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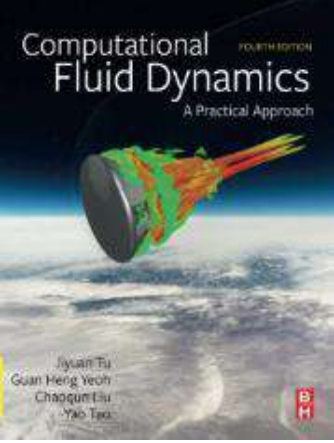
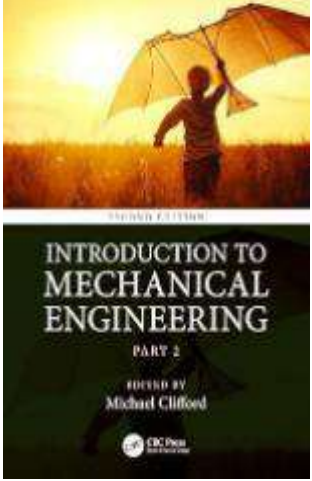
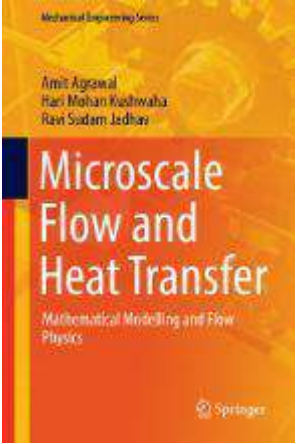


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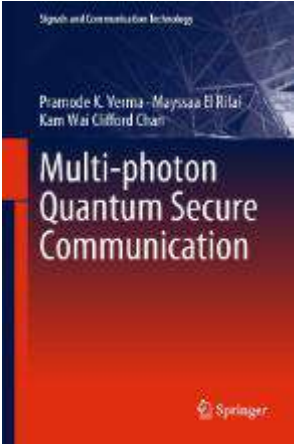
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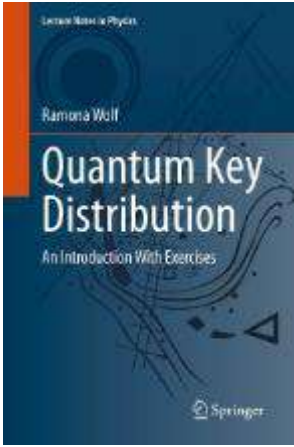
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Applied Mechanics

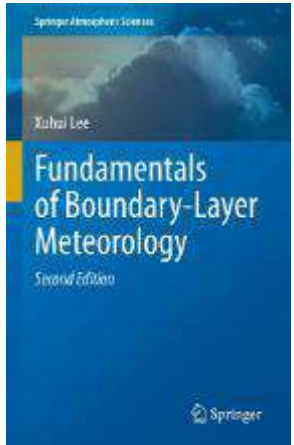
1		<p>Computational fluid dynamics: a practical approach by Jiyuan Tu... (et al.), 4th ed., Oxford: Elsevier, 2024. xi, 484 p.,</p> <p>Includes reference and index (p. 445-484)</p> <p>ISBN: 9780323939386</p> <p>Subject Terms: Heat transmission; CFD mesh generation; Equation of CFD; Pressure-velocity coupling; Turbulence modeling</p> <p>532.5 -COM</p> <p>Barcode: 180325; CL</p> <p>Click here for details.</p>
2		<p>Introduction to mechanical engineering edited by Michael Clifford, 2nd ed., Boca Raton: CRC Press, 2025. x, 621 p.,</p> <p>Includes index (p. 608-621)</p> <p>ISBN: 9780367333775</p> <p>Subject Terms: Fluid dynamics; Thermodynamics; Electromechanical drive systems; Solid mechanics; Feedback and control theory</p> <p>621-INT</p> <p>Barcode: 180360; CL</p> <p>Click here for details.</p>
3		<p>Microscale flow and heat transfer: mathematical modelling and flow physics by Amit Agrawal, Hari Mohan Kushwaha and Ravi Sudam Jadhav, Cham: Springer, 2020. xix, 365 p., Mechanical engineering series.</p> <p>Includes references and index (p. 349-365)</p> <p>ISBN: 9783030106614</p> <p>Subject Terms: Burnett equation; Microscale flows; Grad equations; Couette flow; Microscale heat transfer</p> <p>536.24 AGR-M</p> <p>Barcode: 180324; AM</p> <p>Click here for details.</p>

4		<p>Nonlinear dynamics of time delay systems: methods and applications by Jian Xu, Singapore: Springer, 2024. xviii, 481 p.,</p> <p>ISBN: 9789819999064</p> <p>Subject Terms: Nonlinear dynamics; Time delay in coupled system; Perturbation-incremental method; Traffic model with time delay; Biological model with time delay</p>
		530.182:62-558 XU-N
		Barcode: 180356; 180358; CL; AM
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5		<p>Nonlinear solid mechanics for finite element analysis: dynamics by Javier Bonet, Antonio J. Gil and Richard D. Wood, New York: Cambridge University Press, 2021. xviii, 331 p.,</p> <p>Includes bibliography and index (p. 326-331)</p> <p>ISBN: 9781107115620</p> <p>Subject Terms: Dynamic analysis; Hamiltonian formulation; Discretization and solution; Kinetic energy; Thermoelasticity</p>
		517.962.24 BON-N
		Barcode: 180368; CL
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6		<p>Wave dynamics and composite mechanics for microstructured materials and metamaterials edited by Mezhlum A. Sumbatyan, Singapore: Springer, 2017. xii, 258 p., Advanced structured materials.</p> <p>ISBN: 9789811037962</p> <p>Subject Terms: Materials science; Finite element modeling; Coupled surface effects; Microstructure; Ultrasonic wave propagation</p>
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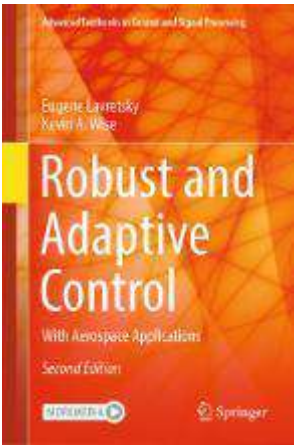
7		<p>Multi-photon quantum secure communication by Pramode K. Verma, Singapore: Springer, 2019. xx, 214 p., Signals and communication technology.</p> <p>ISBN: 9789811086175</p> <p>Subject Terms: Quantum cryptography; Secure key transfer; Conventional encryption; Quantum key distribution; Multi-photon protocols</p>
		621.391 VER-M
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8		<p>Quantum key distribution: an introduction with exercises by Ramona Wolf, Cham: Springer, 2021. xi, 229 p., Lecture notes in physics.</p> <p>Includes index (p. 227-229)</p> <p>ISBN: 9783030739904</p> <p>Subject Terms: Quantum cryptography; Security of quantum key distribution; Gaussian quantum information theory; Security analysis; Quantum entropy</p>
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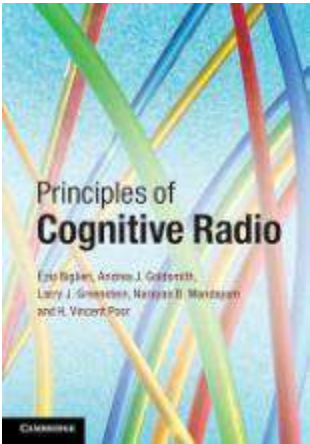
Atmospheric Sciences

9		<p>Fundamentals of boundary layer meteorology by Xuhui Lee, 2nd ed., Cham: Springer, 2023. xii, 370 p., Springer atmospheric sciences.</p> <p>Includes index (p. 365-370)</p> <p>ISBN: 9783031326707</p> <p>Subject Terms: Fundamental equations; Ideal gas law; Atmospheric turbulence; Plant canopies; Energy transport and turbulence</p>
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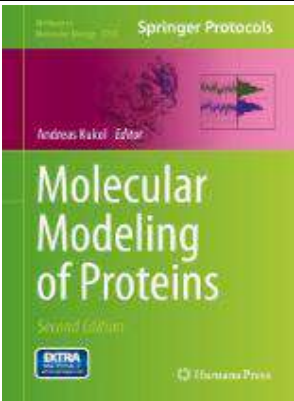
Automotive Research and Tribology

10		<p>Robust and adaptive control: with aerospace applications by Eugene Lavretsky and Kevin A. Wise, 2nd ed., Cham: Springer, 2024. xxi, 710 p., Advanced textbooks in control and signal processing.</p> <p>Includes index (p. 705-710)</p> <p>ISBN: 9783031383137</p> <p>Subject Terms: Adaptive systems; Optimal regulation and tracking; Robust control; Aircraft servomechanisms; Command tracking control</p>
		621-5 LAV-R
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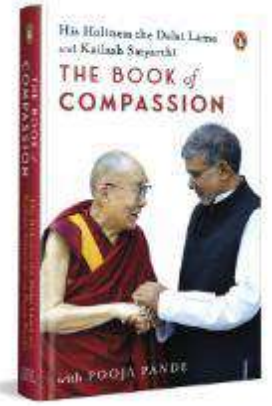
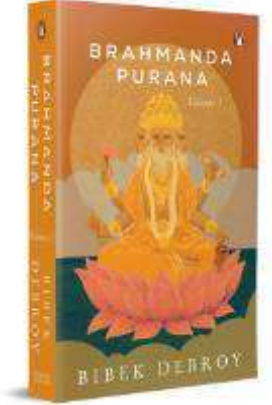
11		<p>Principles cognitive radio by Ezio Biglieri... (et al.), Cambridge: Cambridge University Press, 2013. xvii, 299 p.,</p> <p>Includes bibliography and index (p. 259-299)</p> <p>ISBN: 9781107028753</p> <p>Subject Terms: Cognitive radio networks; Radio frequency allocation; Software radio; Mobile and wireless communications; Spectrum sensing</p>
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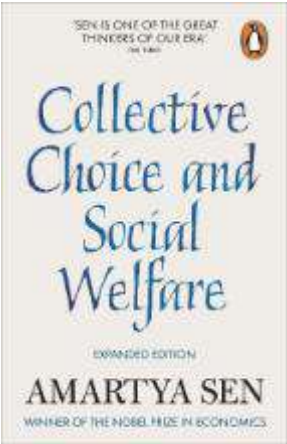
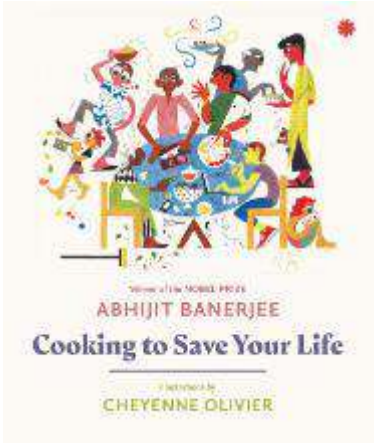
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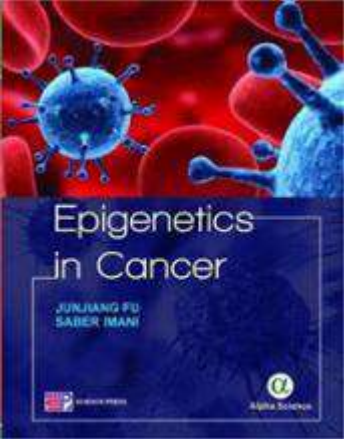
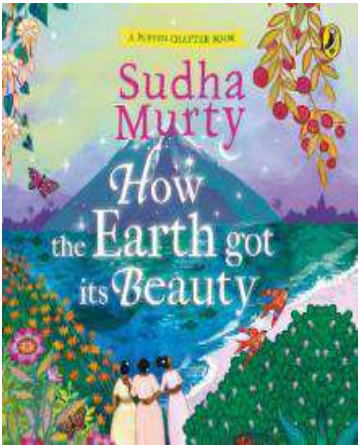
12		<p>Molecular modeling of proteins edited by Andreas Kukol, 2nd ed., New York: Humana Press, 2015. x, 474 p.,</p> <p>Includes index (p. 471-474)</p> <p>ISBN: 9781493914647</p> <p>Subject Terms: Animal biochemistry; Biochemical processes; Chemicals and drugs; Computational biology; Biophysics</p>
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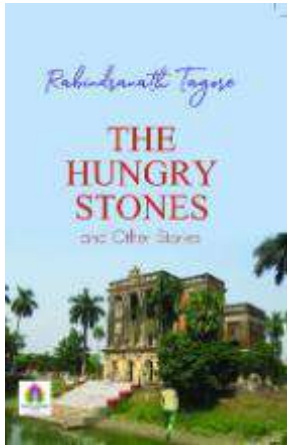
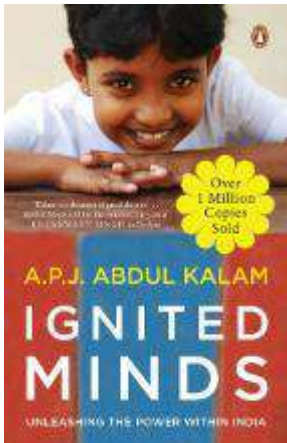
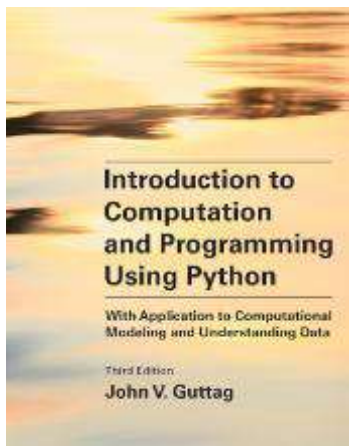
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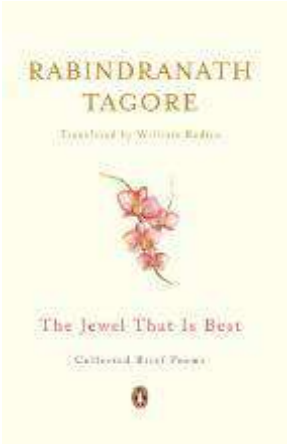
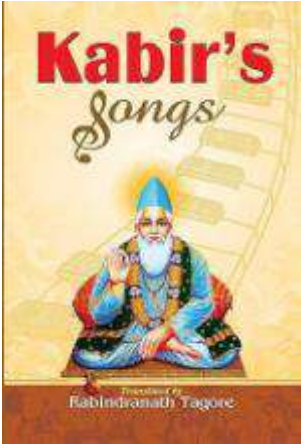

13		<p>Bhagavad Gita translated by Debroy Bibek, Gurugram: Penguin, 2005. xxxviii, 321 p.,</p> <p>ISBN: 9780144000685</p> <p>Subject Terms: Greatness of gita; Path of meditation; Knowledge of the self; Path of devotion; Divine glory</p> <hr/> <p>233-265.34 -BHA</p> <hr/> <p>Barcode: 180434; CL</p> <hr/> <p>Click here for details.</p>
14		<p>Bhagavata Purana translated by Bibek Debroy, Gurugram: Penguin Random House, 2018. xxiv. 395 p.,</p> <p>ISBN: 9780143428015</p> <p>Subject Terms: Hindu script; Lord Krishna; Hinduism; Spiritual book; Mythological stories</p> <hr/> <p>233-265.35 -BHA</p> <hr/> <p>Barcode: 180437; CL</p> <hr/> <p>Click here for details.</p>
15		<p>Bhagavata Purana translated by Bibek Debroy, Gurugram: Penguin Random House, 2018. xxiv,470 p.,</p> <p>ISBN: 9780143428022</p> <p>Subject Terms: Hindu script; Lord Krishna; Hinduism; Spiritual book; Mythological stories</p> <hr/> <p>233-265.35 -BHA</p> <hr/> <p>Barcode: 180438; CL</p> <hr/> <p>Click here for details.</p>

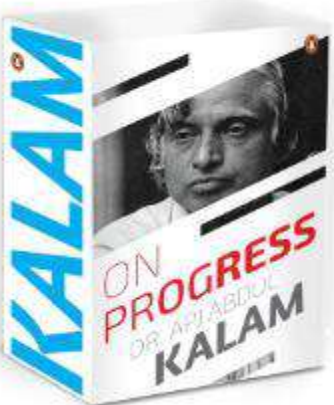
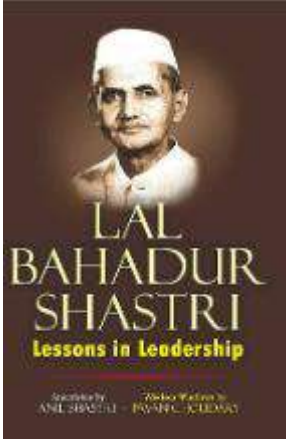
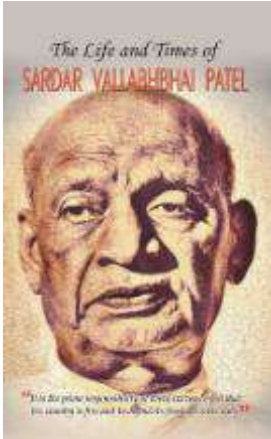
16		<p>Bhagavata Purana translated by Bibek Debroy, Gurugram: Penguin Random House, 2018. xxiv, 492 p.,</p> <p>ISBN: 9780143428039</p> <p>Subject Terms: Hindu script; Lord Krishna; Hinduism; Spiritual book; Mythological stories</p> <p>233-265.35 -BHA</p> <p>Barcode: 180439; CL</p> <p>Click here for details.</p>
17		<p>Book of compassion by Dalai Lama, Kailash Satyarthi and Pooja Pande, Gurugram: Penguin Random House, 2024. xix, 208 p.,</p> <p>Includes bibliography (p. 205-207)</p> <p>ISBN: 9780670093311</p> <p>Subject Terms: Social equality; Forgiveness and healing; Interfaith compassion; Collective responsibility for change; Moral courage</p> <p>177.74 LAM-B</p> <p>Barcode: 180411; CL</p> <p>Click here for details.</p>
18		<p>Brahmanda Purana by Bibek Debroy, Gurugram: Penguin Random House, 2024. xxii, 495 p.,</p> <p>ISBN: 9780143465287</p> <p>Subject Terms: Vedic knowledge; Hindu scripture; Indian mythology; Hindu classics; Ancient texts</p> <p>233-265.35 DEB-B</p> <p>Barcode: 180435; CL</p> <p>Click here for details.</p>
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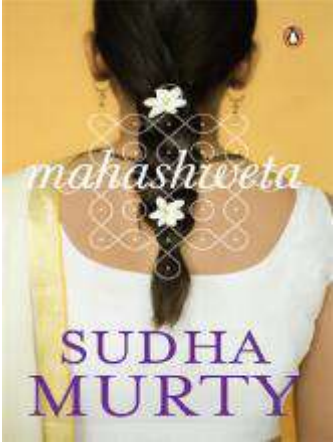
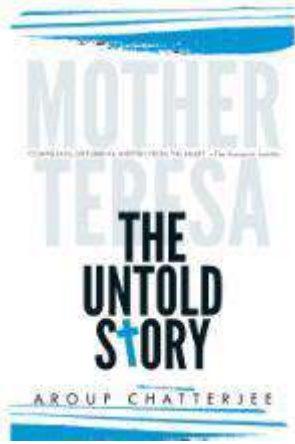
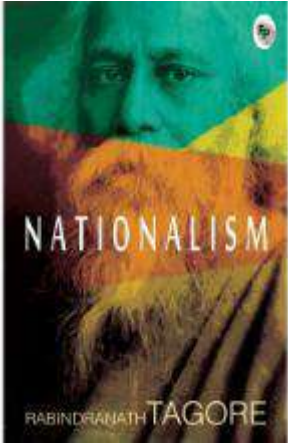
19		<p>Brahmanda Purana by Bibek Debroy, Gurugram: Penguin Random House, 2024. xxii, 527 p.,</p> <p>ISBN: 9780143465294</p> <p>Subject Terms: Vedic knowledge; Hindu scripture; Indian mythology; Hindu classics; Ancient texts</p>
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20		<p>Collective choice and social welfare by Amartya Sen, Milton Keynes: Penguin Random House, 2017. xxxvii, 601 p.,</p> <p>Includes bibliography and index (p. 491-601)</p> <p>ISBN: 9780141982502</p> <p>Subject Terms: Social welfare function; Values and choice; Conflicts and dilemmas; Equity and justice; Idea of rights</p>
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21		<p>Cooking to save your life by Abhijit Banerjee, New Delhi: Juggernaut, 2022. xviii, 277 p.,</p> <p>Includes index (p. 272-276)</p> <p>ISBN: 9789391165789</p> <p>Subject Terms: Soups; Vegetables; Pasta; Meat; Desserts</p>
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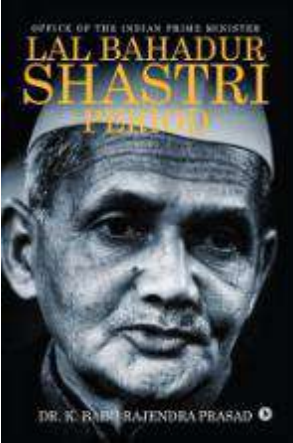
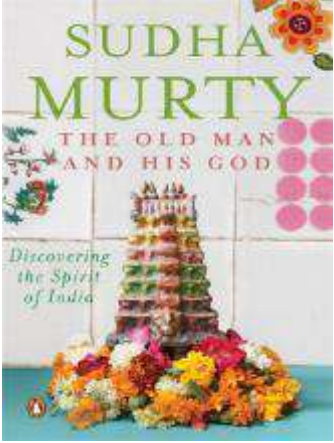
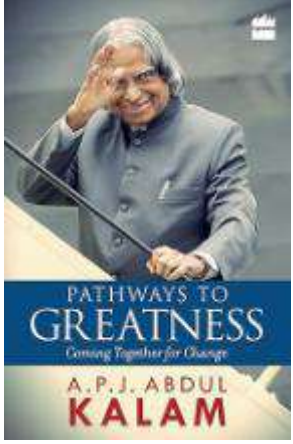
22		<p>Epigenetics in cancer by Junjiang Fu and Saber Imani, Beijing: Science Press, 2019. xi, 364 p.,</p> <p>Includes references (p. 364)</p> <p>ISBN: 9781783323593</p> <p>Subject Terms: DNA methylation and cancer; Non-coding RNAs in cancer; Chromatin remodeling and cancer; Epigenetic therapy of cancer; Cancer - Genetic aspects</p> <p>616-006:575 FU-E</p> <p>Barcode: 180383; CL</p> <p>Click here for details.</p>
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24		<p>How the earth got its beauty by Sudha Murty, Gurugram: Penguin Books, 2021. 30 p.,</p> <p>ISBN: 9780143447061</p> <p>Subject Terms: Life; Natural beauty; Environmental science; Earth formation; Landscapes</p> <p>821.111 MUR-H</p> <p>Barcode: 180313; CL</p> <p>Click here for details.</p>

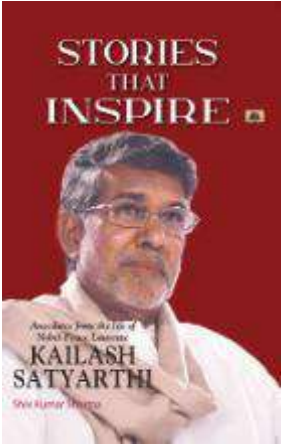
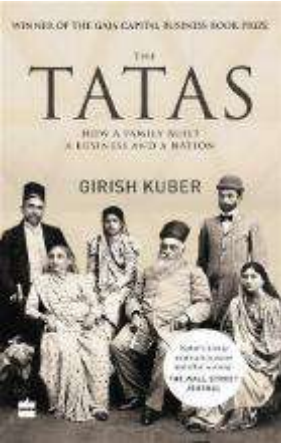
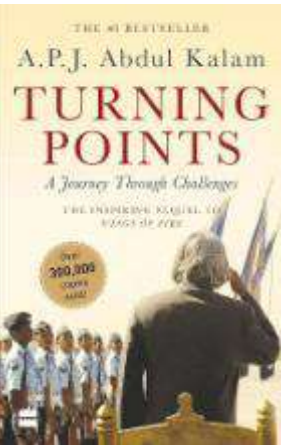
25		<p>Hungry stones and other stories by Rabindranath Tagore, New Delhi: Namaskar Books, 2022. 143 p.,</p> <p>ISBN: 9789355716538</p> <p>Subject Terms: Cultural identity; Reflection; Human connection; Inner conflicts; Emotional resonance</p>
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26		<p>Ignited minds: unleashing the power within India by A.P.J. Abdul Kalam, Gurugram: Penguin Books, 2014. xviii, 189 p.,</p> <p>Includes reference and index (p. 183-189)</p> <p>ISBN: 9780143424123</p> <p>Subject Terms: Future of india; Empowering minds; Holistic growth; Courage and determination; Fostering creativity</p>
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27		<p>Introduction to computation and programming using Python: with application to computational modeling and understanding data by John V. Guttag, 3rd ed., Cambridge: The MIT Press, 2021. xviii, 637 p.,</p> <p>Includes index (p. 623-637)</p> <p>ISBN: 9780262542364</p> <p>Subject Terms: Fibonacci numbers; Palindromes; Designing the experiment; Logarithmic complexity; Dynamic programming</p>
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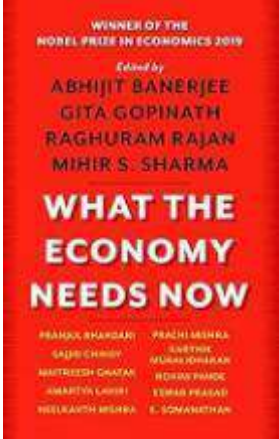
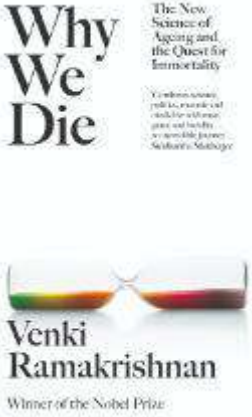
28		<p>Jewel that is best: collected brief poems by Rabindranath Tagore, Gurugram: Penguin Random House, 2011. xi, 203 p., ISBN: 9780143415633</p> <p>Subject Terms: Harmony and balance; Simplicity and grace; Mysticism; Connection with nature; Hope and light</p> <p>82-1 TAG-J</p> <p>Barcode: 180415; CL</p> <p>Click here for details.</p>
29		<p>Kabir's songs translated by Rabindranath Tagore, New Delhi: Ocean Books, 2016. 127 p., ISBN: 9788184303919</p> <p>Subject Terms: Devotion and love; Non-dualism and unity; Truth and illusion of life; Path to self discovery; Mindfulness</p> <p>784.7 -KAB</p> <p>Barcode: 180433; CL</p> <p>Click here for details.</p>
30		<p>Kabuliwallah: stories by Tagore Rabindranath, Gurugram: Penguin Random House, 2011. 154 p., ISBN: 9780143416050</p> <p>Subject Terms: Unspoken bond; Human resilience; Simplicity of life; Silent sacrifices; Fatherly affection</p> <p>82-31 TAG-K</p> <p>Barcode: 180416; CL</p> <p>Click here for details.</p>
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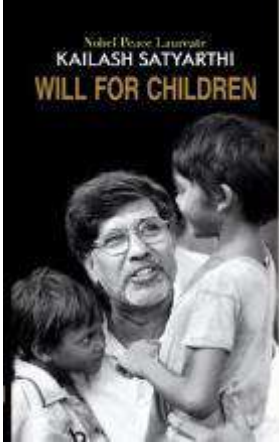
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32		<p>Lal Bahadur Shastri: lessons in leadership by Pawan Choudary and Anil Shastri, Manipal: Wisdom Village Publications, 2014. iii, 156 p.,</p> <p>ISBN: 9789380710365</p> <p>Subject Terms: Organizational skills; Indian values; Punctuality; Affable personality; Strong work ethic</p> <p>929LAL CHO-L</p> <p>Barcode: 180342; CL</p> <p>Click here for details.</p>
33		<p>Life and times of Sardar Vallabhbhai Patel by Sushil Kapoor, New Delhi: Prabhat Prakashan, 2024. 158 p.,</p> <p>ISBN: 9789355626073</p> <p>Subject Terms: Service to people; Freedom and duty; Iron man of india; National leader; Unity and integration</p> <p>929PAT KAP-L</p> <p>Barcode: 180426; CL</p> <p>Click here for details.</p>

34		<p>Mahashweta by Sudha Murty, Gurugram: Penguin Books, 2005. 154 p., ISBN: 9780143103295</p> <p>Subject Terms: Social condition; Indian society; Women empowerment; Women's right; Women author</p> <p>821.214.21 MUR-M</p> <p>Barcode: 180314; CL</p> <p>Click here for details.</p>
35		<p>Mother Teresa: the untold story by Aroup Chatterjee, New Delhi: Fingerprint, 2023. 399 p., ISBN: 9788175993310</p> <p>Subject Terms: Fiction; Short stories; Biography; Social worker; Missionaries of charity</p> <p>929TER CHA-M</p> <p>Barcode: 180420; CL</p> <p>Click here for details.</p>
36		<p>Nationalism by Rabindranath Tagore, New Delhi: Fingerprint, 2024. 119 p., ISBN: 9788175993105</p> <p>Subject Terms: Patriotism; Spiritualism; Social harmony; Love for humanity; Individual freedom</p> <p>172.15 TAG-N</p> <p>Barcode: 180421; CL</p> <p>Click here for details.</p>

37		<p>Office of the Indian Prime Minister: Lal Bahadur Shastri period by K. Babu Rajendra Prasad, Chennai: Notion Press, 2017. xii, 157 p.,</p> <p>Includes bibliography (p. 151-157)</p> <p>ISBN: 9781946983060</p> <p>Subject Terms: Leadership; Green revolution; Economic reforms; National unity; Shastri era</p> <p>929SHA RAJ-O</p> <p>Barcode: 180382; CL</p> <p>Click here for details.</p>
38		<p>Old man and his god: discovering the spirit of india by Sudha Murty, New Delhi: Penguin Books, 2006. x, 131 p.,</p> <p>ISBN: 9780144001019</p> <p>Subject Terms: Freedom of speech; Helping hand; Made in heaven; Two faces of poverty; The grateful tenant</p> <p>304(540) MUR-O</p> <p>Barcode: 180315; CL</p> <p>Click here for details.</p>
39		<p>Pathways to greatness: coming together for change by A.P.J. Abdul Kalam, Gurugram: Harper Collins Publishers, 2017. xvii, 158 p.,</p> <p>Includes index (p. 153-158)</p> <p>ISBN: 9789352643837</p> <p>Subject Terms: Social transformation; Collective responsibility; Ethical leadership; Knowledge economy; Human potential</p> <p>172 KAL-P</p> <p>Barcode: 180422; CL</p> <p>Click here for details.</p>

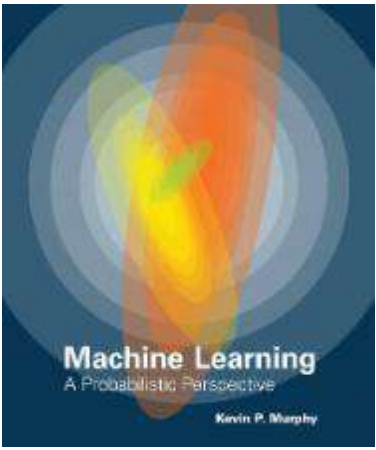
40		<p>Stories that inspire: anecdotes from the life of Nobel peace laureate Kailash Satyarthi by Shiv Kumar Sharma, New Delhi: Prabhat Prakashan, 2023. 152 p.,</p> <p>ISBN: 9789355214935</p> <p>Subject Terms: Child rights activists stories; Values above all; Social reform and child exploration; Freedom from fear; Nest of warmth</p> <p>82-32 SHA-S</p> <p>Barcode: 180423; CL</p> <p>Click here for details.</p>
41		<p>Tatas: how a family built a business and a nation by Girish Kuber, Gurugram: Harper Business, 2019. xiv, 263 p.,</p> <p>Includes bibliography and index (p. 247-263)</p> <p>ISBN: 9789353579821</p> <p>Subject Terms: Tata family; Tata group - Biography; Family-owned business enterprises; Tata, Jamsetji Nasarwanji 1839-1904; Tata, Ratan N. (Ratan Naval), 1937-2024</p> <p>929.52 KUB-T</p> <p>Barcode: 180311; CL</p> <p>Click here for details.</p>
42		<p>Turning points: a journey through challenges by A.P.J. Abdul Kalam, Haryana: Harper Collins publishers, 2012. x, 182 p.,</p> <p>Includes index (p. 177-182)</p> <p>ISBN: 9789350293478</p> <p>Subject Terms: Interactive president; Learning from others; Rejuvenating the heart of india; National growth; Social responsibility</p> <p>929KAL KAL-T</p> <p>Barcode: 180424; CL</p> <p>Click here for details.</p>

43		<p>Valmiki Ramayana translated by Bibek Debroy, Gurugram: Penguin Random House, 2024. v.p.,</p> <p>ISBN: 9780143428046</p> <p>Subject Terms: Hindu epic; Ramayana; Spiritual Scripture; Indian mythology; Hindu classics</p>
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44		<p>What the economy needs now edited by Abhijit Banerjee... (et al.), New Delhi: Juggernaut, 2019. ix, 224 p.,</p> <p>ISBN: 9789353450311</p> <p>Subject Terms: Healthcare; Farms and farmers; Welfare reform; Deficits and debt; Financial sector</p>
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45		<p>Why we die: the new science of aging and the quest for immortality by Venki Ramakrishnan, London: Hodder Press, 2024. 310 p.,</p> <p>Includes index (p. 299-310)</p> <p>ISBN: 9781529369250</p> <p>Subject Terms: Destroying the master controller; Less is more; Aging and mortality; Meaning of life; Emotional aspects of life</p>
		57.017.6 RAM-W
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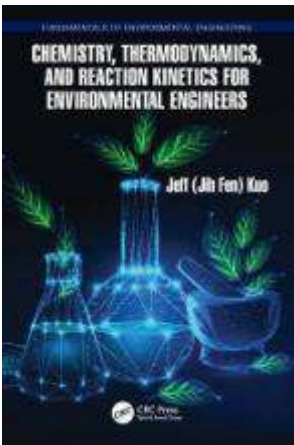
46		<p>Will for children by Kailash Satyarthi, New Delhi: Prabhat Prakashan, 2023. 288 p.,</p> <p>ISBN: 9789386300300</p> <p>Subject Terms: Children and democracy; Human rights and child labour; Child trafficking and sociology; Child rights and law; Role of education</p>
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47		<p>Wise and otherwise by Sudha Murthy, Haryana: Penguin Books, 2006. xii, 220 p.,</p> <p>ISBN: 9780143062226</p> <p>Subject Terms: Woman with a mind; Life of dignity; Life is an examination; Think positive; Crisis of confidence</p>
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48		<p>You are born to blossom: take my journey beyond by A.P.J. Abdul Kalam and Arun Tiwari, New Delhi: Prabhat Prakashan, 2024. 175 p.,</p> <p>Includes index (p. 175)</p> <p>ISBN: 9788184303506</p> <p>Subject Terms: Nurturing a garden; Living is doing; Education system; Idealist; Knowledge</p>
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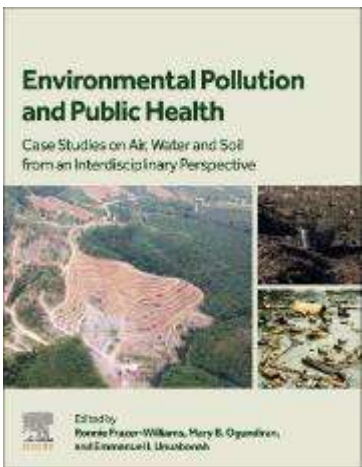
Chemical Engineering

49		<p>Catalysis at surfaces by Wolfgang Grunert, Wolfgang Kleist and Martin Muhler, Berlin: De Gruyter, 2023. xi, 695 p., Includes index (p. 673-695) ISBN: 9783110632477 Subject Terms: Industrial chemistry; Surface catalysis; Electrochemistry; Mechanism of catalyst; Binding energies</p> <p>544.47:544.7 GRU-C Barcode: 180351; CHE</p> <p>Click here for details.</p>
50		<p>Designing controls for the process industries by Wayne Seames, 2nd ed., Boca Raton: CRC Press, 2024. xli, 557 p., Includes index (p. 547-557) ISBN: 9781032433455 Subject Terms: Control system fundamentals; Process dynamics analysis; Heat transfer unit operations control; Inferential control; Speed control systems</p> <p>66.012 SEA-D Barcode: 180352; CL</p> <p>Click here for details.</p>
51		<p>Introduction to dynamics of colloids by J.K.G. Dhont, Amsterdam: Elsevier, 1996. xvii, 642 p., Studies in interface science. Includes references and index (p. 630-642) ISBN: 9780444820099 Subject Terms: Statistical mechanics; Time scales; Static light scattering; Oseen matrix; Gradient diffusion</p> <p>544.77 DHO-I Barcode: 180343-180344; CL; CHE</p> <p>Click here for details.</p>

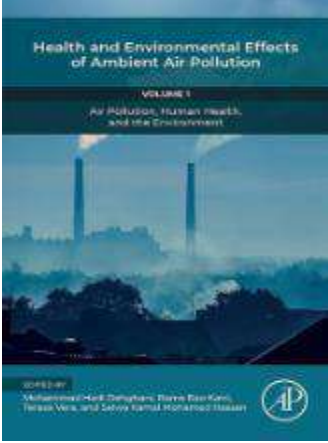
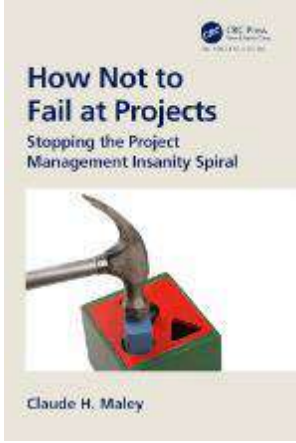
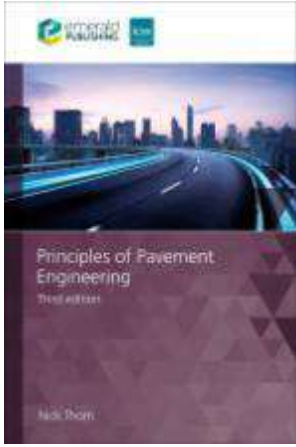
52		<p>Machine learning: a probabilistic perspective by Kevin P. Murphy, London: MIT Press, 2012. xxix,1071 p.,</p> <p>Includes bibliography and index (p.1019-1071)</p> <p>ISBN: 9780262018029</p> <p>Subject Terms: Gaussian models; Frequentist statistics; Linear regression; Kernel functions; Monte Carlo inference</p>
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Civil Engineering

53		<p>Chemistry, thermodynamics, and reaction kinetics for environmental engineers by Jeff (Jih Fen)Kuo, Boca Raton: CRC Press, 2025. xv, 327 p., Fundamentals of environmental engineering.</p> <p>Includes index (p. 317-327)</p> <p>ISBN: 9781032819839</p> <p>Subject Terms: Atoms and elements; Hydrocarbons; Chemistry of metals; Chemicals of thermodynamics; Solids in aqueous solution</p>
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54		<p>Environmental pollution and public health: case studies on air, water and soil from an interdisciplinary perspective edited by Ronnie Frazer-Williams, Mary B. Ogundiran, and Emmanuel I. Unuabonah, London: Elsevier, 2024. xvii, 342 p.,</p> <p>Includes index (p. 337-342)</p> <p>ISBN: 9780323959674</p> <p>Subject Terms: Environmental health; Atmospheric pollution and control; Liquid waste management strategies; Treatment of landfill leachate; Soil pollution and climate change</p>
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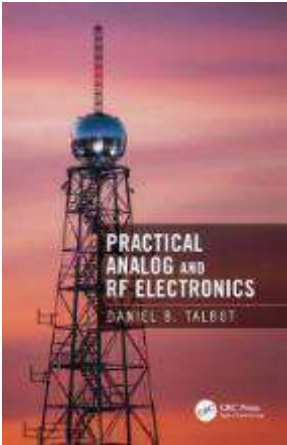
55		<p>Health and environmental effects of ambient air pollution edited by Mohammad Hadi Dehghani... (et al.), London: Academic Press, 2024. xxix, 377 p.,</p> <p>Includes index (p. 361-377)</p> <p>ISBN: 9780443160882</p> <p>Subject Terms: Health impacts; Anthropogenic sources; Technological advancement; Mitigation; Economic productivity</p>
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56		<p>How not to fail at projects: stopping the project management insanity spiral by Claude H. Maley, Boca Raton: CRC Press, 2024. xii, 71 p.,</p> <p>Includes index (p. 69-71)</p> <p>ISBN: 9781032744506</p> <p>Subject Terms: Sane project planning; Project management; Workplace community; Human side of subcontracting; Management in layers</p>
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57		<p>Principles of pavement engineering by Nick Thom, 3rd ed., Leeds: Emerald Publishing, 2024. xv, 431 p.,</p> <p>Includes index (p. 409-431)</p> <p>ISBN: 9781835497111</p> <p>Subject Terms: Building materials; Engineering and applied sciences.; Pavement design and management.; Pavement design.; Design and construction</p>
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Electrical Engineering

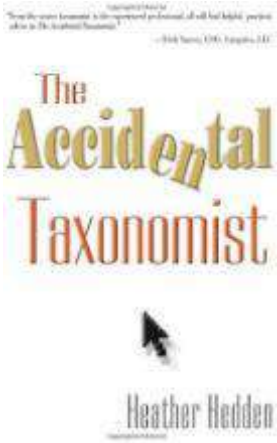
58	 <p>Advanced MOS Devices and their Circuit Applications <small>Edited by</small> Ankur Beohar Ribu Mathew Abhishek Kumar Upadhyay Santosh Kumar Vishwakarma</p>	<p>Advanced MOS devices and their circuit applications edited by Ankur Beohar... (et al.), Boca Raton: CRC Press, 2024. xiv, 146 p.,</p> <p>Includes index (p. 145-146)</p> <p>ISBN: 9781032392851</p> <p>Subject Terms: Materials science; Metal oxide semiconductor field-effect transistors; Transistors; Electronic design; Semiconductor technology</p> <hr/> <p>621.382 -ADV</p> <hr/> <p>Barcode: 180374; CL</p> <hr/> <p>Click here for details.</p>
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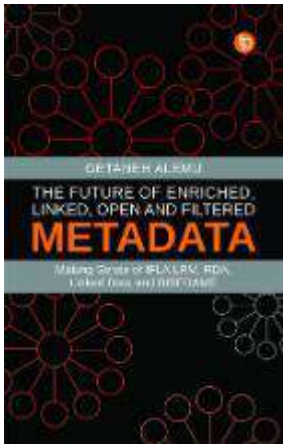
61		<p>Machine learning and knowledge discovery in database: research track edited by Nuria Oliver... (et al.), Cham: Springer, 2021. xli, 806 p., Lecture notes in computer science.</p> <p>Includes index (p. 805-806)</p> <p>ISBN: 9783030864859</p> <p>Subject Terms: Artificial intelligence; Data mining; Probability and statistics; Wireless telecommunication systems; Neural networks</p> <p>681.3 -MAC</p> <p>Barcode: 180341; CL</p> <p>Click here for details.</p>
62		<p>Machine learning foundations: Supervised, unsupervised, and advanced learning by Taeho Jo, Cham: Springer, 2021. xx, 391 p.,</p> <p>Includes index (p. 385-391)</p> <p>ISBN: 9783030658991</p> <p>Subject Terms: Supervised learning; K means algorithm; EM algorithm; Fuzzy clustering; Support vector machine</p> <p>681.3 JO-M</p> <p>Barcode: 180330; CL</p> <p>Click here for details.</p>
63		<p>Machine learning with quantum computers by Maria Schuld and Francesco Petruccione, 2nd ed., Cham: Springer, 2021. xiv, 312 p., Quantum science and technology.</p> <p>Includes index (p. 307-312)</p> <p>ISBN: 9783030830977</p> <p>Subject Terms: Linear models; Kernel methods; Quantum mechanics; Artificial neural network; Quantum BLAS</p> <p>530.145:004.85 SCH-M</p> <p>Barcode: 180328; CL</p> <p>Click here for details.</p>
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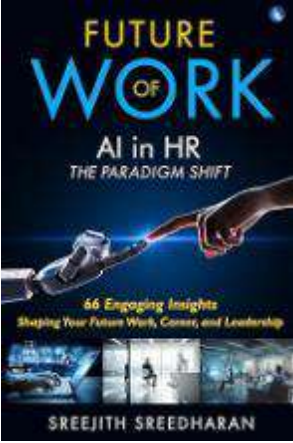
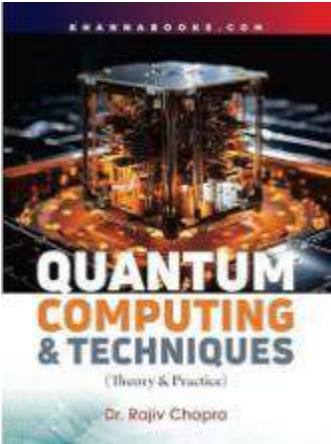
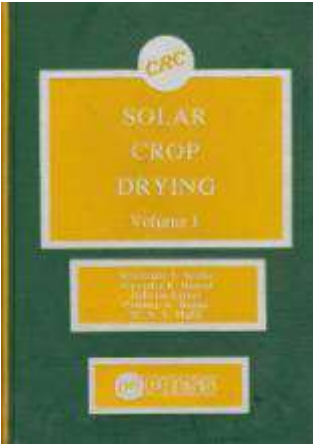
64		<p>Multivariate statistical machine learning methods for genomic prediction by Osva Antonio Montesinos Lopez, Abelardo Montesinos Lopez and Jose Crossa, Cham: Springer, 2022. xxiv, 691 p.,</p> <p>Includes index (p. 683-691)</p> <p>ISBN: 9783030890124</p> <p>Subject Terms: Statistical learning; Deep learning; Non linear regression; Bayesian regression; Convolutional neural networks</p> <p>602.6:004.85 LOP-M</p> <p>Barcode: 180331; CL</p> <p>Click here for details.</p>
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66		<p>Power transmission system analysis against faults and attacks by Tamalika Chowdhury, Abhijit Chakrabarti and Chandan Kumar Chanda, Boca Raton: CRC Press, 2021. xx, 220 p.,</p> <p>Includes index (p. 219-220)</p> <p>ISBN: 9780367499549</p> <p>Subject Terms: Power Electronics; Power transmission networks; Sequence impedances; Renewable energy; Power engineering</p> <p>621.316 CHO-P</p> <p>Barcode: 180316; CL</p> <p>Click here for details.</p>

67		<p>Practical analog and RF electronics by Daniel B. Talbot, Boca Raton: CRC Press, 2022. xiv, 212 p.,</p> <p>Includes bibliography and index (p. 207-212)</p> <p>ISBN: 9780367542948</p> <p>Subject Terms: Real and imaginary parasitics; Resistor noise; Asymmetry of components; Voltage-controlled amplifiers; Diode detector flatness</p>
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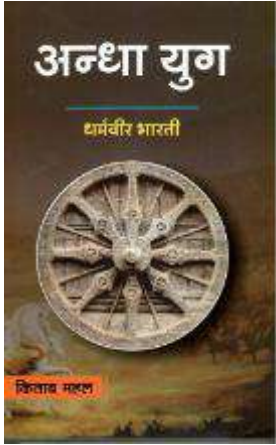
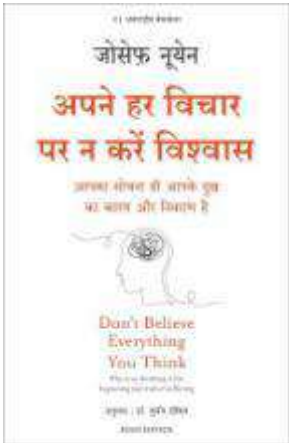

68		<p>Accidental taxonomist by Heather Hedden, 2nd ed., Medford: Information Today, Inc., 2016. xxxi, 464 p.,</p> <p>Includes index (p. 457-464)</p> <p>ISBN: 9781573875288</p> <p>Subject Terms: Applied computing; Physical sciences and engineering; Computing methodologies; Expert systems; Taxonomy structures</p>
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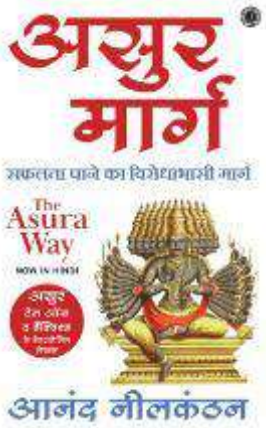

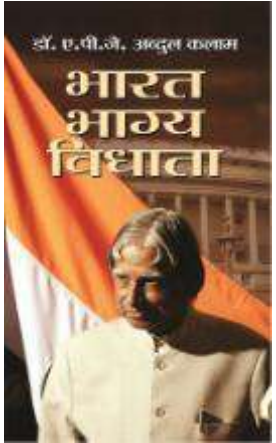
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70		<p>Future of work AI in HR: the paradigm shift by Sreejith Sreedharan, Chandigarh: White Falcon Publishing, 2024. xviii, 217 p.,</p> <p>ISBN: 9789360133474</p> <p>Subject Terms: AI chatbots; Predicting employee; Pervasive AI; Network analysis; Blockchain revolution</p>
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71		<p>Quantum computing and techniques : theory and practice by Rajiv Chopra, New Delhi: Khanna Book Publishing, 2025. xvi, 370 p,</p> <p>Includes index (P. 365-370)</p> <p>ISBN: 9789355384232</p> <p>Subject Terms: Quantum circuits design; Quantum algorithms; Quantum error correction; Quantum cryptography</p>
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72		<p>Solar crop drying by Mahendra S. Sodha... (et al.), Boca Raton: CRC press, 1987. 141 p.,</p> <p>Includes index (p. 139-141)</p> <p>ISBN: 0849368839</p> <p>Subject Terms: World agriculture; Drying parameters; Flow over absorber; P.D.E. models; Recycling process</p>
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Hindi Cell

73		<p>5 AM Club (5 AM क्लब): pratahkaal ko apna banayein unnat jeevan payein (प्रातःकाल को अपना बनायें उन्नत जीवन पायें) by Robin Sharma, Mumbai: Jaico Publishing House, 2024. 255 p.,</p> <p>ISBN: 9789389305012</p> <p>Subject Terms: Time management; Productivity; Self-discipline; Personal development; Success</p> <p>H 159.947.3 SHA-F</p> <p>Barcode: H300; CL</p> <p>Click here for details.</p>
74		<p>Aasman se oonchi udaan (आसमान से ऊँची उड़ान): yuvao ke liye Dr. Kalam ka success path (युवाओं के लिए डॉक्टर कलम का सक्सेस पाठ) by A. P. J. Abdul Kalam, New Delhi: Prabhat Prakashan, 2024. 192 p.,</p> <p>ISBN: 9789390923502</p> <p>Subject Terms: Hard work and determination; Leadership and vision; Values and ethics; Education and knowledge; Inspiration and motivation</p> <p>H 316.628 KAL-A</p> <p>Barcode: H329; CL</p> <p>Click here for details.</p>
75		<p>Albert Einstein (अल्बर्ट आइन्स्टाइन): ek jeevani (एक जीवनी) by Alice Calaprice, Mumbai: Jaico Publishing House, 2013. xxv, 271 p.,</p> <p>ISBN: 9788184953503</p> <p>Subject Terms: Scientist; Nobel price; Theory of relativity; Genius Physicist; Biography</p> <p>H 929 EIN CAL-A</p> <p>Barcode: H287; CL</p> <p>Click here for details.</p>
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77		<p>Apne har vichar par na karein vishwas (अपने हर विचार पर न करें विश्वास): Apka sochna hi aapke dukh ka karan aur nivarad hain (आपका सोचना ही आपके दुख का कारण और निवारण है) by Joseph, Nguyen, Bhopal: Manjul Publishing House, 2024. 138 p.,</p> <p>ISBN: 9789355432070</p> <p>Subject Terms: Living without overthinking; Positive thinking techniques; Identifying sources of stress; Emotional regulation; Thoughts and reality</p> <p>H 159.955 NGU-A</p> <p>Barcode: H327; HC</p> <p>Click here for details.</p>
78		<p>Art of war (आर्ट ऑफ़ वॉर) by Sun Tzu, Bhopal: Manjul Publishing House, 2024. 113 p.,</p> <p>ISBN: 9789355431509</p> <p>Subject Terms: Strategic planning; Resource management; Divide and conquer; Unity of command; Control the battlefield</p> <p>H 355.4 TZU-A</p> <p>Barcode: H328; HC</p> <p>Click here for details.</p>

79		<p>Asur Way (असुर मार्ग): safalta pane ka virodhabhasi marg (सफलता पाने का विरोधाभासी मार्ग) by Anand Neelakantan, Mumbai: Jaico Publishing House, 2024. xii, 188 p.,</p> <p>ISBN: 9788197275296</p> <p>Subject Terms: Indian mythology; Self-realization; Asur philosophy; Literature; Spirituality</p> <p>H 17.024.4 NEE-A</p> <p>Barcode: H288; CL</p> <p>Click here for details.</p>
80		<p>Bhagvad Gita (भगवद्गीता): jeevan ka sar saral shabdo mein (जीवन का सार सरल शब्दों में) by Sudhir Dixit, Bhopal: Manjul Publishing House, 2024. 171 p.,</p> <p>ISBN: 9789355435446</p> <p>Subject Terms: Path of selfless action; Path of knowledge; Role of Arjuna; Righteous duty; God's infinite form</p> <p>H 233-265.34 DIX-B</p> <p>Barcode: H323; CL</p> <p>Click here for details.</p>
81		<p>Bharat bhagya vidhata (भारत भाग्य विधाता) by A. P. J. Abdul Kalam, New Delhi: Prabhat Prakashan, 2024. 152 p.,</p> <p>ISBN: 9789350489970</p> <p>Subject Terms: Inclusive development; Vision for new India; Creative leadership; Right to information; Impact of corruption</p> <p>H 316.42(540) KAL-B</p> <p>Barcode: H341; CL</p> <p>Click here for details.</p>
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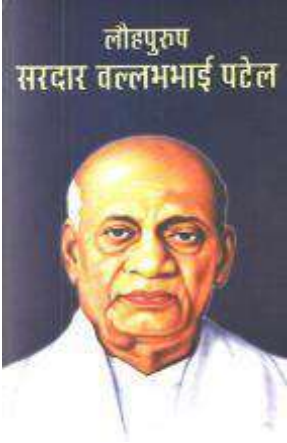

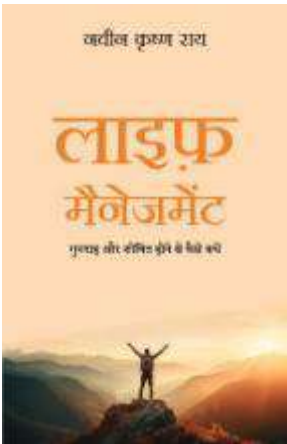
82		<p>Chanakya neeti (चाणक्य नीति): safalta ki rannitiyan (सफलता की रणनीतियाँ) by Radhakrishnan Pillai, Mumbai: Jaico Publication House, 2023. x, 237 p., ISBN: 9788119153497</p> <p>Subject Terms: Spiritual knowledge; Worldly knowledge; Interpersonal relationship; Time perception; Acquire knowledge</p> <p>H 316.46 PIL-C</p> <p>Barcode: H289; CL</p> <p>Click here for details.</p>
83		<p>Chhua aasman (छुआ आसमान): atmkatha (आत्मकथा) by A. P. J. Abdul Kalam, Bhopal: Manjul Publishing, 2022. 125 p., ISBN: 9788183221467</p> <p>Subject Terms: Role of education; Nation building; Vision and philosophy; Scientific leadership; Inspirational lessons</p> <p>H 929KAL KAL-C</p> <p>Barcode: H325; CL</p> <p>Click here for details.</p>
84		<p>Chinta chhodo sukhh se jiyo (चिंता छोड़ो सुख से जियो) by Dale Carnegie, Bhopal: Manjul Publishing House, 2024. 372 p., ISBN: 9788183227438</p> <p>Subject Terms: Stress management; Positive thinking; Mindfulness; Personal development; Healthy relationships</p> <p>H 159.944.4 CAR-C</p> <p>Barcode: H324; CL</p> <p>Click here for details.</p>

85		<p>Covid-19 (कोविड -19): sabhyata ka sankat aur samadhan (सभ्यता का संकट और समाधान) by Kailash Satyarthi, New Delhi: Prabhat Prakashan, 2023. 128 p., ISBN: 9789390366965</p> <p>Subject Terms: Social responsibility; Health systems and preparedness; Social and economic crisis; Mental health and well-being; Education challenges</p> <p>H 616-036.21 SAT-C</p> <p>Barcode: H330; CL</p> <p>Click here for details.</p>
86		<p>Diary of a young girl (डायरी ऑफ़ ए यंग गर्ल) by Anne Frank, Bhopal: Manjul Publishing House, 2024. 282 p., ISBN: 9788183227797</p> <p>Subject Terms: Parent-child relationship; Fear and uncertainty; Anti-semitism; Love and relationship; Emotional growth</p> <p>H 82-94 FRA-D</p> <p>Barcode: H320; CL</p> <p>Click here for details.</p>
87		<p>Ek vaigyanik ki aatmakatha (एक वैज्ञानिक की आत्मकथा) by C.N.R. Rao, New Delhi: Prabhat Paperbacks, 2018. 232 p., ISBN: 9789353220686</p> <p>Subject Terms: Youth and science; Scientific legacy; Importance of science in life; Vision for future scientist; Challenges and innovation</p> <p>H 929RAO RAO-E</p> <p>Barcode: H331; CL</p> <p>Click here for details.</p>

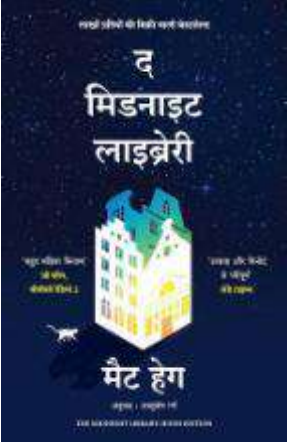
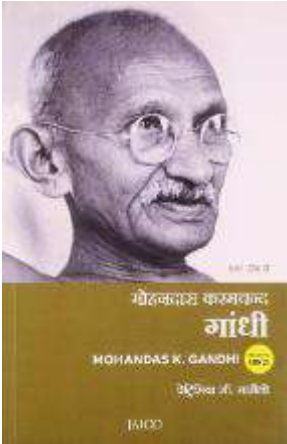
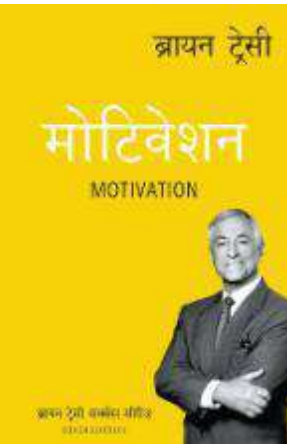
88		<p>Everest girl (एवरेस्ट गर्ल) by Brijesh Rajput, Bhopal: Manjul Publishing House, 2024. 171 p., ISBN: 9789355433114</p> <p>Subject Terms: Perseverance and Determination; Passion for mountaineering; Physical and mental endurance; Inspirational story; Nature and challenges</p> <p>H 929PAR RAJ-E</p> <p>Barcode: H321; CL</p> <p>Click here for details.</p>
89		<p>Everyday hero manifesto (एवरीडे हीरो मैनिफेस्टो): niji nayaktva ka safar (निजी नायकत्व का सफर) by Robin Sharma, Mumbai: Jaico Publishing House, 2022. 344 p., ISBN: 9789391019457</p> <p>Subject Terms: Self-development; Mental strength; Superhuman; Heroism; Positive impact</p> <p>H 159.923.2 SHA-E</p> <p>Barcode: H290; CL</p> <p>Click here for details.</p>
90		<p>Gitanjali (गीतांजलि) by Rabindranath Tagore, New Delhi: Vidya Vihar, 2024. 118 p., ISBN: 9789380186054</p> <p>Subject Terms: Devotion; Gratitude; Spirituality; Divine love; Prayer and worship</p> <p>H 82-145 TAG-G</p> <p>Barcode: H332; CL</p> <p>Click here for details.</p>
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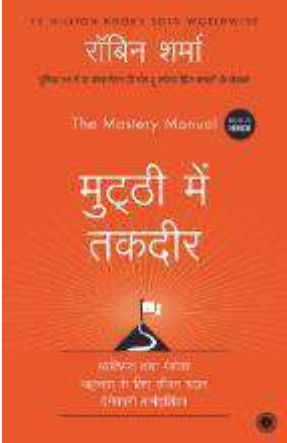
91		<p>Haar nahin manungi (हार नहीं मानूँगी) by Maithilisharan Gupta, Gurugram: Hind Pocket Books, 2022. xxvii, 404 p., ISBN: 9780143456087 Subject Terms: Novel; Story; Characters; Theme; Literature</p> <p>H 82-1 GUP-H</p> <p>Barcode: H306; CL</p> <p>Click here for details.</p>
92		<p>Homi Jahangir Bhabha (होमी जहाँगीर भाभा) by Ganeshan Venkatraman, New Delhi: Prabhat Prakashan, 2023. 246 p., Includes index (p. 242-245) ISBN: 9788173156366 Subject Terms: Early life and education; Scientific contribution; Electron-Positron interaction; Elementary particles; Cosmic rays</p> <p>H 929BHA VEN-H</p> <p>Barcode: H333; CL</p> <p>Click here for details.</p>
93		<p>Hunkar (हुंकार) by Ramdhari Singh Dinkar, Patna: Lokbharti Prakashan, 2023. 109 p., ISBN: 9789389243000 Subject Terms: Indian poetry; Hindi literature; Inspirational literature; Motivation; Personal development</p> <p>H 82-1 SIN-H</p> <p>Barcode: H304; CL</p> <p>Click here for details.</p>


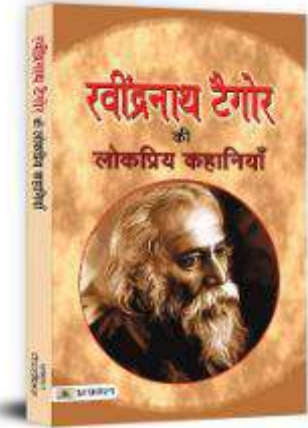
94		<p>Is prakar Chankya bole (इस प्रकार चाणक्य बोले): dainik prerna ke liye prachin vivek (दैनिक प्रेरणा के लिए प्राचीन विवेक) by Radhakrishnan Pillai, Mumbai: Jaico Publishing House, 2024. 194 p., ISBN: 9789387944527</p> <p>Subject Terms: Politics; Leadership; Philosophy; Strategy; Ancient wisdom</p> <p>H 316.46 PIL-I</p> <p>Barcode: H291; CL</p> <p>Click here for details.</p>
95		<p>Kali ka uday (कलि का उदय): duryodhan ki mahabharat (दुर्योधन की महाभारत) by Anand Neelakantan (अजेय कौरव वंश की महागाथा - भाग 2), Bhopal: Manjul Publishing House, 2018. 460 p., ISBN: 9788183227568</p> <p>Subject Terms: War and strength; Power and responsibility; Justice and revenge; Youthful ambition; The tragic hero</p> <p>H 233-265.33 NEI-K</p> <p>Barcode: H322; HC</p> <p>Click here for details.</p>
96		<p>Kashi Ka assi (काशी का अस्सी) by Kashinath Singh, New Delhi: Rajkamal Paperbacks, 2024. 171 p., ISBN: 9788126711468</p> <p>Subject Terms: Hindu-Muslim relation; Religious festivals; Social harmony; Local politics; Unfiltered conversations</p> <p>H 82-32 SIN-K</p> <p>Barcode: H307; CL</p> <p>Click here for details.</p>

97		<p>Lauh Purush Sardar Vallabhbhai Patel (लौहपुरुष सरदार वल्लभभाई पटेल) by Sushil Kapoor, New Delhi: Prabhat Prakashan, 2024. 151 p., ISBN: 9789350484081</p> <p>Subject Terms: Freedom struggle; Unity of India; Public service; Tilak rule; Sardar Patel's thoughts</p> <p>H 929PAT KAP-L</p> <p>Barcode: H334; CL</p> <p>Click here for details.</p>
98		<p>Laws of human nature (लॉज़ ऑफ़ ह्यूमन नेचर) by Robert Greene, Bhopal: Manjul Publishing House, 2024. 343 p., ISBN: 9789355433923</p> <p>Subject Terms: Emotional intelligence; The supreme desire; Keys to human nature; Social influence and manipulation; Self mastery and growth</p> <p>H 17.021.1 GRE-C</p> <p>Barcode: H319; CL</p> <p>Click here for details.</p>
99		<p>Life management (लाइफ़ मैनेजमेंट): gumrah aur shoshit hone se kaise bachein (गुमराह और शोषित होने से कैसे बचें) by Naveen Krishna Rai, Bhopal: Manjul Publishing House, 2024. 275 p., ISBN: 9789355435019</p> <p>Subject Terms: Mindset shift; Decision making; Success strategies; Trust building; Feeling valued</p> <p>H 159.956.2 RAI-L</p> <p>Barcode: H317; CL</p> <p>Click here for details.</p>

100		<p>Lok vyavhar (लोक व्यवहार): prabhavshali vyaktitva ki kala (प्रभावशाली व्यक्तित्व की कला) by Dale Carnegie, Bhopal: Manjul Publishing House, 2024. 350 p., ISBN: 9788183227421</p> <p>Subject Terms: Social skills; Active listening; Influential conversation; Sincere trust; Positive reinforcement</p> <p>H 177.7 CAR-L</p> <p>Barcode: H318; CL</p> <p>Click here for details.</p>
101		<p>Maktub (मकतूब) by Paulo Coelho, Bhopal: Manjul Publishing House, 2024. 205 p., ISBN: 9789355435910</p> <p>Subject Terms: Moral values; Mental strength; Truth and wisdom; Personal growth; Inner peace</p> <p>H 82-32 COE-M</p> <p>Barcode: H314; CL</p> <p>Click here for details.</p>
102		<p>Mera Bharat (मेरा भारत) by A.P.J. Abdul Kalam, New Delhi: Prabhat Prakashan, 2023. 197 p., ISBN: 9789351869597</p> <p>Subject Terms: Life lesson; Innovation and technology; Youth and determination; Power of education; Nation-building</p> <p>H 17.023.36(540) KAL-M</p> <p>Barcode: H335; CL</p> <p>Click here for details.</p>
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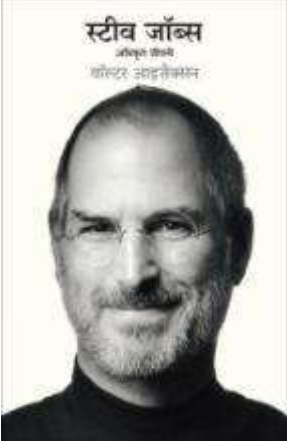

103		<p>Midnight library (मिडनाइट लाइब्रेरी) by Matt Haig, Bhopal: Manjul Publishing House, 2024. 285 p.,</p> <p>ISBN: 9789355439000</p> <p>Subject Terms: Library of infinite possibilities; Purpose of life; Emotional healing; Family relationship; Mindfulness</p> <p>H 82-31 HAI-M</p> <p>Barcode: H315; CL</p> <p>Click here for details.</p>
104		<p>Mohandas Karamchand Gandhi (मोहनदास करमचंद गाँधी): ek jeevani (एक जीवनी) by Patricia Cronin Marcello, Mumbai: Jaico Publishing House, 2013. vi, 201 p.,</p> <p>ISBN: 9788184954814</p> <p>Subject Terms: Independence; Non-Violence; Freedom fighter; Civil disobedience; Peaceful protest</p> <p>H 929GAN MAR-M</p> <p>Barcode: H292; CL</p> <p>Click here for details.</p>
105		<p>Motivation (मोटिवेशन) by Brian Tracy, Bhopal: Manjul Publishing House, 2022. 125 p.,</p> <p>ISBN: 9789389143706</p> <p>Subject Terms: Success mindset; Goal setting; Education for success; Learning from failure; Prioritization</p> <p>H 159.947.3 TRA-M</p> <p>Barcode: H316; CL</p> <p>Click here for details.</p>

106		<p>Mutthi me taqdeer (मुट्ठी में तकदीर): vyaktigat tatha peshewar mahanata ke liya jeewan badal dene wali margdarshika (व्यक्तिगत तथा पेशेवर महानता के लिए जीवन बादल देने वाली मार्गदर्शिका) by Robin Sharma, Mumbai: Jaico Publishing House, 2017. 176 p.,</p> <p>ISBN: 9788184958324</p> <p>Subject Terms: Lifelong learner; Leadership skills; Time management; Success principles; Work-life balance</p> <p>H 159.923.5 SHA-M</p> <p>Barcode: H293; CL</p> <p>Click here for details.</p>
107		<p>Netratv (नेतृत्व): shikhar ki dagar (शिखर की डगर) by Robin Sharma, Mumbai: Jaico Publishing House, 2019. 266 p.,</p> <p>ISBN: 9788184957747</p> <p>Subject Terms: Corporate warrior; Leadership vision; Custom of human relationship; Traditional creativity and innovation; Custom of self-leadership</p> <p>H 316.46 SHA-N</p> <p>Barcode: H294; CL</p> <p>Click here for details.</p>
108		<p>October junction (अक्टूबर जंक्शन) by Divya Prakash Dubey, Noida: Hind Yugm, 2024. 150 p.,</p> <p>ISBN: 9789387464407</p> <p>Subject Terms: Friendship and love; Travel and exploration; Emotions and nostalgia; Self-discovery; Midlife reflections</p> <p>H 821.214.21 DUB-O</p> <p>Barcode: H302; CL</p> <p>Click here for details.</p>

109		<p>Pariwarik safalta ke soothr (पारिवारिक सफलता के सूत्र) by Robin Sharma, Mumbai: Jaico Publishing House, 2023. 176 p.,</p> <p>ISBN: 9788184953916</p> <p>Subject Terms: Family relationships; Success; Family wisdom; Personal development; Leadership</p>
		H 159.923.2 SHA-P
		Barcode: H295; CL
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110		<p>Ratan Tata (रतन टाटा): ek prakash stambh (एक प्रकाश स्तंभ) by Shantanu Naidu, Bhopal: Manjul Publishing House, 2024. 217 p.,</p> <p>ISBN: 9789355430540</p> <p>Subject Terms: Mentorship; Life lessons; Empathy; Compassion; Business icon</p>
		H 929TAT NAI-R
		Barcode: H311; CL
		Click here for details.
111		<p>Ravindranath Tagore ki lokpriya kahaniyan (रवींद्रनाथ टैगोर की लोकप्रिय कहानियाँ) by Ravindranath Tagore, New Delhi: Prabhat Paperbacks, 2020. 160 p.,</p> <p>ISBN: 9789350480915</p> <p>Subject Terms: The value of love; The lost pearl; The skeleton; Kabuliwala; The gift of wealth</p>
		H 82-32 TAG-R
		Barcode: H336; CL
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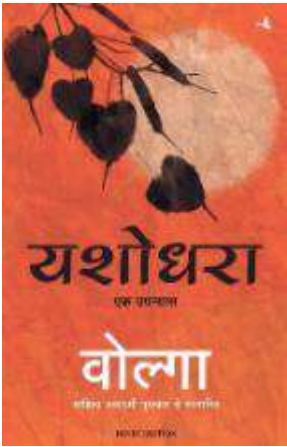
112		<p>Sabse badhkar ek bhartiye A. P. J. Abdul Kalam (सबसे बढ़कर एक भारतीय ए. पी. जे. अब्दुल कलाम): ek jeevan (एक जीवन) by Arun Tiwari, Bhopal: Manjul Publishing House, 2024. 494 p.,</p> <p>ISBN: 9788183227506</p> <p>Subject Terms: Modern human; Service and development; Self-development; Effort and perseverance; Dynamic progress</p> <p>H 929KAL TIW-A</p> <p>Barcode: H326; CL</p> <p>Click here for details.</p>
113		<p>Safalta ka gurugyan (सफलता का गुरुज्ञान): Jeevan me sampannta ki dainik yuktiyan (जीवन में सम्पन्नता की दैनिक युक्तियाँ) by Dan Lier, Mumbai: Jaico Publishing House, 2014. x, 194 p.,</p> <p>ISBN: 9788184956283</p> <p>Subject Terms: Hindi book; Power of Victory; Motivation; Self-esteem; Self-improvement</p> <p>H 159.923.2 LIE-S</p> <p>Barcode: H297; CL</p> <p>Click here for details.</p>
114		<p>Samanya bimariyon ke liye prakritik chikitsa (सामान्य बीमारियों के लिए प्राकृतिक चिकित्सा): aahar se swasthyalabh (आहार से स्वास्थ्यलाभ) by H. K. Bakhru, Mumbai: Jaico Publishing House, 2017. xiv, 341 p.,</p> <p>ISBN: 9788184953176</p> <p>Subject Terms: Herbal medicine; Home remedies; Self-care; Holistic health; Naturopathy</p> <p>H 613.2 BAK-S</p> <p>Barcode: H298; CL</p> <p>Click here for details.</p>

115		<p>Sangram (संग्राम) by Premchand Munshi, Noida: Maple Press, 2024. 199 p., ISBN: 9788128400209</p> <p>Subject Terms: Human emotions; Struggle for identity; Social injustice; Class struggles; Moral strength</p> <p>H 82-2 PRE-S</p> <p>Barcode: H308; CL</p> <p>Click here for details.</p>
116		<p>Sapanon ki roshani (सपनों की रोशनी) by Kailash Satyarthi, New Delhi: Prabhat Prakashan, 2024. 184 p., ISBN: 9789355622662</p> <p>Subject Terms: Dreams; Self-Belief; Positive force; Activism; Untold stories</p> <p>H 159.947.5 SAT-S</p> <p>Barcode: H337; CL</p> <p>Click here for details.</p>
117		<p>Shastriji ke prerak prasang (शास्त्रीजी के प्रेरक प्रसंग) by Ranu Saini, New Delhi: Ocean books, 2022. 216 p., ISBN: 9788184305838</p> <p>Subject Terms: Inspirational stories; Motivational book; Leadership; Hindi book; Spirituality</p> <p>H 929SHA SAI-S</p> <p>Barcode: H301; CL</p> <p>Click here for details.</p>
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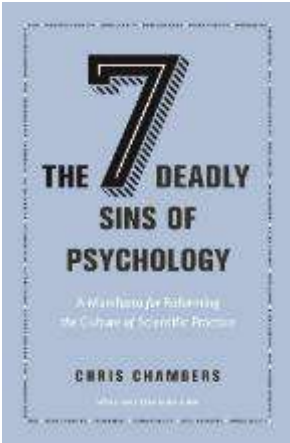
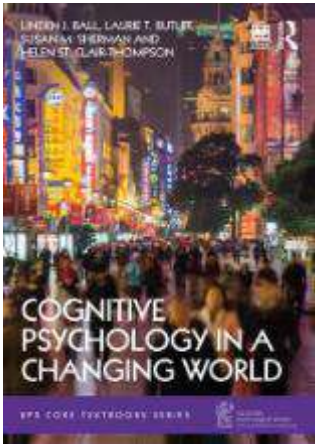
118		<p>Shreshth geet (श्रेष्ठ गीत) by Mahadevi Verma, Delhi: Rajpal and Sons, 2024. 155 p.,</p> <p>ISBN: 9789350641446</p> <p>Subject Terms: Motivational; Success; Psychology; Inspirational literature; Personal development</p> <p>H 82-1 VER-S</p> <p>Barcode: H303; CL</p> <p>Click here for details.</p>
119		<p>Steve Jobs (स्टीव जॉब्स) : adhikrit jeevani (अधिकृत जीवनी) by Walter Isaacson, Bhopal: Manjul Publishing House, 2024. xxii, 611 p.,</p> <p>ISBN: 9789355437754</p> <p>Subject Terms: Innovation; Leadership style; Perfectionism; Apple ecosystem; The think different campaign</p> <p>H 929JOB ISA-S</p> <p>Barcode: H312; CL</p> <p>Click here for details.</p>
120		<p>Safal samay prabandhan (सफल समय प्रबन्धन): shigra prabhav ki saral neetiyani (शीघ्र प्रभाव की सरल नीतियाँ) by Frank Atkinson, Mumbai: Jaico Publishing House, 2014. 211 p.,</p> <p>ISBN: 9788184955446</p> <p>Subject Terms: Tools of time management; Communication skills; Survival from disruptions; Overcoming procrastination; Decision making and focus</p> <p>H 658.53 ATK-S</p> <p>Barcode: H296; CL</p> <p>Click here for details.</p>

121		<p>Tejaswi man (तेजस्वी मन) : mahashakti bharat ki neev (महाशक्ति भारत की नींव) by A. P. J. Abdul Kalam, New Delhi: Prabhat Prakashan, 2024. 126 p.,</p> <p>ISBN: 9789351865421</p> <p>Subject Terms: Inspiration; Education; Dreams and ambition; Vision for India; Overcoming failures</p> <p>H 159.955.1 KAL-T</p> <p>Barcode: H338; CL</p> <p>Click here for details.</p>
122		<p>Veh sampatti jo dhan se nahin kharidi ja sakti (वह संपत्ति जो धन से नहीं खरीदी जा सकती) by Robin Sharma, Mumbai: Jaico Publishing House, 2024. xxvi, 394 p.,</p> <p>ISBN: 9789348098740</p> <p>Subject Terms: Inspiration; Motivation; Personal growth; Self-improvement; Spirituality</p> <p>H 159.955 SHA-W</p> <p>Barcode: H299; CL</p> <p>Click here for details.</p>
123		<p>Tipping point (टिप्पिंग पॉइंट) : chote badlavo se payein bade parinaam (छोटे बदलावों से पाएँ बड़े परिणाम) by Malcom Gladwell, Bhopal: Manjul Publishing House, 2020. 230 p.,</p> <p>ISBN: 9789389647860</p> <p>Subject Terms: Salesman; Small changes, big impact; Social influence; Influencers; Psychology</p> <p>H 159.923 GLA-T</p> <p>Barcode: H313; CL</p> <p>Click here for details.</p>

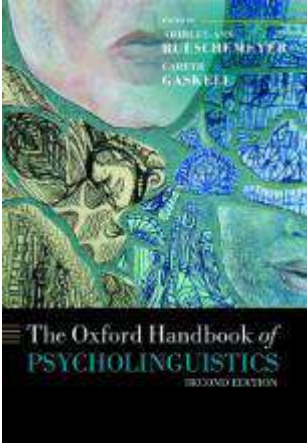
124		<p>Vaigyanik Bharat (वैज्ञानिक भारत) by A. P. J. Abdul Kalam and Y. Sunder Rajan, New Delhi: Prabhat Prakashan, 2024. 206 p., ISBN: 9789350481301</p> <p>Subject Terms: Space and technology; Earth and environment; Science and sustainability; Vision and development; Future of space research</p> <p>H 316.422.44(540) KAL-V</p> <p>Barcode: H339; CL</p> <p>Click here for details.</p>
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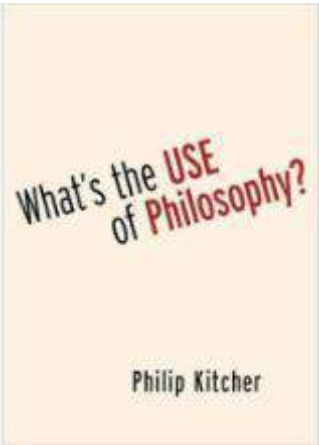
127		<p>Yashodhara (यशोधरा): ek upanayas (एक उपन्यास) by Volga, Bhopal: Manjul Publishing House, 2020. 153 p.,</p> <p>ISBN: 9789390085651</p> <p>Subject Terms: Self-realization; Emotional journey; Sacrifice; Finding peace; Women's role</p>
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Humanities & Social Sciences

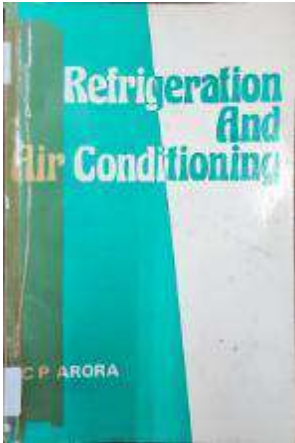
128		<p>7 deadly sins of psychology: a manifesto for reforming the culture of scientific practice by Chris Chambers, Princeton: Princeton University Press, 2019. xvi, 274 p.,</p> <p>Includes index (p. 263-274)</p> <p>ISBN: 9780691192277</p> <p>Subject Terms: Ghost hunting; Lack of power; Secret sharing; Counterargument; Roads to somewhere</p>
		159.9.015 CHA-S
		Barcode: 180400-180401; CL; HSS
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129		<p>Cognitive psychology in a changing world by Linden J. Ball...(et al.), London: Routledge, 2024. xvi, 729 p., BPS core textbooks series.</p> <p>Includes references and index (p. 631-729)</p> <p>ISBN: 9780367703516</p> <p>Subject Terms: Cognitive psychology; Cognitive science; Visual cognition; Behavioral sciences; Cognitive neuroscience</p>
		159.937:316.42 -COG
		Barcode: 180389-180390; CL; HSS
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130		<p>History of economic thought: a critical perspective by E. K. Hunt and Mark Lautzenheiser, 3rd ed., New York: CRC Press, 2017. xxiv, 579 p.,</p> <p>Includes index (p. 549-577)</p> <p>ISBN: 9781138300064</p> <p>Subject Terms: Economic theory and philosophy; Contemporary economics; Neoclassical economics; Economic ideas; Marxist economics</p> <p>330.113.4 HUN-H</p> <p>Barcode: 180319-180320; CL; HSS</p> <p>Click here for details.</p>
131		<p>Mathematics for economics and finance: methods and marketing by Martin Anthony, 2nd ed., New York: Cambridge University Press, 2024. xi, 421 p.,</p> <p>Includes index (416-421)</p> <p>ISBN: 9781108459433</p> <p>Subject Terms: Microeconomics applications; Techniques of integration; Business mathematics; Economics - mathematical models; Inverse matrices</p> <p>330.4 ANT-M</p> <p>Barcode: 180321; CL</p> <p>Click here for details.</p>
132		<p>Methods and skills for philosophy: an advanced guide by Jesper Kallestrup, Oxon: Routledge, 2025. xv, 229 p.,</p> <p>Includes bibliography and index (p. 206-229)</p> <p>ISBN: 9781138818521</p> <p>Subject Terms: Language phillosophy; Conceptual analysis; Reduction and causation; Argumentative heuristics; Naturalising philosophy</p> <p>101.8 KAL-M</p> <p>Barcode: 180317-180318; CL; HSS</p> <p>Click here for details.</p>

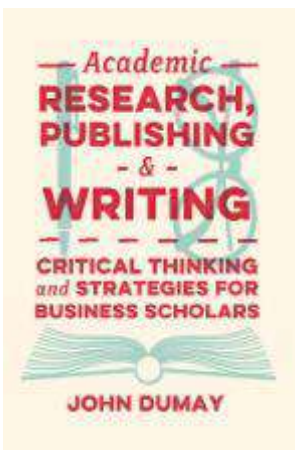
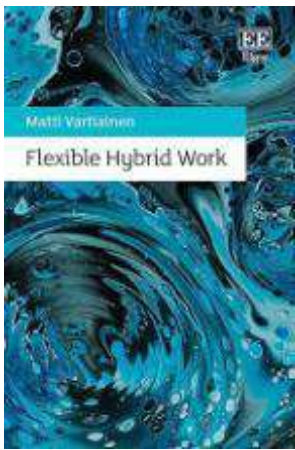
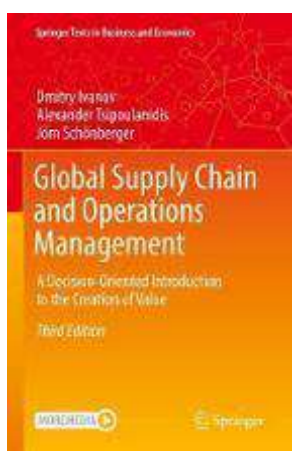
133		<p>Oxford handbook of psycholinguistics edited by Rueschemeyer Shirley-Ann and M. Gareth Gaskell, 2nd ed., Oxford: Oxford University Press, 2018. xx,1054 p.,</p> <p>Includes index (p. 1011-1054)</p> <p>ISBN: 9780198786825</p> <p>Subject Terms: Language psychology; Language study; Linguistics; Language disorders; Speech processing</p> <p>RL-HB 159.9:81 -OXF</p> <p>Barcode: 180402-180403; CL; HSS</p> <p>Click here for details.</p>
134		<p>Philosophy of nature: rethinking naturalness by Svein Anders Noer Lie, Abingdon: Routledge, 2016. xx, 220 p., Routledge explorations in environmental studies.</p> <p>Includes index (p. 217-220)</p> <p>ISBN: 9780815355564</p> <p>Subject Terms: Environmental policy; Aristotle; Philosophy of science; Environmental Politics; Sustainable development</p> <p>113 LTE-P</p> <p>Barcode: 180443; CL</p> <p>Click here for details.</p>
135		<p>Philosophy of philosophy by Timothy Williamson, 2nd ed., Hoboken: Wiley-Blackwell, 2022. xxxvii, 642 p.,</p> <p>Includes bibliography and index (p. 598-642)</p> <p>ISBN: 9781119616689</p> <p>Subject Terms: History - Philosophy; Philosophy - Methodology; Social sciences - Philosophy; Metaphilosophy; Naturalism</p> <p>101.1 WIL-P</p> <p>Barcode: 180363; CL</p> <p>Click here for details.</p>
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136	 <p>SEXUALITY, ABJECTION AND QUEER EXISTENCE IN CONTEMPORARY INDIA Edited by Pushpesh Kumar</p>	<p>Sexuality, abjection and queer existence in contemporary India edited by Pushpesh Kumar, Oxon: CRC Press, 2022. xv,256 p.,</p> <p>Includes index (p. 251-256)</p> <p>ISBN: 9781032203607</p> <p>Subject Terms: Sociology; Sexuality - Gender studies; Development Studies; Social work; Glimpses from contemporary queer in India</p>
		316.83(540)-SEX
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137	 <p>Streaming Sounds Musical Listening in the Digital Age MICHAEL JAMES WALSH</p>	<p>Streaming sounds: musical listening in the digital age by Michael James Walsh, New York: Routledge, 2024. xi, 168 p., Sound in urban and popular culture.</p> <p>Includes index (p. 164-168)</p> <p>ISBN: 9781032226163</p> <p>Subject Terms: Social media convergence; Safeguarding user-made playlists; Quantifying music listening and spotify wrapped; Sharing music streaming activity; Rise of lo-fi chill and work activity</p>
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		Barcode: 180406; CL
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138	 <p>What's the USE of Philosophy? Philip Kitcher</p>	<p>What's the use of philosophy? by Philip Kitcher, New York: Oxford University Press, 2022. xvi, 192 p.,</p> <p>Includes reference (p. 185-192)</p> <p>ISBN: 9780197657249</p> <p>Subject Terms: Purpose of philosophy; Social issues; Ethical reasoning; Critical thinking; Intellectual philosophy</p>
		101 KIT-W
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140		<p>Photovoltaic systems by N. K. Bansal, New Delhi: Omega Scientific Publishers, 2003. 76p.,</p> <p>ISBN: 8190129600</p> <p>Subject Terms: Solar cell; Solar power system; Application of photovoltaic system; Quality control and system testing; Sun as the energy source</p> <p>621.383.51 BAN-P</p> <p>Barcode: G24063; CL</p> <p>Click here for details.</p>
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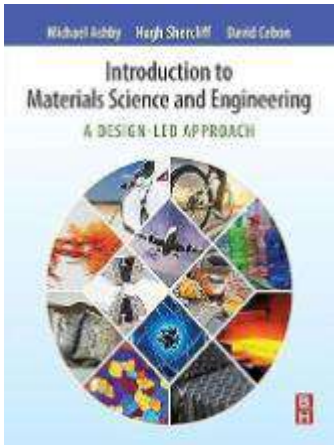
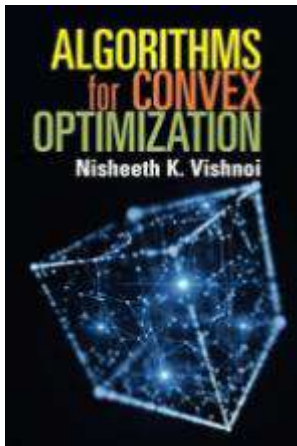
Management Studies

142		<p>Academic research, publishing and writing: critical thinking and strategies for business scholars by John Dumay, Leeds: Emerald Publishing, 2024. xviii, 141 p.,</p> <p>Includes index (p. 135-141)</p> <p>ISBN: 9781800712911</p> <p>Subject Terms: Critical thinking; Problem-solving; Academic writing; Business writing; Scholarly publishing</p>
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143		<p>Flexible hybrid work by Matti Vartiainen, Cheltenham: Edward Elgar Publishing, 2024. xii, 159 p.,</p> <p>Includes reference and index (p. 140-159)</p> <p>ISBN: 9781035320097</p> <p>Subject Terms: Flexibility paradigm; Hybrid work; Management and leadership; Future hybrid work; Telecommuting</p>
		331.101.5 VAR-F
		Barcode: 180392; CL
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144		<p>Global supply chain and operations management: a decision-oriented introduction to the creation of value by Dmitry Ivanov, Alexander Tsipoulanis and Jorn Schonberger, 3rd ed., Cham: Springer, 2021. xxxvi, 673p., Springer texts in business and economics.</p> <p>Includes index (p.667-673)</p> <p>ISBN: 9783030723309</p> <p>Subject Terms: Decision making; Operations management; Demand forecasting; Production management; Routing and scheduling</p>
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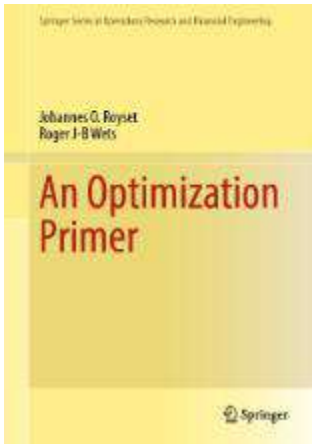
145		<p>Introduction to operations management by Miller Finn, New York: Larsen and Keller, 2020. viii, 249 p.,</p> <p>ISBN: 9781641724548</p> <p>Subject Terms: Production management; Inventory management; Total quality management; Six sigma; Lean manufacturing</p>
		658.562 MIL-I
		Barcode: 180339; CL
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147		<p>Project management: planning and scheduling techniques by Vijay Kumar Bansal, Oxon: Routledge, 2024. xv, 268 p.,</p> <p>Includes bibliography and index (p. 265-268)</p> <p>ISBN: 9781032549378</p> <p>Subject Terms: Work breakdown structure; Development of networks; Crashing time-cost tradeoff; Project control and updating; Line of balance for repetitive projects</p>
		658.5:005.8 BAN-P
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148		<p>Research handbook on social media and society edited by Marko M. Skoric and Natalie Pang, Cheltenham: Edward Elgar Publishing, 2024. xxiii, 310 p.,</p> <p>Includes index (p. 303-310)</p> <p>ISBN: 9781800377042</p> <p>Subject Terms: Communication and technology; Technology and civilization; Digital culture; Online identity; Digital citizenship</p>
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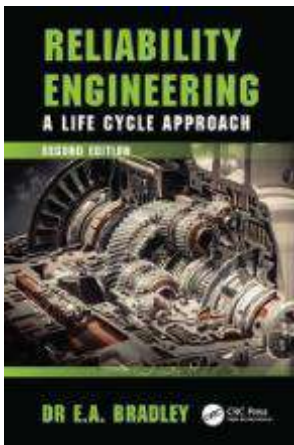
Materials Science & Engineering

149		<p>Introduction to materials science and engineering: a design-led approach by Michael Ashby, Hugh Shercliff and David Cebon, Oxford: Elsevier, 2024. v.p.,</p> <p>Includes index (p. I-2-I20)</p> <p>ISBN: 9780081023990</p> <p>Subject Terms: Plasticity; Fracture-limited application; Materials at high temperature; Functional properties; Polymer and composite processing</p>
		620.1 ASH-I
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150		<p>Algorithms for convex optimization by Nisheeth K. Vishnoi, New York: Cambridge University Press, 2021. xvi, 323 p.,</p> <p>Includes bibliography and index (p. 310-323)</p> <p>ISBN: 9781108741774</p> <p>Subject Terms: Convex functions; Convex programming; Gradient descent; Newton's method; Ellipsoid method</p>
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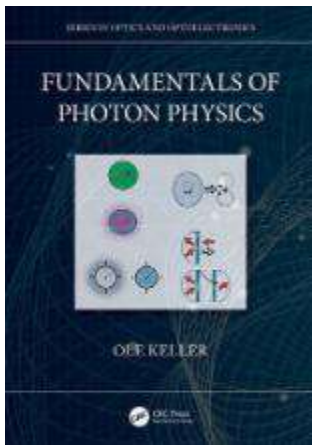
151		<p>Fundamentals of convex analysis and optimization: a supremum function approach by, Rafael Correa, Abderrahim Hantoute and Marco A. Lopez, Cham: Springer, 2023. xiii, 444 p., Springer series in operations research and financial engineering.</p> <p>Includes bibliography and index (p. 431-444)</p> <p>ISBN: 9783031295508</p> <p>Subject Terms: Convex functions; Functional analysis; Convexification processes; Conjugation theory; Compactification approach</p> <p>519.863:514.17 COR-F</p> <p>Barcode: 180353; CL</p> <p>Click here for details.</p>
152		<p>Fundamentals of mathematical statistics by Steffen Lauritzen, Oxon: CRC Press, 2023. xiii, 244 p., Texts in statistical science.</p> <p>Includes bibliography and index (p. 237-244)</p> <p>ISBN: 9781032223827</p> <p>Subject Terms: Statistical models; Exponential families; Asymptotic theory; Significance testing; Models for tables of counts</p> <p>519.2 LAU-F</p> <p>Barcode: 180354; CL</p> <p>Click here for details.</p>
153		<p>Gaussian measures in finite and infinite dimensions by Daniel W. Stroock, Cham: Springer, 2023. xii, 144 p., Universitext.</p> <p>Includes references and index (p. 141-144)</p> <p>ISBN: 9783031231216</p> <p>Subject Terms: Fernique's theorem; Gaussian spectral properties; Wiener spaces; Gaussian families; Banach space</p> <p>519.218.7 STR-G</p> <p>Barcode: 180346-180347; CL; MA</p> <p>Click here for details.</p>
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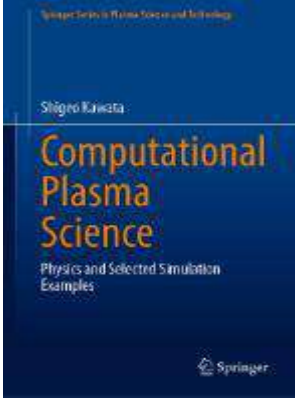
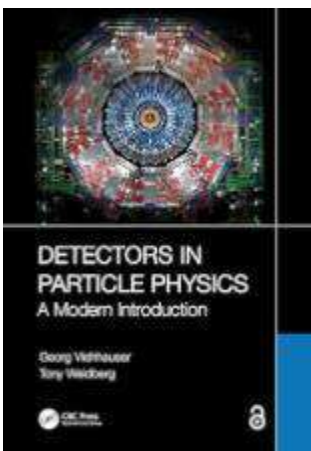
Mechanical Engineering

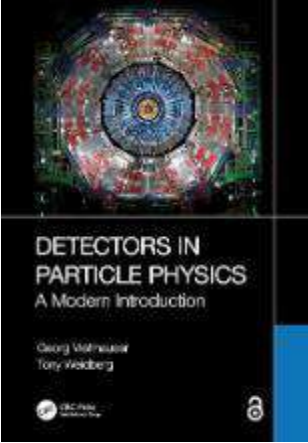
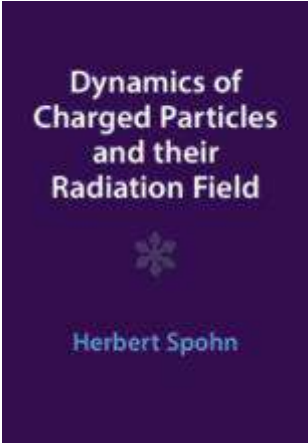
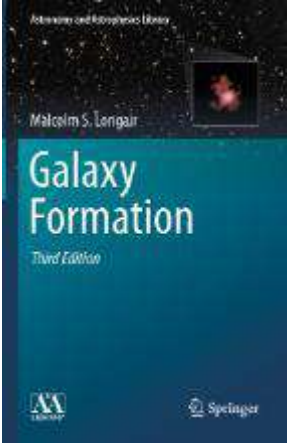
155		<p>Reliability engineering: a life cycle approach by Edgar Bradley, 2nd ed., Boca Raton: CRC Press, 2023. xxiv, 414 p.,</p> <p>Includes reference and index (p. 404-414)</p> <p>ISBN: 9781032353371</p> <p>Subject Terms: Correlation coefficient; Norman distribution; Reliability fundamentals; Maintenance optimisation; Condition monitoring</p>
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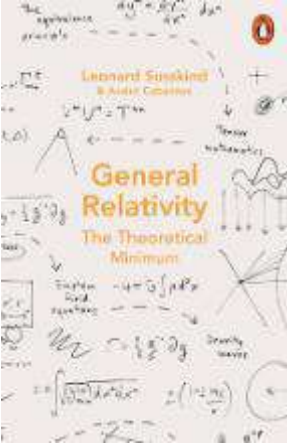
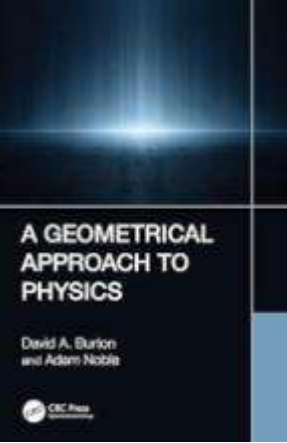
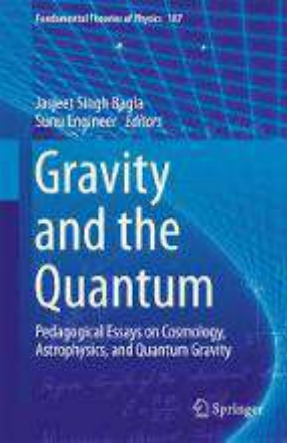
Optics and Photonics

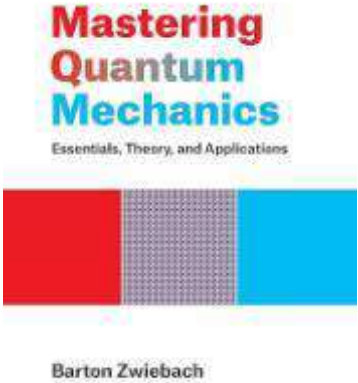
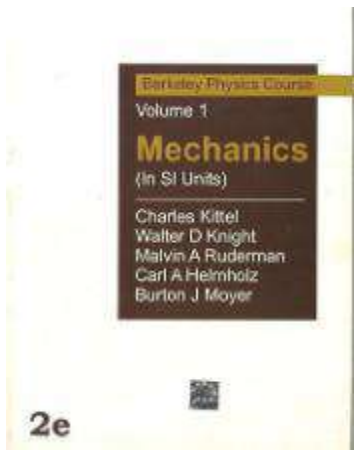
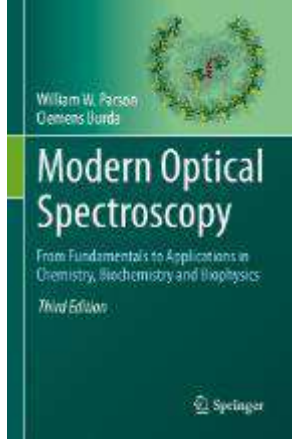
156		<p>Fundamentals of photon physics by Ole Keller, Boca Raton: CRC Press, 2025. xxxiii, 525 p., Series in optics and optoelectronics.</p> <p>Includes bibliography and index (p. 499-525)</p> <p>ISBN: 9780367457266</p> <p>Subject Terms: Optics and optoelectronics.; Laser and optical engineering; Quantum mechanics; Electrical and electronic engineering; Cavity electrodynamics</p>
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Physics

157		<p>Computational plasma science: physics and selected simulation examples by Shigeo Kawata, Singapore: Springer, 2023. xiv, 294 p., Springer series in plasma science and technology.</p> <p>Includes index (p. 291-294)</p> <p>ISBN: 9789819911394</p> <p>Subject Terms: Numerical methods in plasma physics; Equations for electromagnetic field; Mathematical methods in plasma physics; Plasma instability; Single particle motion</p> <p>533.9 KAW-C</p> <p>Barcode: 180312; CL</p> <p>Click here for details.</p>
158		<p>Cosmology by Steven Weinberg, Oxford: Oxford University Press, 2019. xix, 593 p.,</p> <p>Includes index (p. 575-593)</p> <p>ISBN: 9780198845287</p> <p>Subject Terms: Spacetime geometry; Equilibrium era; Thermal history; Slow-roll inflation; Tensor perturbations</p> <p>524.8 WEI-C</p> <p>Barcode: 180384; CL</p> <p>Click here for details.</p>
159		<p>Detectors in particle physics: a modern introduction by Georg Viehhauser and Tony Weidberg, Boca Raton: CRC Press, 2024. x, 338 p.,</p> <p>Includes references and index (p. 307-338)</p> <p>ISBN: 9781032246581</p> <p>Subject Terms: Electronic noise; Electromagnetic fields and matter; Organic scintillators; Photon detection; Cherenkov detectors</p> <p>539.1.074 VIE-D</p> <p>Barcode: 180349; CL</p> <p>Click here for details.</p>

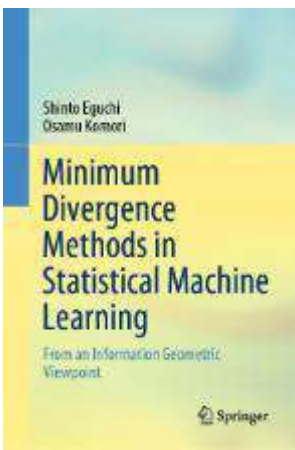
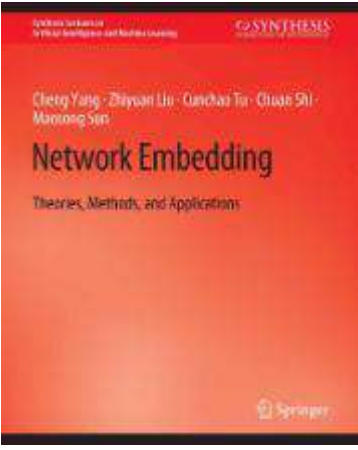
160		<p>Detectors in particle physics: a modern introduction by Georg Viehhauser and Tony Weidberg, Boca Raton: CRC Press, 2024. x, 338 p.,</p> <p>Includes references and index (p. 307-338)</p> <p>ISBN: 9781032246581</p> <p>Subject Terms: Electronic noise; Electromagnetic fields and matter; Organic scintillators; Photon detection; Cherenkov detectors</p>
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161		<p>Dynamics of charged particles and their radiation field by Herbert Spohn, Cambridge: Cambridge University Press, 2023. xvi, 360 p.,</p> <p>Includes reference and index (p. 339-360)</p> <p>ISBN: 9781009402231</p> <p>Subject Terms: Electromagnetic theory; Particles (Nuclear physics); Quantum electrodynamics; Waves and wave mechanics; Statistical mechanics</p>
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162		<p>Galaxy formation by Malcolm S. Longair, 3rd ed., Berlin: Springer, 2023. xxv, 772 p., Astronomy and astrophysics library.</p> <p>Includes index (p. 737-772)</p> <p>ISBN: 9783662658932</p> <p>Subject Terms: Cosmological models; Clusters of galaxies; Relativistic gravity; Friedman world models; Classical and quantum gravity</p>
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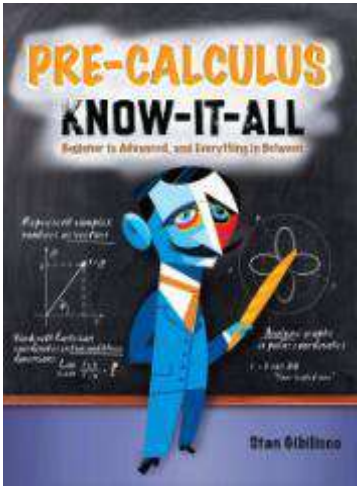
166		<p>Mastering quantum mechanics: essentials, theory and applications by Barton Zwiebach, Cambridge: MIT Press, 2022. xxiii, 1071 p.,</p> <p>Includes reference and index (p.1057-1071)</p> <p>ISBN: 9780262046138</p> <p>Subject Terms: Quantum superpositions; Schrodinger equation; Harmonic oscillator; Vector space and operators; Scattering in three dimensions</p>
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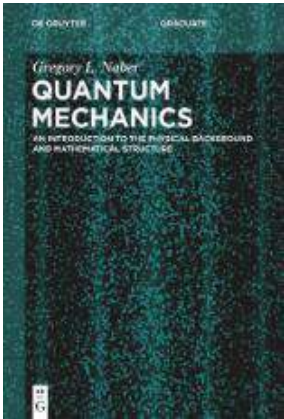
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Sensors Instrumentation & Cyber-Physical System Engineering

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Textile & Fibre Engineering

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Supervisor	:	Mishra, Saroj Kanta (Prof.) - CAS (Guide); Sahany, Sandeep (Scientist) - Centre for Climate Research, Singapore (Guide); Dubey,

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Department	:	Department of Humanities and Social Sciences, IITD
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Researcher	:	Shaw, Mahesh
Department	:	Department of Textile and Fibre Engineering, IITD
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Title	:	NOx operating cycle in pd/zeolites passive NOx adsorbers by Marvi Kaushik
Researcher	:	Kaushik, Marvi
Department	:	Department of Chemical Engineering, IITD
Year	:	2024
Supervisor	:	Bhatia, Divesh (Prof.) - CHE (Guide)
Physical description	:	xxxiv, 203 p.
Subject terms	:	Density functional theory; Selective catalytic reduction catalyst; Cold start emissions; Metal oxide based PNAs; Kinetic modelling
Barcode	:	TH7999
Call No.	:	TH 544.723.21 KAU-N
Title	:	Topological evolution, analysis and implementation of improved performance two-switch based buck-boost converters by Malay Ranjan

		Khuntia
Researcher	:	Khuntia, Malay Ranjan
Department	:	Department of Electrical Engineering, IITD
Year	:	2024
Supervisor	:	Veerachary, Mummadi (Prof.) - EE (Guide)
Physical description	:	xxii, 223 p.
Subject terms	:	Double buck boost gain converter; Two switch quadratic buck boost gain converters; QBBGC type 1 converter; Time domain analysis; Equivalent circuit analysis
Barcode	:	TH8000
Call No.	:	TH 621.314 KHU-T
Title	:	Experimental investigations and modeling on the sorptive removal of trace contaminants from coal derived syngas Dwijraj Prashant Mhatre
Researcher	:	Mhatre, Dwijraj Prashant
Department	:	Department of Chemical Engineering
Year	:	2024
Supervisor	:	Bhatia, Divesh (Prof.) - CHE (Guide)
Physical description	:	xliv, 349 p.
Subject terms	:	Metal oxides; Carbon based sorbents; Density functional theory; Segregation energy calculations; Bimetallic sorbents
Barcode	:	TH8001
Call No.	:	TH 662.764 MHA-E
Title	:	Harnessing light and non-covalent interactions to promote carbon-centered radical transformations by Vishal Jyoti Roy
Researcher	:	Roy, Vishal Jyoti
Department	:	Department of Chemistry
Year	:	2024
Supervisor	:	Roy, Sudipta Raha (Assoc. Prof.) - CHY (Guide)
Physical description	:	xxix, 270 p.

Subject terms	:	Photochemistry; Photocatalysis; Heterocyclic synthesis; Electron donor acceptor; Metal free synthesis
Barcode	:	TH8002
Call No.	:	TH 54.024 ROY-H
Title	:	Electrochemical and photochemical strategies for the activation of (sp ²)-H bond in small organic molecules by Partha Pratim Sen
Researcher	:	Sen, Partha Pratim
Department	:	Department of Chemistry
Year	:	2024
Supervisor	:	Roy, Sudipta Raha (Assoc. Prof.) - CHY (Guide)
Physical description	:	xxxii,454 p.
Subject terms	:	Electrochemical organic synthesis; Direct and indirect electrolysis; Electrochemical halogenation reactions; Photochemical energy transfer; Fluorescence quenching analysis
Barcode	:	TH8003
Call No.	:	TH 547'0 SEN-E
Title	:	Investigation of statistical and quantum features of partially coherent biphotons by Preeti Sharma
Researcher	:	Sharma, Preeti
Department	:	Department of Physics,IITD
Year	:	2024
Supervisor	:	Kanseri, Bhaskar (Assoc. Prof.) - PH (Guide)
Physical description	:	xx,157 p.
Subject terms	:	Spontaneous parametric down-conversion; Gaussian schell; Surface plasmons; Partially spatially coherent biphotons; Free space quantum communication
Barcode	:	TH8004
Call No.	:	TH 539.122 SHA-I
Title	:	Design and development of drug eluting additively manufactured porous Ti6Al4V implant by Sonu Singh

Researcher	:	Singh, Sonu
Department	:	Centre for Biomedical Engineering,IITD
Year	:	2024
Supervisor	:	Kalyanasundaram, Dinesh (Assoc. Prof.) - CBME (Guide)
Physical description	:	xiv, 189 p.
Subject terms	:	Titanium implants; Additive manufacturing; Biomimetic implants; Drug delivery enhancement; Electrochemical anodization
Barcode	:	TH8005
Call No.	:	TH 66.022.3 SIN-D

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