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**June
2025**

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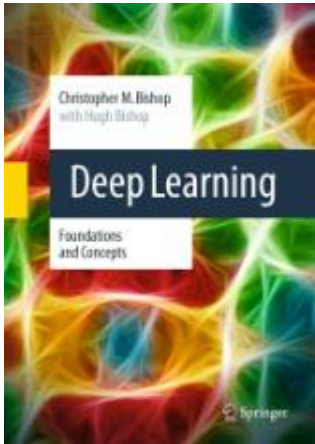
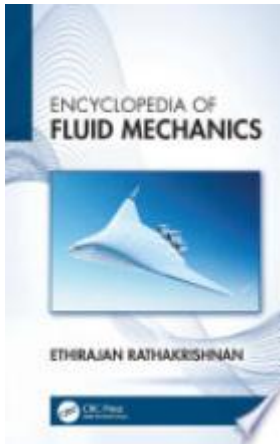
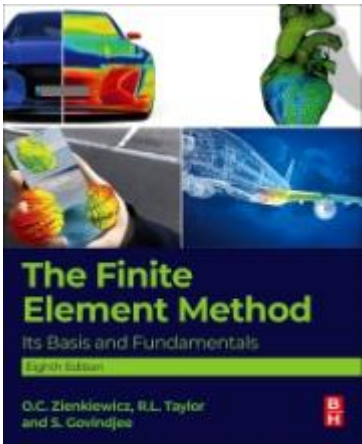
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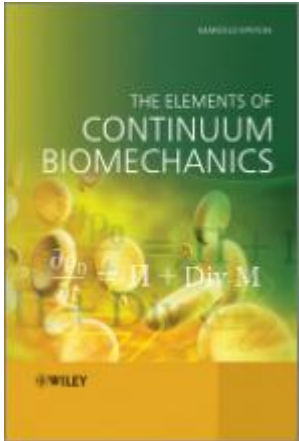
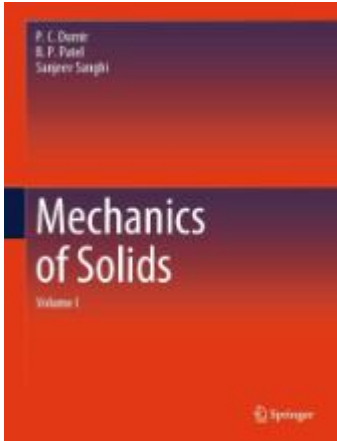
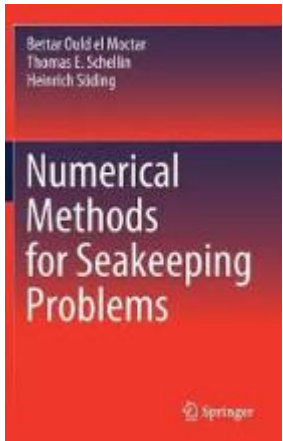
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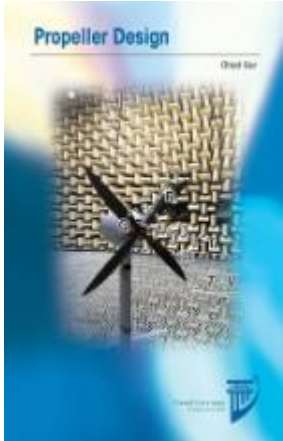
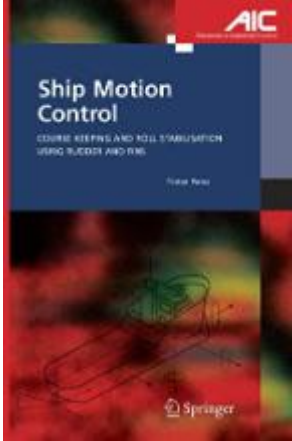
Table of Contents

Departments/Centres/School/Units	Page No.
Applied Mechanics	2
Applied Research in Electronics	5
Automotive Research and Tribology	5
Biochemical Engineering & Biotechnology	5
Biomedical Engineering	7
Central Library*	7
Chemical Engineering	9
Chemistry	10
Civil Engineering	11
Computer Science and Engineering	12
Design	14
Electrical Engineering	15
Energy Science and Engineering	16
Humanities & Social Sciences	16
Management Studies	23
Materials Science & Engineering	23
National Resource Centre for Value Education in Engineering	24
Optics and Photonics	25
Physics	26
School of Public Policy	27
Textile & Fibre Engineering	28

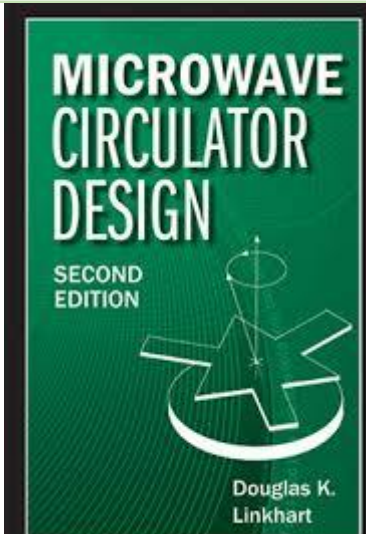
Applied Mechanics

1		Deep learning: foundations and concepts by Christopher M. Bishop and Hugh Bishop, Cham: Springer, 2024. xx, 649 p., Includes bibliography and index (p. 625-649) ISBN: 9783031454677 Subject Terms: Machine learning; Neural networks; Probabilities; Transformers; Normalizing flows 004.85:519.21 BIS-D Barcode: 180903; AM Click here for more details.
2		Encyclopedia of fluid mechanics by Rathakrishnan Ethirajan, Boca Raton: CRC Press, 2023. lxiv, 506 p., ISBN: 9781032382388 Subject Terms: Aerospace engineering; Mechanical engineering; Fluid mechanics; Manufacturing engineering; Mathematics and statistics RL-EN 532(03) RAT-E Barcode: 180929-180930; REF; AM Click here for more details.
3		Finite element method: its basis and fundamentals by O.C. Zienkiewicz, R. L. Taylor and S. Govindjee, 8th ed., London: Elsevier, 2025. xxxv, 599 p., Includes index (p. 589-613) ISBN: 9780443160448 Subject Terms: Finite elements; Linear fields; Elasticity; Stress; Strain 519.6:624.01 ZIE-F Barcode: 180951; CL Click here for more details.

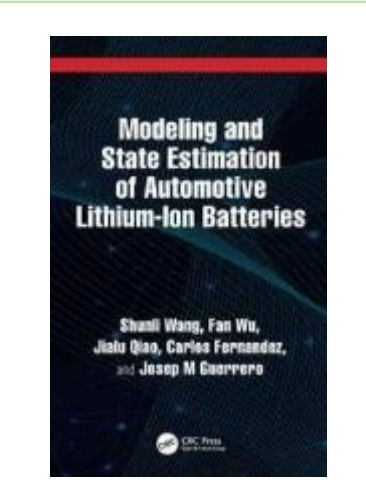
4		Mechanics of living tissues: imaging, characterization and modeling towards the study of soft tissues edited by Cedric Laurent and Claude Verdier, London: ISTE, 2024. xxxv, 305 p., - Sciences, mechanics, biomechanics. Includes index (p. 303-305) ISBN: 9781789451603 Subject Terms: Human physiology; Biomechanics; Tissue engineering; Anisotropy; Tensile testing 612.76:616.073.7 -MEC Barcode: 180989; CL Click here for more details.
5		Mechanics of solids by P. C. Dumir, B. P. Patel and Sanjeev Sanghi, Singapore: Springer, 2025. xi, 550 p., Includes index (p. 549-550) ISBN: 9789819998289 Subject Terms: Stress; Strain; Maxwell model; Kelvin-Voigt model; Torsion 531 DUM-M Barcode: 180935; AM Click here for more details.
6		Numerical methods for seakeeping problems by Bettar Ould el Moctar, Thomas E. Schellin and Heinrich Söding, Cham: Springer, 2021. xii, 290 p., ISBN: 9783030625603 Subject Terms: Governing equations; Incompressible potential flows; Strip methods; Green function methods; Water waves 519.6:629.5.015 MOC-N Barcode: 180966-180967; CL; AM Click here for more details.
		Back to Content

7		Propeller design by Ohad Gur, Reston: American Institute of Aeronautics and Astronautics, 2024. xxvi, 318 p., - AIAA education series. Includes index (p. 313-318) ISBN: 9781624107139 Subject Terms: Propellers; Aircraft propellers; Aerodynamic design; Propulsion systems; Fluid dynamics 533.695.8 GUR-P Barcode: 180931; CL Click here for more details.
8		Ship motion control: course keeping and roll stabilisation using rudder and fins by Tristan Perez, Leipzig: Springer, 2005. xxi, 300 p., - Advances in industrial control. Includes index (p. 297-300) ISBN: 9781852339593 Subject Terms: Kinematics of ship motion; Ship roll stabilisation; Rudder roll stabilisation; Fin stabilisers; Autopilots 629.5:531.133.1 PER-S Barcode: 180968; CL Click here for more details.
9		Ship sensors: conventional, unmanned and autonomous by R. Glenn Wright, New York: Routledge, 2024. xxi, 244 p., Includes index (p. 236-244) ISBN: 9781032456218 Subject Terms: Maritime sensor systems; Cybersecurity and ship sensors; Autonomous maritime systems; Ship navigation and surveillance systems; Marine robotics and instrumentation 629.5:681.586 WRI-S Barcode: 180974; AM Click here for more details.

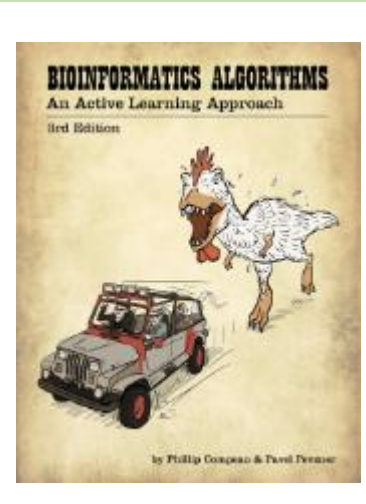
Applied Research in Electronics

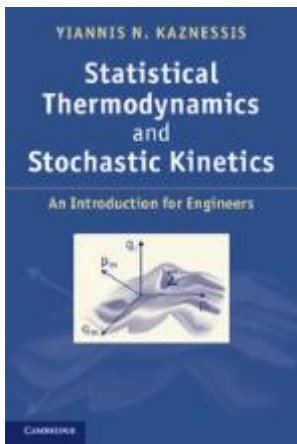
10		Microwave circulator design by Douglas K. Linkhart, 2nd ed., Norwood: Artech House, 2014. xv, 364 p., Includes index (p. 353-364) ISBN: 9781608075836 Subject Terms: Magnetic design; Tuning; Mechanical design; Microstrip circulator; Waveguide 621.372 LIN-M Barcode: 180943; CL Click here for more details.
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Automotive Research and Tribology

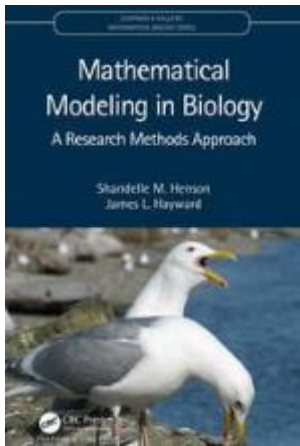
11		Modeling and state estimation of automotive lithium-ion batteries by Shunli Wang... (et al.), Boca Raton: CRC Press, 2025. x, 134 p., Includes references (p. 87-134) ISBN: 9781032777917 Subject Terms: Power and energy; Renewable energy; Battery modeling; Battery electric vehicle; Energy storage 621.35 -MOD Barcode: 180986-180987; CL; CART Click here for more details.
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Biochemical Engineering & Biotechnology

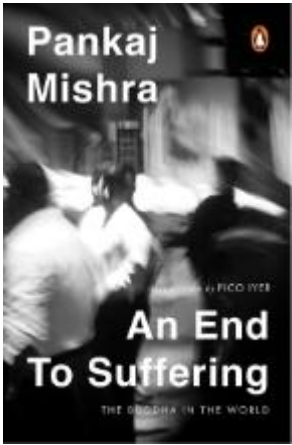
12		Bioinformatics algorithms: an active learning approach by Phillip Compeau and Pavel Pevzner, 3rd ed., San Diego: Active Learning Publishers, 2024. xxxv, 684 p., Includes bibliography (p. 671-681) ISBN: 9780990374633 Subject Terms: Computational biology; Computer algorithms; Gene finding; Protein structure prediction; Biological sequences 577:004.421 COM-B Barcode: 180904; TB Click here for more details.
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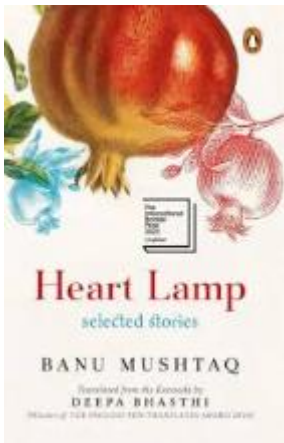
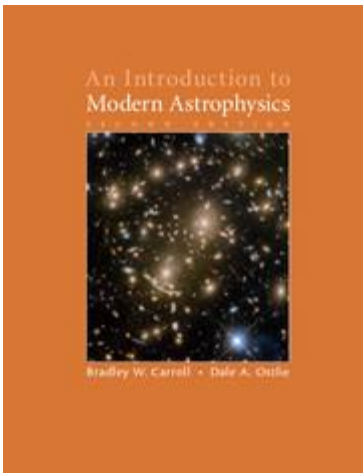
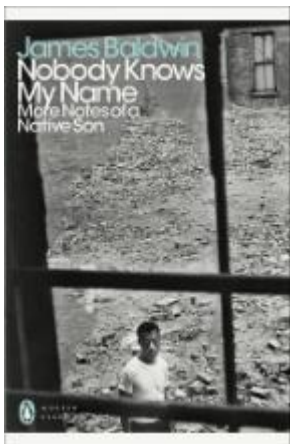
13		Industrial biotechnology by Debabrata Das and Soumya Pandit, Boca Raton: CRC Press, 2021. xxiii, 471 p., Includes index (p. 467-471) ISBN: 9780367769567 Subject Terms: Industrial strain; Biochemical pathways; Brewing industry; Biochemical industries; Downstream processing 606:62 DAS-I Barcode: 180992; CL Click here for more details.
14		Medical statistics and computer experiments edited by Ji-Qian Fang, Singapore: World Scientific, 2005. xxxiii, 911 p., Includes index (p. 903-911) ISBN: 9789812564269 Subject Terms: Health and fitness; Statistical analysis; Disease prediction; Treatment evaluation; Medical research 61:519.2 -MED Barcode: 180907-180908; CL; BEB Click here for more details.
15		Statistical thermodynamics and stochastic kinetics: an introduction for engineers by Yiannis N. Kaznessis, Cambridge: Cambridge University Press, 2012. xii, 314 p., Includes index (p. 312-314) ISBN: 9780521765619 Subject Terms: Probability distribution; Combinatorial analysis; Quantum mechanics; Subatomic degree; Thermodynamics 536.75 KAZ-S Barcode: 180969; BEB Click here for more details.

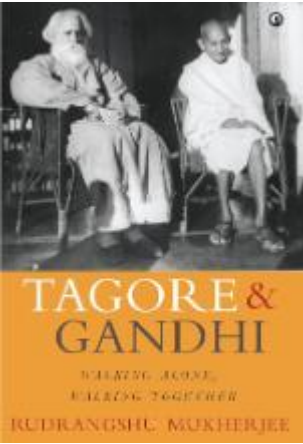
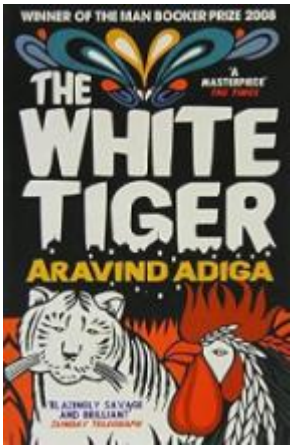
Biomedical Engineering

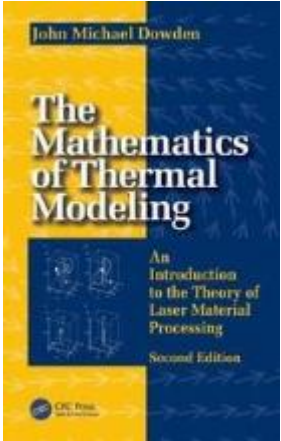
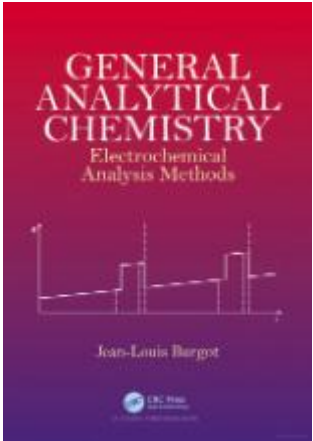
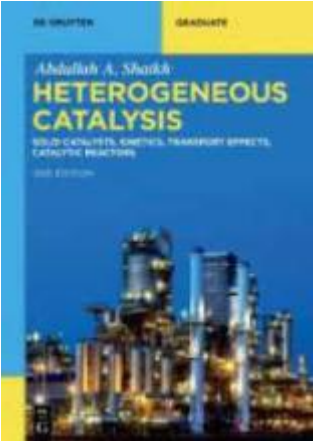
16		Mathematical modeling in biology: a research methods approach by Shandelle M. Henson and James L. Hayward, Oxon: CRC Press, 2023. xxi, 315 p., - Chapman & hall/ CRC mathematical biology series. Includes index (p. 307-315) ISBN: 9781032206943 Subject Terms: Epistemology; Linearization; Stochastic assumption; Discrete time maps; Ecology 519.87:001.8 HEN-M Barcode: 180975-180976; CL; CBME Click here for more details.
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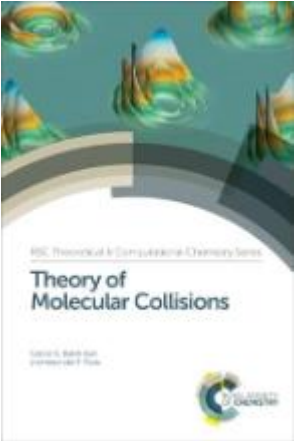
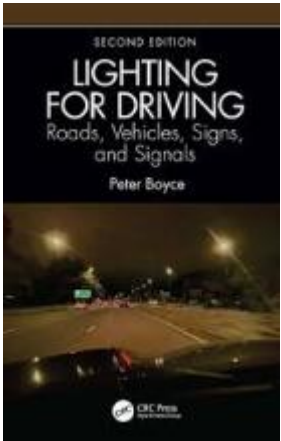
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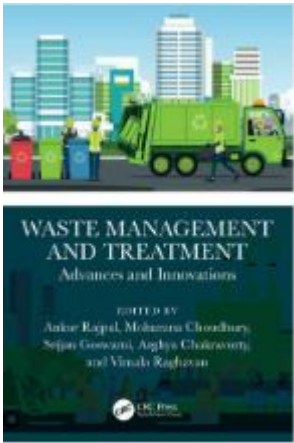
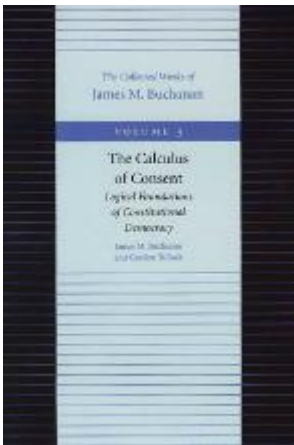
17		Classic Mulk Raj Anand: untouchable, coolie, private life of an Indian prince by Mulk Raj Anand and edited by Saros Cowasjee, Gurugram: Penguin Books, 2014. xxvi, 698 p., ISBN: 978143422402 Subject Terms: English fiction; Untouchability; English literature; Story of prince; Tradition 82-31(540) ANA-C Barcode: 180988; CL Click here for more details.
18		End to suffering: the Buddha in the world by Pankaj Mishra, Gurugram: Penguin Random House, 2024. xii, 422 p., ISBN: 9780143421269 Subject Terms: Science of the mind; Spiritual politics; Western Dharmas; Meditation; Empires and nations 82-312.1 MIS-E Barcode: 180896; CL Click here for more details.
		Back to Content

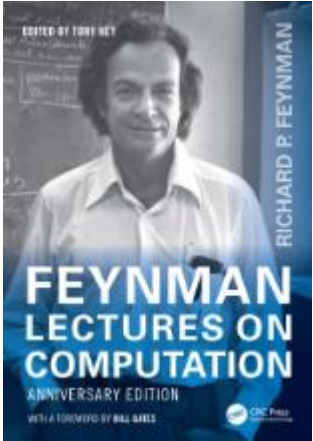
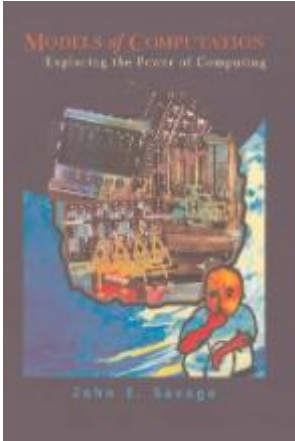
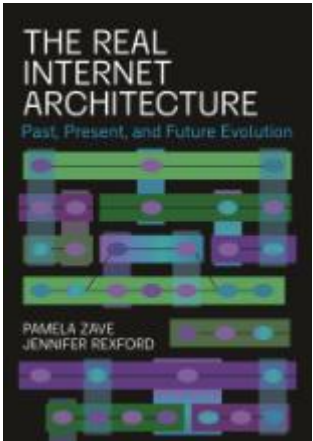
19		Heart lamp: selected stories by Banu Mushtaq and translated by Deepa Bhashti, Gurugram: Penguin Random House, 2025. 216 p., ISBN: 9780143464471 Subject Terms: English fiction; English stories; Muslim community; Southern India; Women's rights 821.111 MUS-H Barcode: 180959; CL Click here for more details.
20		Introduction to modern astrophysics by Bradley W. Carroll and Dale A. Ostlie, 2nd ed., Cambridge: Cambridge University Press, 2017. xvii, 1278 p., Includes index (v. p.) ISBN: 9781108422161 Subject Terms: Astronomy; Astrophysics; Cosmology; Galaxy; Physics 52 CAR-I Barcode: 180932; CL Click here for more details.
21		Nobody knows my name: more notes of a native son by James Baldwin, London: Penguin Random House, 2022. xiii, 204 p., ISBN: 9780140184471 Subject Terms: 20th century essays; Civil rights; African American; African Americans - Social conditions; African American political activists 82-311.2 BAL-N Barcode: 180905; CL Click here for more details.

22		Tagore and Gandhi: walking alone, walking together by Rudrangshu Mukherjee, New Delhi: Aleph Book Company, 2021. xxii, 186 p., Includes bibliography and index (p. 177-186) ISBN: 9789390652945 Subject Terms: Swadeshi; Satyagraha; Swaraj; Indian national movement; 1:929G+929T MUK-T Barcode: 180960; CL Click here for more details.
23		White Tiger by Aravind Adiga, Gurugram: HarperCollins Publishers, 2025. 321 p., ISBN: 9788172238476 Subject Terms: Businesspeople; Social classes; Self-made men; Social conditions 21st century; English fiction 82-311.6(540) ADI-W Barcode: 180947; CL Click here for more details.
Chemical Engineering		
24		Handbook of perovskite solar cells edited by Jiangzhao Chen and Sam Zhang, Boca Raton: CRC Press, 2024. xii, v.p., - Advances in materials science and engineering. Includes index (v.p.) vol. 1: Fundamentals and absorber layer optimization for efficiency and stability vol. 2: Functional layer optimization and diverse device types for efficiency and stability vol. 3: Critical challenges and opportunities in commercialization ISBN: 9781032509655; 9781032509693; 9781032509808 Subject Terms: Electromagnetics and microwaves - Handbooks, manuals, etc.; Electronic devices and materials - Handbooks, manuals, etc.; Power and energy - Handbooks, manuals, etc.; Renewable energy - Handbooks, manuals, etc.; Coatings and thin films - Handbooks, manuals RL-HB 621.383.51:549.641(021) -HAN Barcode: 180982-180984; CL Click here for more details.
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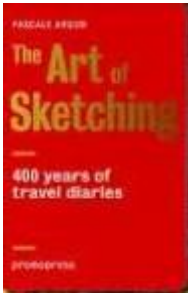
25		Mathematics of thermal modeling: an introduction to the theory of laser material processing by John Michael Dowden, 2nd ed., Boca Raton: CRC Press, 2025. xii, 274 p., Includes index (p. 271-274) ISBN: 9781032657776 Subject Terms: Time dependent solutions; Laser keyhole welding; Volcanology; Laser medicine; Thermoelastic problems 519.6:536.2 DOW-M Barcode: 180980; CL Click here for more details.
Chemistry		
26		General analytical chemistry: electrochemical analysis methods by Jean-Louis Burgot, Boca Raton: CRC Press, 2024. xviii, 423 p., Includes index (p. 421-423) ISBN: 9781032124407 Subject Terms: Equilibrium; Electrochemical cells; Polarography; Voltammetry; Coulometry 543.55 BUR-G Barcode: 180892; CL Click here for more details.
27		Heterogeneous catalysis: solid catalysts, kinetics, transport effects, catalytic reactors by Abdullah A. Shaikh, 2nd ed., Berlin: De Gruyter, 2023. xiii, 153 p., Includes index (p. 147-153) ISBN: 9783111032481 Subject Terms: Adsorption; Solid catalysts; Catalytic reactions; Industrial applications; Computational case studies 544.47:544.344 SHA-H Barcode: 180956; CL Click here for more details.

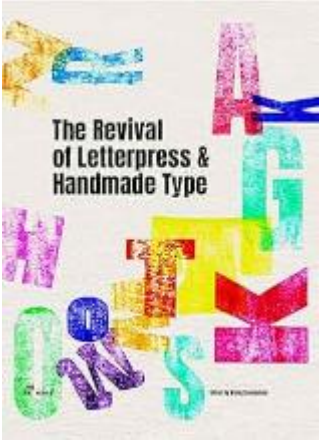
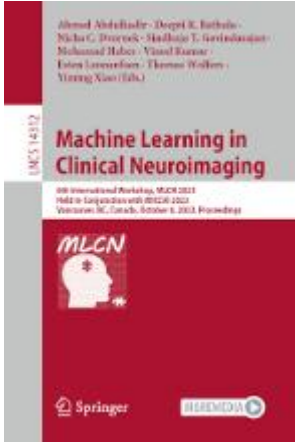
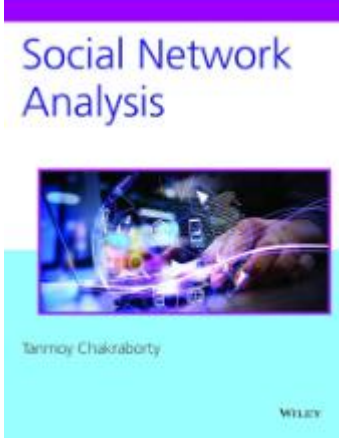
28		Theory of molecular collisions by Gabriel G. Balint-Kurti and Alexander P. Palov, Cambridge: Royal Society of Chemistry, 2015. xii, 282 p., - RSC theoretical and computational chemistry series. Include index (p. 272-282) ISBN: 9781849738309 Subject Terms: Molecular collisions; Chemical reaction dynamics; Molecular dynamics; Kinetic theory of gases; Intermolecular forces 539.1 BAL-T Barcode: 180933; CL Click here for more details.
29		Tutorials in molecular reaction dynamics edited by Mark Brouard and Claire Vallance, Cambridge: Royal Society of Chemistry, 2012. xiv, 481 p., Includes bibliography and index (p. 450-481) ISBN: 9781849735308 Subject Terms: Chemical reactions; Potential energy surfaces; Molecular dynamics; Quantum chemistry; Low temperatures - Research 544.4 -TUT Barcode: 180934; CL Click here for more details.
Civil Engineering		
30		Lighting for driving: roads, vehicles, signs, and signals by Peter Boyce, 2nd ed., Boca Raton: CRC Press, 2025. xv, 468 p., Includes index (p. 462-468) ISBN: 9781032478289 Subject Terms: Driving and crashes; Road lighting; Signal lighting; Adverse weather; Different vehicle types 628.9:629.3.048.8 BOY-L Barcode: 180979; CL Click here for more details.

31		Solid waste treatment technologies: challenges and perspectives edited by Pratibha Gautam, Vineet Kumar and Sunil Kumar, Boca Raton: CRC Press, 2024. xvii, 238 p., - Environmental nexus in waste management. Includes index (p. 227-238) ISBN: 9781032403014 Subject Terms: E-waste; Sanitary waste; Microplastic waste; Batteries waste; Nanoplastics 628.47 -SOL Barcode: 180890; CL Click here for more details.
32		Waste management and treatment: advances and innovations edited by Ankur Rajpal... (et al.), Boca Raton: CRC Press, 2025. xxxiii, 312 p., Includes index (p. 307-312) ISBN: 9781032192567 Subject Terms: Urban waste; Sewage waste; Municipal wastewater; Radioactive waste; Waste management 628.47 -WAS Barcode: 180891; CL Click here for more details.
Computer Science and Engineering		
33		Calculus of consent: logical foundations of constitutional democracy by James M. Buchanan and Gordon Tullock, Carmel: Liberty Fund, 2025. xx, 356 p., - Collected works of James M. Buchanan. Includes index (p. 351-356) ISBN: 9780865972186 Subject Terms: Decision making; Politics; Democratic ethics; Bicameral legislature; Pareto optimality 321.7:517.2 BUC-C Barcode: 180942; CL Click here for more details.

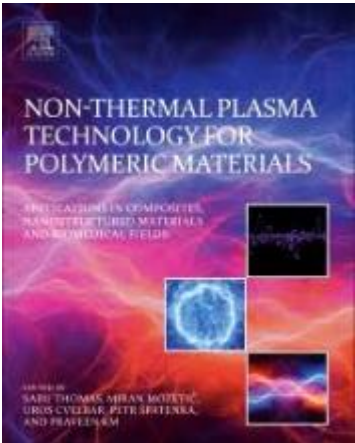
34		Feynman lectures on computation by Richard P. Feynman and edited by Tony Hey, Boca Raton: CRC Press, 2024. xxiii, 401 p., - Frontiers in physics. Includes index (p. 391-401) ISBN: 9781032794518 Subject Terms: Thermodynamics; Quantum mechanics; Artificial intelligence; Machine learning; Neural networks 519.6:004 FEY-F Barcode: 180906; CSE Click here for more details.
35		Models of computation: exploring the power of computing by John E. Savage, Massachusetts: Addison Wesley Longman, 1998. xxiii, 672 p., Includes bibliography and index (p. 605-672) ISBN: 9780201895391 Subject Terms: Machines and memory; Logic circuits; Computational complexity; Combinatorial circuits; Computability 519.711:004.421 SAV-M Barcode: 180886; CL Click here for more details.
36		Real internet architecture: past, present and future evolution by Pamela Zave and Jennifer Rexford, Princeton: Princeton University Press, 2024. xv, 239 p., Includes bibliography and index (p. 229-239) ISBN: 9780691255804 Subject Terms: Modularity; Internet; Private networks; Ethernets; Topology 681.3 ZAV-R Barcode: 180963-180964; CL; CSE Click here for more details.

Design

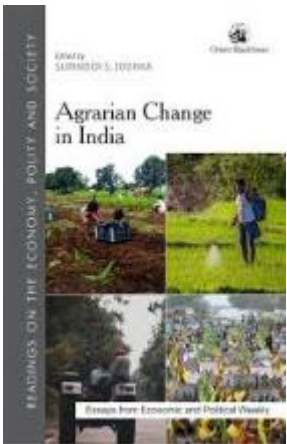
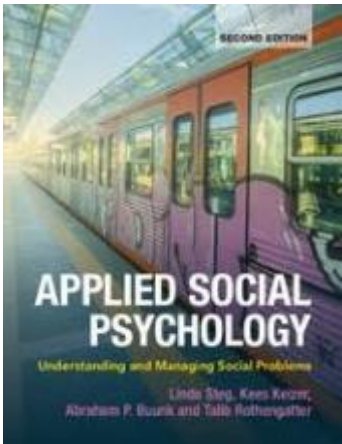
37		Alejandro magallanes the order of chaos: contemporary masters of graphic design by Alejandro Magallanes and edited by Miguel Angel Perez Arteaga, Barcelona: Hoaki Books, 2024. 191 p., ISBN: 9788410650046 Subject Terms: Graphic designs; Mexican designs; Illustrations; Images; Memories 766=134.2 MAG-A Barcode: 180954; CL Click here for more details.
38		Art of sketching: 400 years of travel diaries by Pascale Argod, Barcelona: Promopress, 2016. 160 p., Includes bibliography (p.158) ISBN: 9788416851935 Subject Terms: Artists - Diaries; Drawing - Technique; Travel in art; Notebooks; Travel writing - History 7.021.2(091) ARG-A Barcode: 180955; CL Click here for more details.
39		Copperplate calligraphy: from the first steps to mastering pointed pen calligraphy by Stefanie Weigele, Barcelona: Hoaki Books, 2024. 240 p., ISBN: 9788419220530 Subject Terms: Writing styles; Writing tips; Ligatures and special cases; Curves; Strokes 744.43:003.077 WEI-C Barcode: 180953; CL Click here for more details.
		Back to Content

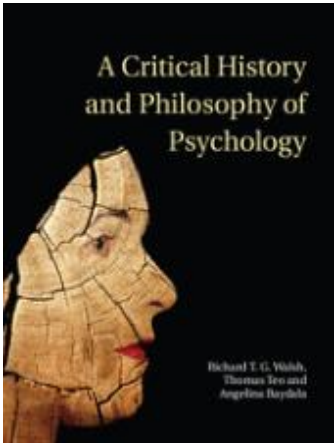
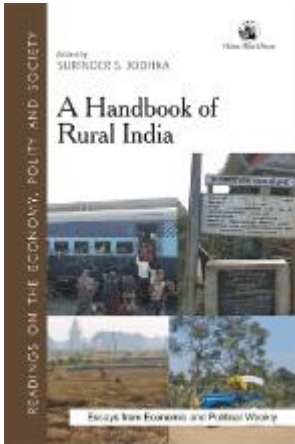
40		Get impressed: revival of letterpress and handmade type edited by Wang Shaoqiang, Barcelona: Hoaki Books, 2021. 240 p., Includes index (p. 233-239) ISBN: 9788419220776 Subject Terms: Museums; Letterpress factories; Initiatives; Printmakers; Handmade type 76:655.322 -GET Barcode: 180952; CL Click here for more details.
Electrical Engineering		
41		Machine learning in clinical neuroimaging edited by Ahmed Abdulkadir... (et al.), Cham: Springer, 2023. viii, 174 p., - Lecture notes in computer science. Includes index (p. 173-174) ISBN: 9783031448577 Subject Terms: Pathology; Neural events; Hemodynamic response; Computed tomography; Autism CD 616.8-073:004.85 -MAC Barcode: 180901; CL Click here for more details.
42		Social network analysis by Tanmoy Chakraborty, New Delhi: Wiley, 2025. xxii, 376 p., Includes index (p. 371-376) ISBN: 9789354247835 Subject Terms: Network effects; Community structure; Link Prediction; Graph representation; Sociometry 316.356.4:004.65 CHA-S Barcode: 180961-180962; CL; TB Click here for more details.

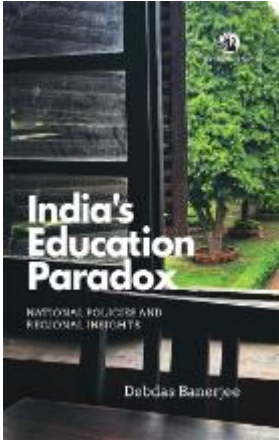
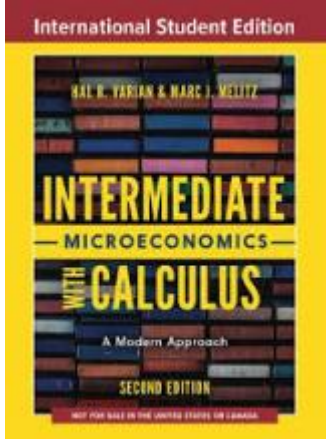
Energy Science and Engineering

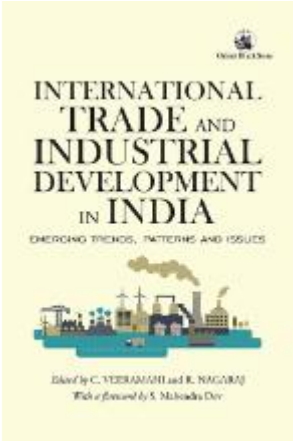
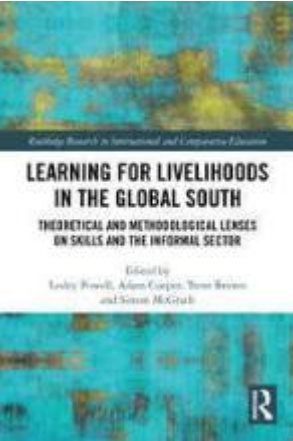
43		Non-thermal plasma technology for polymeric materials: applications in composites, nanostructured materials, and biomedical fields edited by Sabu Thomas... (et al.), Amsterdam: Elsevier, 2019. xiv, 480 p., Includes index (p. 459-480) ISBN: 9780128131527 Subject Terms: Plasma processing; Non-thermal plasmas; Polymer modification; Plasma surface engineering; Materials science 533.9:678 -NON Barcode: 180889; CL Click here for more details.
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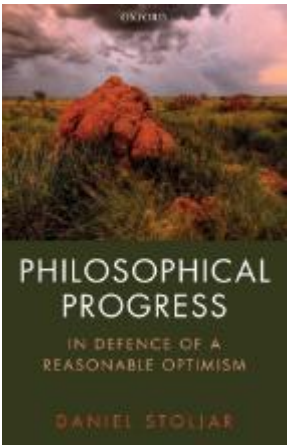
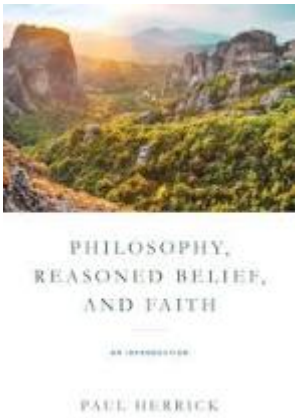
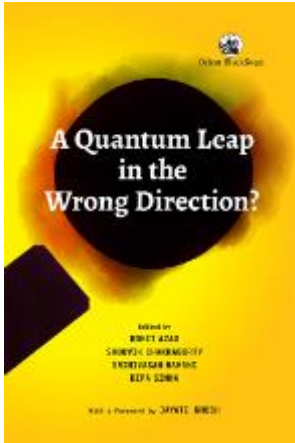
Humanities & Social Sciences

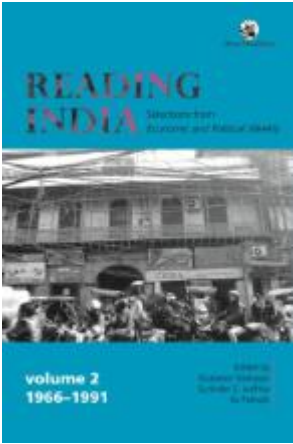
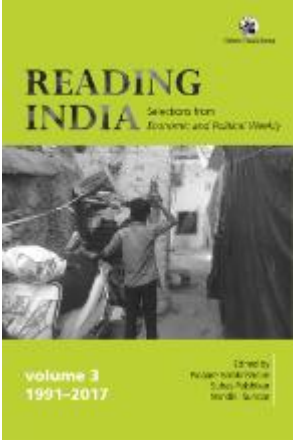
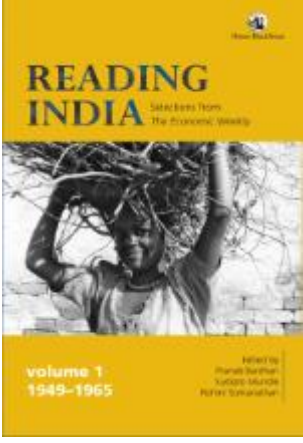
44		Agrarian change in India edited by Surinder S. Jodhka, Hyderabad: Orient Blackswan, 2022. xv, 410 p., - Readings on the economy, polity and society. ISBN: 9789354422287 Subject Terms: Economy; Marxian theory; Agrarian classes; Green revolution; Entrepreneurs 338.431(540) -AGR Barcode: 180914-180915; CL; HSS Click here for more details.
45		Applied social psychology: understanding and managing social problems by Linda Steg... (et al.), 2nd ed., Cambridge: Cambridge University Press, 2017. xxv, 393 p., Includes index (p. 381-393) ISBN: 9781107620292 Subject Terms: Social psychology of consumer behaviour; Social psychology of health and illness; Social psychology of mental health; Social psychology and political behaviour; Social sport and exercise psychology 159.98:316.6 -APP Barcode: 180970-180971; CL; HSS Click here for more details.

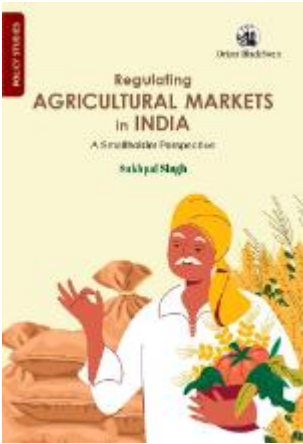
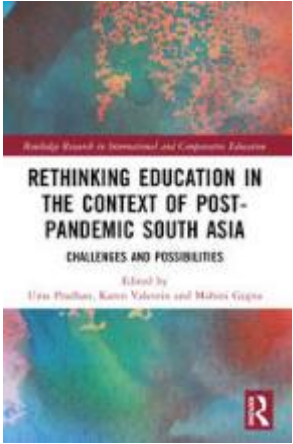
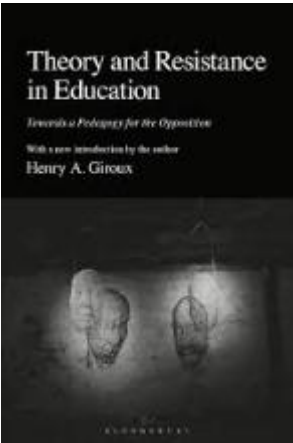
46		Critical history and philosophy of psychology: diversity of context, thought, and practice by Richard T. G. Walsh, Thomas Teo and Angelina Baydala, Cambridge: Cambridge University Press, 2014. xvi, 709 p., Includes index (p. 685-709) ISBN: 9780521691260 Subject Terms: Psychological thought; Natural science; Psychoanalysis; Philosophy; Scientific revolution 159.9:101(091) WAL-C Barcode: 180972-180973; CL; HSS Click here for more details.
47		Digital femininities: the gendered construction of cultural and political identities online by Frankie Rogan, Abingdon: Routledge, 2023. vii, 199 p., - Sociological futures. Includes index (p. 196-199) ISBN: 9781032268552 Subject Terms: Neoliberalism; Entrepreneurship; Digital culture; Politics; Influencers 316.774-055.2 ROG-D Barcode: 180936-180937; CL; HSS Click here for more details.
48		Handbook of rural India edited by Surinder S. Jodhka, Hyderabad: Orient BlackSwan, 2022. xvi, 472 p., - Readings on the economy, polity and society. ISBN: 9789352871988 Subject Terms: Social structure; Urbanisation; Community development; Modernity; Employment RL-HB 316.334.55(021) -HAN Barcode: 180916-180917; REF; HSS Click here for more details.

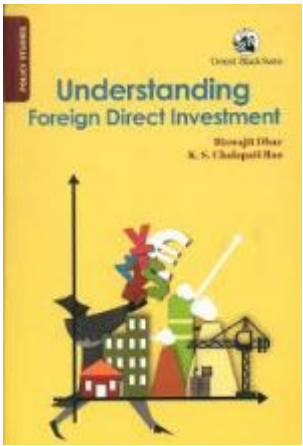
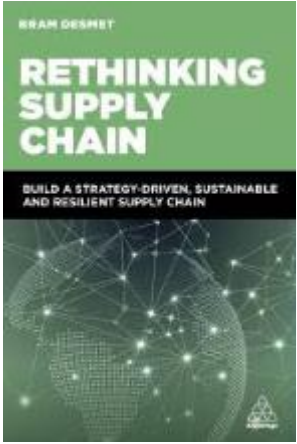
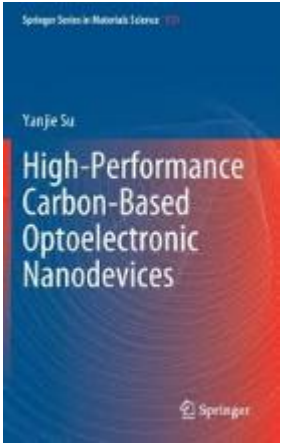
49		How logic works: a user's guide by Hans Halvorson, New Jersey: Princeton University Press, 2020. x, 246 p., Includes index (p. 245-246) ISBN: 9780691182223 Subject Terms: Logic; Reasoning; Deductive logic; Critical thinking; Philosophy logic 160.1 HAL-H Barcode: 180894; CL Click here for more details.
50		India's education paradox: national policies and regional insights by Debdas Banerjee, Hyderabad: Orient BlackSwan, 2024. xxiv, 301 p., Includes index (p. 291-301) ISBN: 9789354428661 Subject Terms: Higher education; Federalism; Vocational education; Equality; Unemployment 37.014(540) BAN-I Barcode: 180918-180919; CL; HSS Click here for more details.
51		Intermediate microeconomics: with calculus by Hal R. Varian and Marc J. Melitz, 2nd ed., New York: W. W. Norton & Company, 2024. v. p., Includes index (p. I1-I26) ISBN: 9781324034438 Subject Terms: Oligopoly; Game theory; Assets; Technology; Product Substitutability 330.101.542:517.2 VAR-I Barcode: 180902; CL Click here for more details.

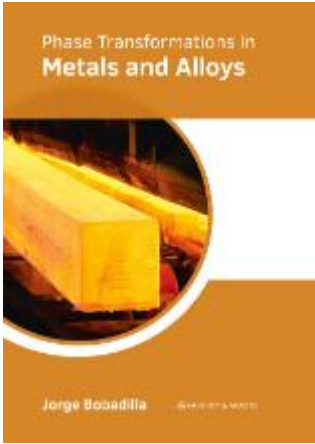
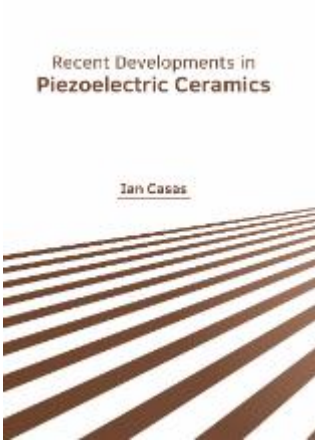
52		International trade and industrial development in India: emerging trends, patterns and issues edited by C. Veeramani and R. Nagaraj, Hyderabad: Orient BlackSwan, 2018. xviii, 339 p., Includes index (p. 327-339) ISBN: 9789352872619 Subject Terms: Industrial policy; Economic development; Antitrust law; Agriculture; Manufacturing industries - India 339.5:338.45(540) -INT Barcode: 180920-180921; CL; HSS Click here for more details.
53		Learning for livelihoods in the global south: theoretical and methodological lenses on skills and the informal sector edited by Lesley Powell... (et al.), Abingdon: Routledge, 2025. xviii, 280 p., - Routledge research in international and comparative education. Includes index (p. 273-280) ISBN: 9781032626475 Subject Terms: Education-Economic aspects; Sustainable development; Human capital; Community development; Youth employment 377.3(1-773) -LEA Barcode: 180938-180939; CL; HSS Click here for more details.
54		Machine agency by James Mattingly and Beba Cibralic, Cambridge: MIT Press, 2025. x, 172 p., Includes index (p. 163-172) ISBN: 9780262549981 Subject Terms: Biology; Brains; Communication; Machine actions; Moral status 1:004.8 MAT-M Barcode: 180950; CL Click here for more details.
		Back to Content

55		Philosophical progress: in defence of a reasonable optimism by Daniel Stoljar, Oxford: Oxford University Press, 2019. vii, 186 p., Includes index (p. 181-186) ISBN: 9780198849773 Subject Terms: Optimism; Disagreement; Moral philosophy; Arguments; Ethnoscience 101.3 STO-P Barcode: 180888; CL Click here for more details.
56		Philosophy, reasoned belief, and faith: an introduction by Paul Herrick, Notre Dame: University of Notre Dame Press, 2022. xiv, 458 p., Includes index (p. 447-458) ISBN: 9780268202699 Subject Terms: Philosophy; Theology; Faith; Religion; Fallacy 101.1 HER-P Barcode: 180895; CL Click here for more details.
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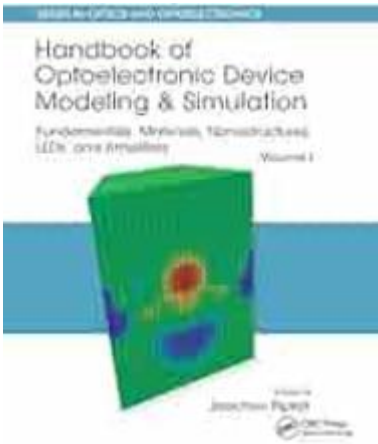
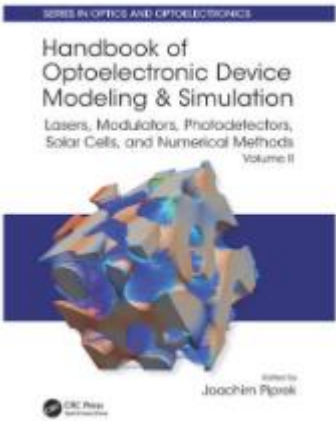
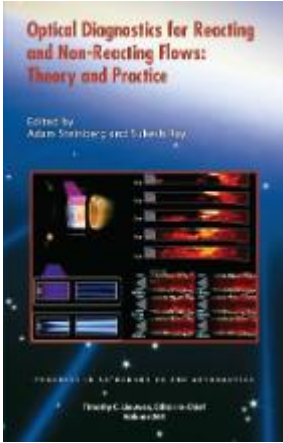
58		Reading India: selections from economic and political weekly edited by Gurpreet Mahajan, Surinder S. Jodhka and Ila Patnaik, Hyderabad: Orient BlackSwan, 2019. xv, 470 p., ISBN: 9789352877492 Subject Terms: Indian economics; Indian politics; Public policy; Social change; Politics 338.1(540) -REA Barcode: 180924-180925; CL; HSS Click here for more details.
59		Reading India: selections from economic and political weekly edited by Pulapre Balakrishnan, Suhas Palshikar and Nandini Sundar, Hyderabad: Orient BlackSwan, 2019. xxxiv, 517 p., ISBN: 9789352877782 Subject Terms: Indian economics; Indian politics; Public policy; Governance; Indian society 338.1(540) -REA Barcode: 180926-180927; CL; HSS Click here for more details.
60		Reading India: selections from the economic weekly edited by Pranab Bardhan, Sudipto Mundle and Rohini Somanathan, Hyderabad: Orient BlackSwan, 2019. xi, 430 p., ISBN: 9789352877157 Subject Terms: Indian economics; Indian politics; Governance; Public policy; Indian society 338.1(540) -REA Barcode: 180922-180923; CL; HSS Click here for more details.

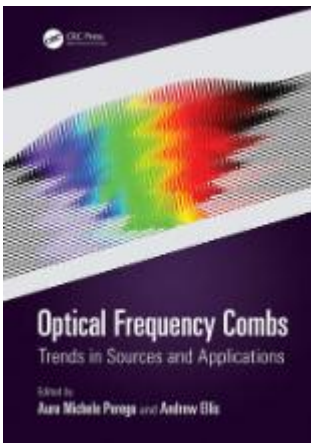
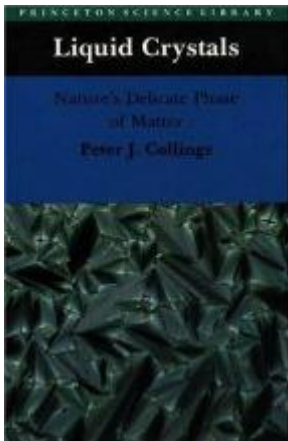
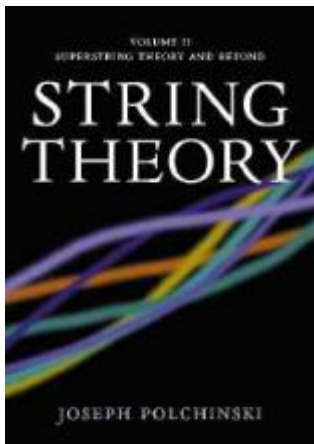
61		Regulating agricultural markets in India: a smallholder perspective by Sukhpal Singh, Hyderabad: Orient Blackswan, 2023. xvii, 173 p., - Policy studies series. ISBN: 9789354424656 Subject Terms: Contract farming; Trade; Commerce; Agriculture; Livestock marketing 338.43.01(540) SIN-R Barcode: 180911; HSS Click here for more details.
62		Rethinking education in the context of post-pandemic south Asia: challenges and possibilities edited by Uma Pradhan, Karen Velentin and Mohini Gupta, Abingdon: Routledge, 2023. xv, 226 p., - Routledge research in international and comparative education. Includes index (p. 219-226) ISBN: 9781032365671 Subject Terms: South Asian studies; Education policy; Education research; Regional development; Social science 37.012(5-13) -RET Barcode: 180940-180941; CL; HSS Click here for more details.
63		Theory and resistance in education: towards a pedagogy for the opposition by Henry A. Giroux, Dublin: Bloomsbury Publishing, 2025. xlviii, 254 p., Includes bibliography and index (p. 226-254) ISBN: 9781350458482 Subject Terms: Neoliberalism; Authoritarianism; Indoctrination; Critical theory; Educational practice 37.014.53 GIR-T Barcode: 180957-180958; CL; HSS Click here for more details.

64		Understanding foreign direct investment by Biswajit Dhar and K. S. Chalapati Rao, Hyderabad: Orient Blackswan, 2020. xiii, 171 p., - Policy studies series. ISBN: 9789352879892 Subject Terms: Investments foreign; Government policy; Economic development; Corporations; Globalization 339.727.22 DHA-U Barcode: 180912-180913; CL; HSS Click here for more details.
Management Studies		
65		Rethinking supply chain: build a strategy-driven, sustainable and resilient supply chain by Bram Desmet, London: Kogan Page, 2024. xxix, 311 p., Includes index (p. 307-311) ISBN: 9781398615984 Subject Terms: Business logistics; Business planning; Strategic planning; Supply chain triangle; Circular economy 658.7:005.334 DES-R Barcode: 180965; CL Click here for more details.
Materials Science & Engineering		
66		High performance carbon based optoelectronic nanodevices by Yanjie Su, Singapore: Springer, 2022. xii, 190 p., - Springer series in material science. Includes index (p. 187-190) ISBN: 9789811654961 Subject Terms: Carbon nanostructures; Carbon-based heterojunction; Broadband photodetectors; Hybrid solar cells; Heterojunction solar cells 621:382:620.3 SU-H Barcode: 180981; CL Click here for more details.
Back to Content		

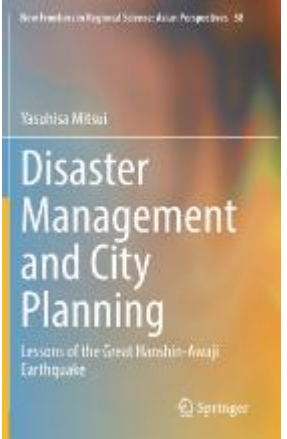
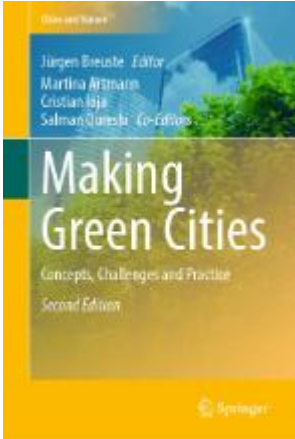
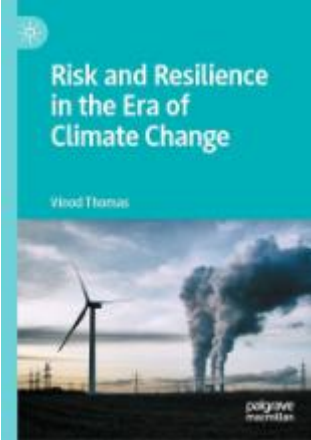
67		Phase transformations in metals and alloys by Jorge Bobadilla, New York: Murphy and Moore, 2025. vi, 196 p., Includes index (p. 194-196) ISBN: 9781639879571 Subject Terms: Mixtures of metals; Cementation process; Equilibrium; Diffusion; Phase field modeling approach 669.018.25 BOB-P Barcode: 180990; CL Click here for more details.
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National Resource Centre for Value Education in Engineering		
69		Day by day with Bhagavan by A. Devaraja Mudaliar, Tiruvannamalai: Shri Ramanasramam, 2017. 402 p., ISBN: 9788188018826 Subject Terms: Spiritual growth; Inspiration; Self-inquiry; Spiritual guidance; Meditation 82-94 MUD-D Barcode: 180884-180885; CL; NRCVEE Click here for more details.

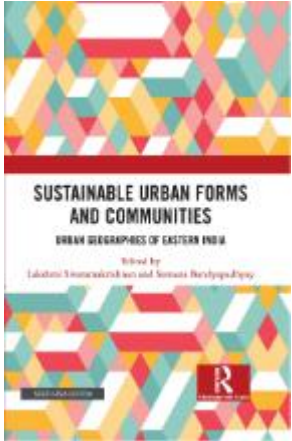
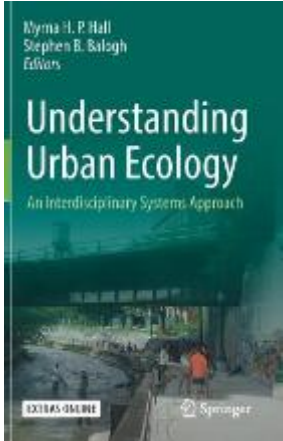
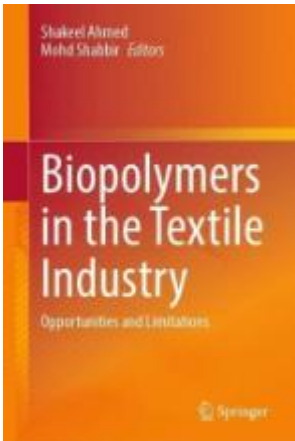
Optics and Photonics

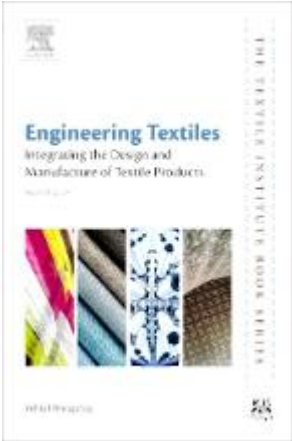
70		Handbook of optoelectronic device modeling and simulation: fundamentals, materials, nanostructures, LEDs, and amplifiers edited by Joachim Piprek, Boca Raton: CRC Press, 2019. xix, 814 p., - Series in optics and optoelectronics. Includes index (p. 797-814) ISBN: 9780367875602 Subject Terms: Electronic band structure - Handbooks, manuals, etc.; Electron transport- Handbooks, manuals, etc.; Electron-photon interaction- Handbooks, manuals, etc.; Optical waveguiding - Handbooks, manuals, etc.; Heat generation - Handbooks, manuals, etc. RL-HB 621.382 -HAN Barcode: 180994; CL Click here for more details.
71		Handbook of optoelectronic device modeling and simulation: lasers, modulators, photodetectors, solar cells, and numerical methods edited by Joachim Piprek, Boca Raton: CRC Press, 2020. xviii, 868 p., - Series in optics and optoelectronics. Includes index (p. 853-868) ISBN: 9780367781804 Subject Terms: Laser diode - Handbooks, manuals, etc.; Longitudinal mode diode - Handbooks, manuals, etc.; Solar cell optics - Handbooks, manuals, etc.; Thermal detuning - Handbooks, manuals, etc.; Semiconductor- Handbooks, manuals, etc. RL-HB 621.382 -HAN Barcode: 180995; CL Click here for more details.
72		Optical diagnostics for reacting and non-reacting flows: theory and practice edited by Adam Steinberg and Suresh Roy, Reston: American Institute of Aeronautics and Astronautics, 2022. xvii, 1321 p., - Progress in astronautics and aeronautics. ISBN: 9781624106323 Subject Terms: Optical diagnostics; Laser Raman scattering; Laser absorption; Phosphor thermometry; Optical spray imaging diagnostics 543.4 -OPT Barcode: 180928; TB Click here for more details.

73		Optical frequency combs: trends in sources and applications edited by Auro Michele Perego and Andrew D. Ellis, Boca Raton: CRC Press, 2024. ix, 341 p., Includes index (pp. 333-341) ISBN: 9781032548081 Subject Terms: Integrated lithium niobate; Laser frequency combs; Spectroscopy; Synchronous transmission; Optical clocks 621.375.826 -OPT Barcode: 180993; CL Click here for more details.
Physics		
74		Liquid crystals: nature's delicate phase of matter by Peter J. Collings, Princeton: Princeton University Press, 1990. xiii, 222 p., Includes index (p. 219-222) ISBN: 9780691024295 Subject Terms: X-rays; Magnetic field; Liquid crystal displays; Electric field; Lyotropic liquid crystal 532.783 COL-L Barcode: 180887; CL Click here for more details.
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School of Public Policy

76		Disaster management and city planning: lessons of the great Hanshin-Awaji earthquake by Yasuhisa Mitsui, Singapore: Springer, 2022. xxxvii, 380 p., - New frontiers in regional science: Asian perspectives. Includes index (p. 379-380) ISBN: 9789811918070 Subject Terms: Self defense force; Special city planning; Disaster debris; Geographical information system; Old city planning 504.4:711(52) MIT-D Barcode: 180948; CL Click here for more details.
77		Making green cities: concepts, challenges and practice edited by Jürgen Breuste... (et al.), 2nd ed., Cham: Springer, 2023. xx, 595 p., - Cities and nature. Includes index (p. 589-595) ISBN: 9783030730888 Subject Terms: Green city; Urban green infrastructure; Nature in cities; Urban ecosystem services; Urban green planning 711.4:504 -MAK Barcode: 180944; CL Click here for more details.
78		Risk and resilience in the era of climate change by Vinod Thomas, Singapore: Palgrave Macmillan, 2023. xxxi, 201 p., Includes index (p. 197-201) ISBN: 9789811986208 Subject Terms: Understanding risk; Resilience; Disaster risks; Triage financing; Mitigation 551.588:338.246.87 THO-R Barcode: 180985; CL Click here for more details.
		Back to Content

79		Sustainable urban forms and communities: urban geographies of eastern India edited by Lakshmi Sivaramakrishnan and Sumana Bandyopadhyay, Oxon: Routledge, 2025. xxiv, 302 p., Includes index (p. 293-302) ISBN: 9781032962696 Subject Terms: Urbanization; Municipal financing; Colonialism; Health status; Infrastructure 711.4:502.131.1(540) -SUS Barcode: 180945-180946; CL; SPP Click here for more details.
80		Understanding urban ecology: an interdisciplinary systems approach edited by Myrna H. P. Hall and Stephen B. Balogh, Cham: Springer, 2019. xxii, 360 p., Includes index (p. 355-360) ISBN: 9783030112585 Subject Terms: Socioecological metabolism; Biogeochemistry; Urban wildlife; Material cycle; Environmental justice 574.3:711.4 -UND Barcode: 180949; CL Click here for more details.
Textile & Fibre Engineering		
81		Biopolymers in the textile industry: opportunities and limitations edited by Shakeel Ahmed and Mohd Shabbir, Singapore: Springer, 2024. xii, 313 p., ISBN: 9789819706839 Subject Terms: Sustainable textiles; Biodegradable plastics; Protein polymers; Wound healing; Green technology - Textile industry 677.46/.47 -BIO Barcode: 180899; CL Click here for more details.

82		Engineering textiles: integrating the design and manufacture of textile products by Yehia E. Elmogahzy, 2nd ed., Duxford: Woodhead Publishing, 2020. xi, 448 p., - Textile institute book series. Includes index (p. 433-438) ISBN: 9780081024881 Subject Terms: Fashion; Design process; Fibers; Marketing changes; Medical textiles 677.02 ELM-E Barcode: 180900; CL Click here for more details.
83		Fabrication techniques and machining methods of advanced composite materials edited by Vikas Dhawan... (et al.), Boca Raton: CRC Press, 2024. xi, 164 p., - Innovations in smart manufacturing for long term development and growth. Includes index (p. 163-164) ISBN: 9781032539089 Subject Terms: Fabrication techniques; Electrochemical machining; Biopolymers; Carbon nanotubes; Composites 621.9:620.168 -FAB Barcode: 180977; CL Click here for more details.
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85		Mastering machine knitting: from the thread to finished garment by Lucia Consiglia Tarantino, 2nd ed., Barcelona: Hoaki Books, 2023. 253 p., ISBN: 9788417656997 Subject Terms: Machine knitting; Knitting technique; Garment construction; Clothing and dress; Yarns
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		Back to Content

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