9789389702347</p> <p>Subject Terms: Acute stroke; Cerebrovascular diseases; Ischemic attack; Hypertension; Hematologic diseases</p> <p>RL-HB 616.831-005.1(021) -HAN</p> <p>Barcode: 180449; CL</p> <p>Click here for more details.</p>
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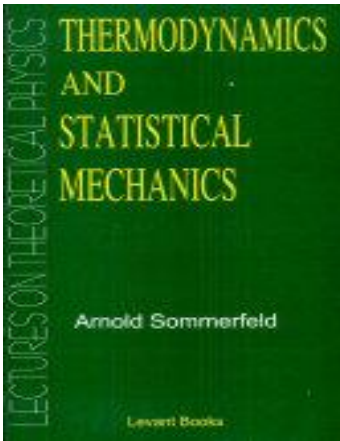
97		<p>IFNR textbook of neurorehabilitation: under the aegis of Indian federation of neurorehabilitation edited by Nirmal Surya, New Delhi: Evangel Publishing, 2024. xxxii, 512 p. Includes index (p. 499-512)</p> <p>ISBN: 9789390616428</p> <p>Subject Terms: Vestibular rehabilitation; Epilepsy and Neurodisability; Aquatic therapy framework; Spasticity; Autism Spectrum disorders</p> <p>616.8-001 -IFN</p> <p>Barcode: 180452; CL</p> <p>Click here for more details.</p>
98		<p>Medical research: all you wanted to know but did not know whom to ask by R. L. Bijlani, New Delhi: Jaypee Brothers Medical Publishers, 2023. xvi, 326 p.</p> <p>ISBN: 9788184484175</p> <p>Subject Terms: Clinical research; Experimentation on animals; Thesis writing; Laboratory research; Experimentation on human subjects</p> <p>61:001.8 BIJ-M</p> <p>Barcode: 180446; CL</p> <p>Click here for more details.</p>
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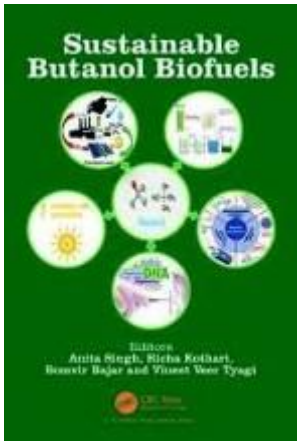
Physics

104		<p>Conformal field theory by Philippe Di Francesco, Pierre Mathieu and David Senechal, New York: Springer, 1997. xxi, 890 p., - Graduate texts in contemporary physics. Includes index (p. 877-890)</p> <p>ISBN: 9780387947853</p> <p>Subject Terms: Quantum field; Conformal invariance; Operator formalism; Minimal models; Algebra</p> <p>517.54 FRA-C</p> <p>Barcode: 180496; CL</p> <p>Click here for more details.</p>
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106		<p>Electrodynamics: lectures on theoretical physics by Arnold Sommerfeld, Kolkata: Levant Books, 2011. xiii, 371 p. Includes index (p. 365-371)</p> <p>ISBN: 9788187169703</p> <p>Subject Terms: Maxwell equations; Radiation; Relativity; Refractive index; Magnetic flux</p> <p>537.8 SOM-E</p> <p>Barcode: 180488; CL</p> <p>Click here for more details.</p>
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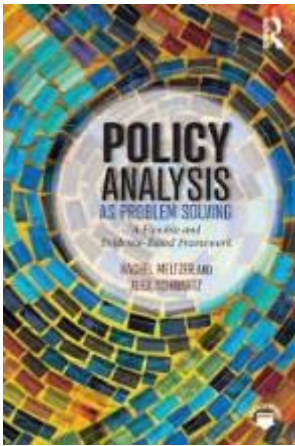
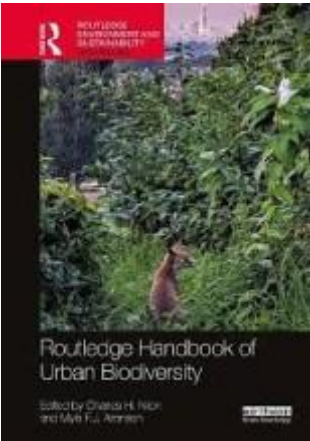

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112		<p>Sustainable butanol biofuels edited by Anita Singh... (et al.), Boca Raton: CRC Press, 2023. x, 262 p. Includes index (p. 259-260)</p> <p>ISBN: 9780367760816</p> <p>Subject Terms: Bioeconomy; Feedstocks; Production techniques; Gasoline; Carbon</p>
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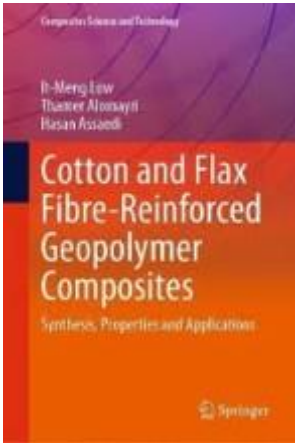
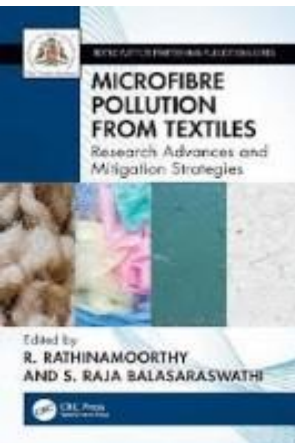
School of Public Policy

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