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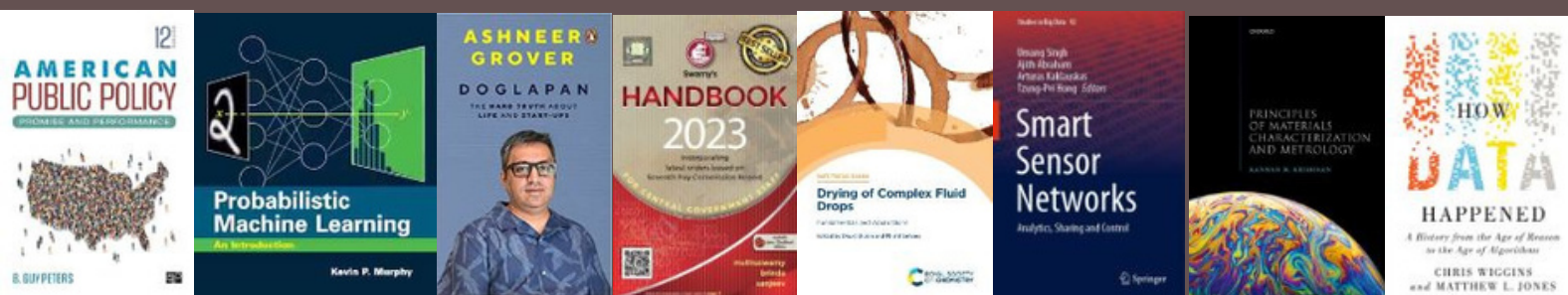
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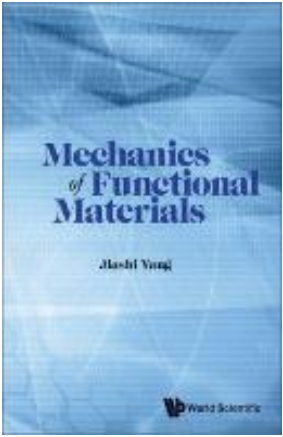
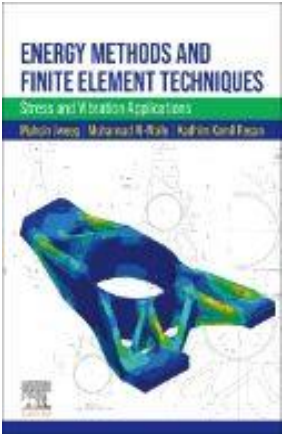
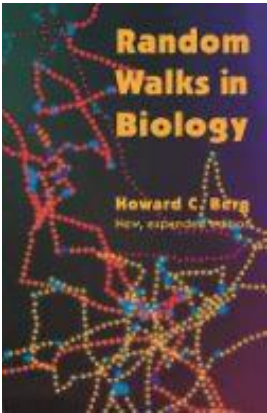
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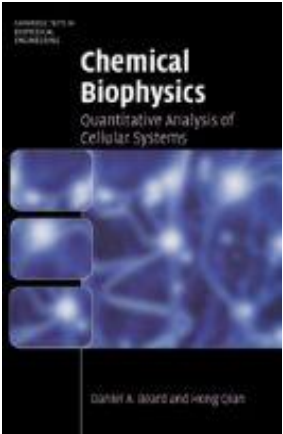
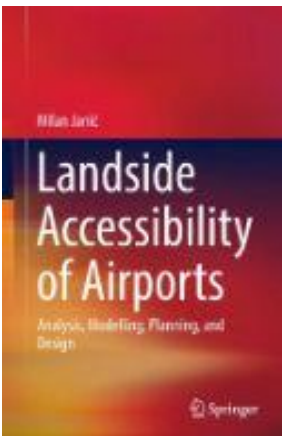
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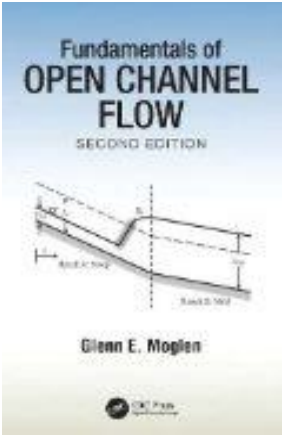
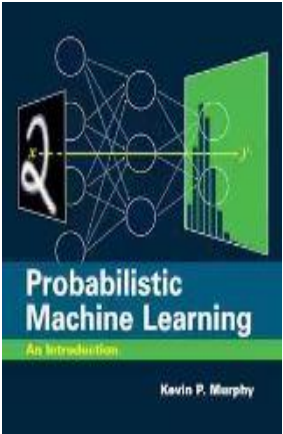
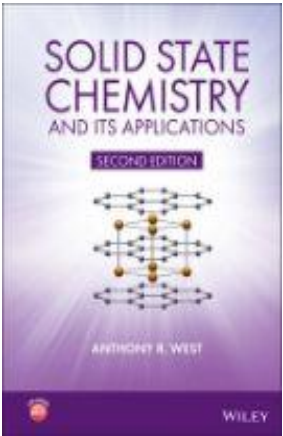
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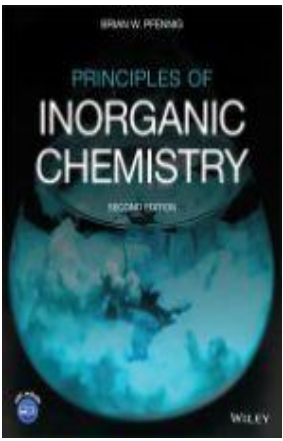
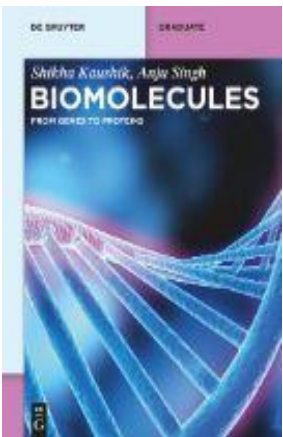
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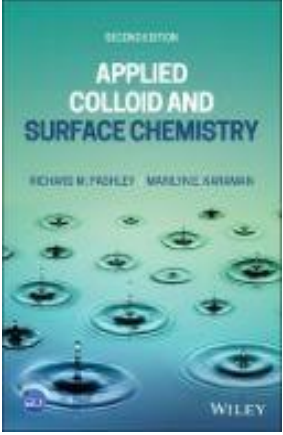
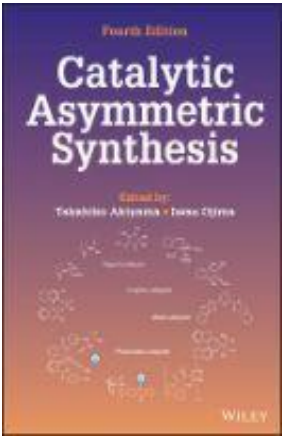
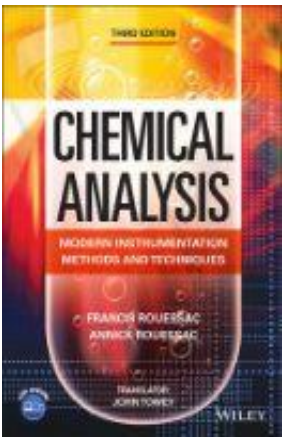
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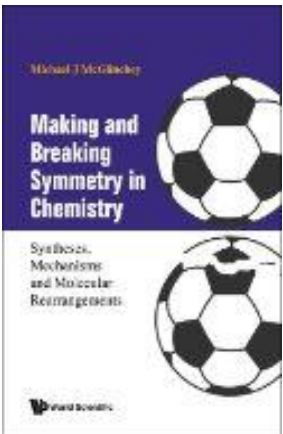
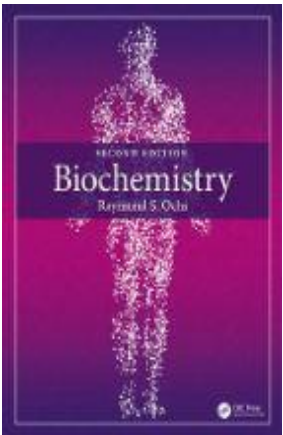
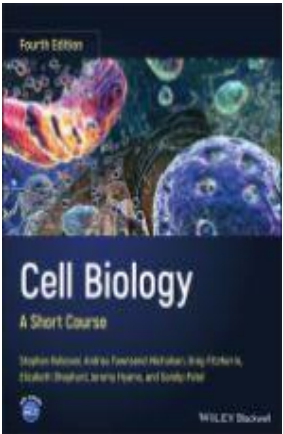
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1		Mechanics of functional materials by Jiashi Yang. Singapore: World Scientific, 2023. xi, 225 p. Includes bibliography and index (p. 219-225) ISBN: 9789811266010 Subject Terms: Deformations - Mechanics, Materials, Electric properties, Materials, Thermal properties, Piezomagnetic effects, Bending of beams 620.172.21 YAN-M 178063; CL Click for more details.
2		Energy methods and finite element techniques: stress and vibration applications by Muhsin J. Jweeg, Muhannad Al-Waily and Kadhim Kamil Resan. Amsterdam: Elsevier, 2022. xiii, 572 p. Includes index (p. 569 - 572) ISBN: 9780323886666 Subject Terms: Structural dynamics, Strains and stresses, Axisymmetric elasticity, Finite element method, Beam applications 624.04:517.949 JWE-E 178114; CL Click for more details.
S.No	Biochemical Engineering & Biotechnology	
3		Random walks in biology by Howard C. Berg. New Jersey: Princeton University Press, 1993. vii, 152 p. Includes bibliography and index (p.145-152) ISBN: 9780691000640 Subject Terms: Biometry, Diffusion to capture, Life sciences - Biology, Probability, Diffusion at equilibrium, Random walks - Mathematics 57.087.1 BER-R 178071-178072; CL; BEB Click for more details.

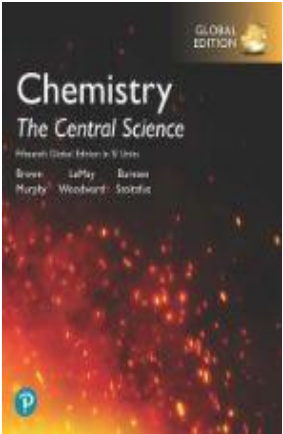
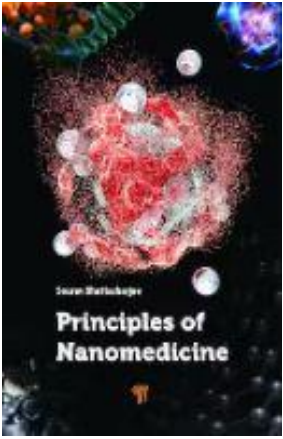
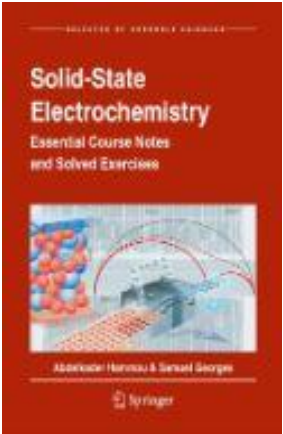
4		Chemical biophysics: quantitative analysis of cellular systems by Daniel A. Beard and Hong Qian. Cambridge: Cambridge University Press, 2010. xviii, 311p., - Cambridge texts in biomedical engineering. Includes bibliography and index (p.296-311) ISBN: 9780521158244 Subject Terms: Physical chemistry, Chemical kinetics, Biochemical systems, Systems biology, Computational biology 577.3 BEA- C 178102-178103; CL; BEB Click for more details.
S.No	Centre for Biomedical Engineering	
5		Introduction to biomedical imaging by Andrew Webb, 2nd ed. Hoboken: Wiley, 2023. xxxi, 345p., - IEEE press series in biomedical engineering. Includes index (p.341- 345) ISBN: 9781119867715 Subject Terms: Diagnostic imaging, Computed tomography, Brain imaging, Ultrasound imaging, Nuclear medicine 616-073 WEB-I 178131; CL Click for more details.
S.No	Civil Engineering	
6		Landside accessibility of airports: analysis, modelling, planning, and design by Milan Janic. Cham: Springer, 2019. xx, 424 p. Includes bibliography and index (p. 415-424) ISBN: 9783319761497 Subject Terms: Access to airports, Production management, Sustainable development, Traffic engineering, Airports - Management, Highway and traffic engineering 656.71:725.1 JAN-L 178073; CL Click for more details.

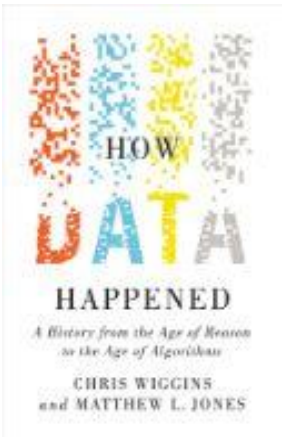
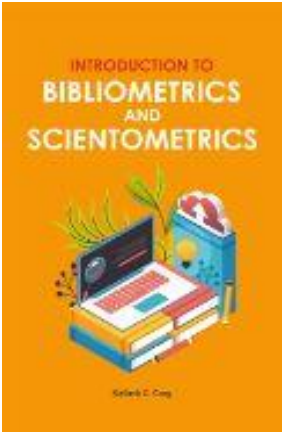
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8		Probabilistic machine learning: an introduction by Kevin P. Murphy. Cambridge: MIT Press, 2022. xxix, 826 p., - Adaptive computation and machine learning. Includes bibliography and index (p.775-826) ISBN: 9780262046824 Subject Terms: Multivariate models, Statistics, Decision theory, Information theory, Optimization, Deep neural networks, Neural network for image 681.3:519.676 MUR-P 178088; CHE Click for more details.
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9		Solid state chemistry and its applications by Anthony R. West, 2nd ed. Hoboken: John Wiley, 2022. xxv, 864p. Includes Index (p. 851-864) ISBN: 9781118447444 Subject Terms: Crystal structures, Crystal defects, Phase diagrams, Crystallography, Structural materials 54-16 WES-S 178062; CL Click for more details.
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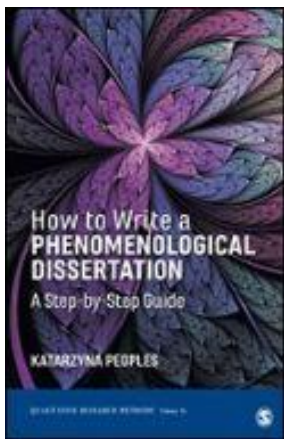
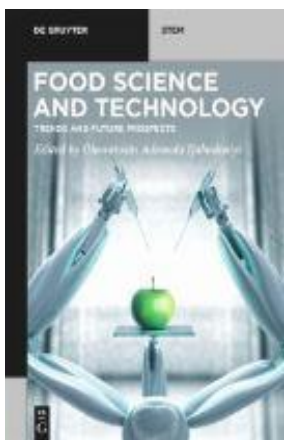
10		Principles of inorganic chemistry by Brian W. Pfennig, 2nd ed. Hoboken: Wiley, 2022. xvi, 804. Includes bibliography and index (p. 797-804) ISBN: 9781119650324 Subject Terms: Structure of matter, Structure of the atom, Chemical bonding, Molecular geometry, Chemical structure and reactivity 546 PFE-P 178064-178065; CL; CHY Click for more details.
11		Biomimetic nanotechnology: senses and movement by Anja Mueller, 2nd ed. Berlin: De Gruyter, 2023. xii, 128 p., - De Gruyter graduate. Includes index (p. 129) ISBN: 9783110779189 Subject Terms: Cell biology, Nanoscale reactions, Medicinal chemistry, Biomimicry, Human senses, Artificial nose, Sensor technology 612.8:620.3 MUE-B 178121; CL Click for more details.
12		Biomolecules: from genes to proteins by Shikha Kaushik and Anju Singh. Berlin: De Gruyter, 2023. x, 195 p. Includes index (p.193 - 195) ISBN: 9783110793758 Subject Terms: Nucleic acids, Proteins, Carbohydrates, Lipids, Biosystems 577.1 KAU-B 178122; CL Click for more details.
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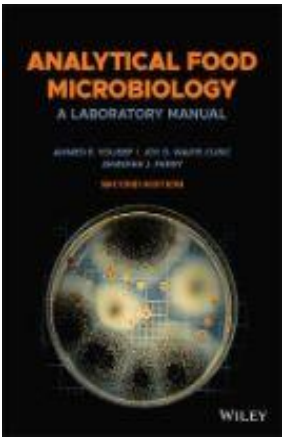
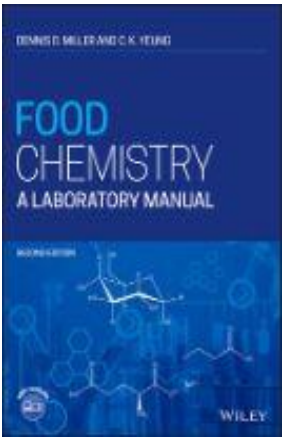
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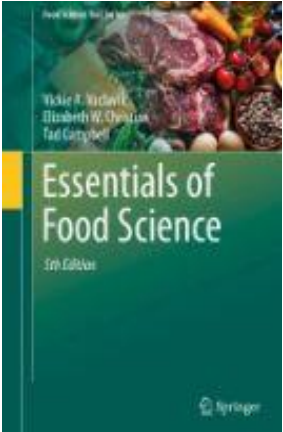
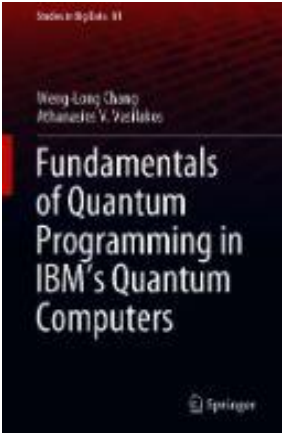
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18		Cell biology: a short course by Stephen Bolsover... (et al.), 4th ed. New Jersey: Wiley, 2022. xv, 320 p. Includes index (p.307-320) ISBN: 9781119757764 Subject Terms: Cell biology, Cytologie, Protein structure, Genetic engineering, Genetic code 576.31 -CEL 178153; CL Click for more details.
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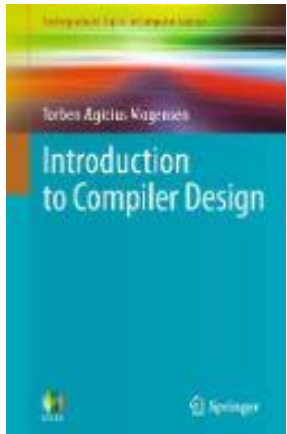
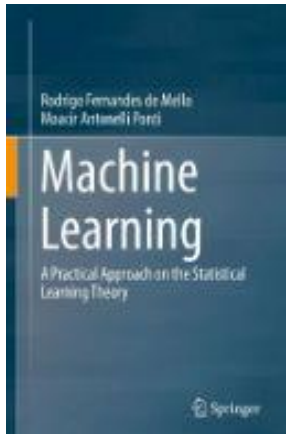
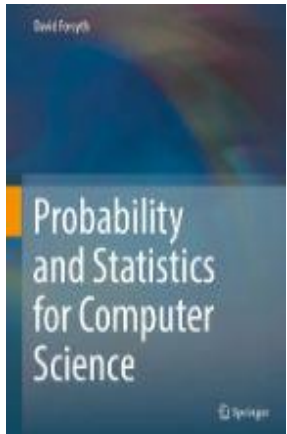
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21		Solid-state electrochemistry: essential course notes and solved exercises by Abdelkader Hammou and Samuel Georges. Cham: Springer, 2020. xvi, 325 p. Includes index (p.321-325) ISBN: 9783030396619 Subject Terms: Ionic crystals, Electrochemistry, Spectroscopy, Chemistry – Inorganic, Electrode reactions 544.6 HAM-S 178156; TB Click for more details.
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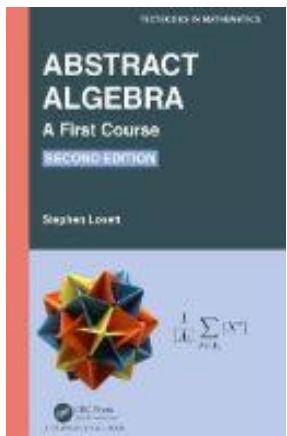
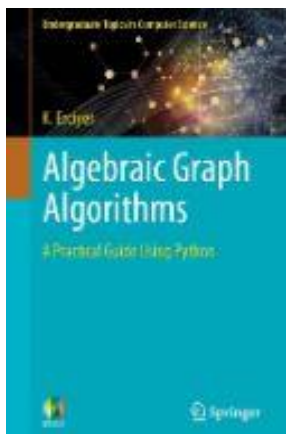
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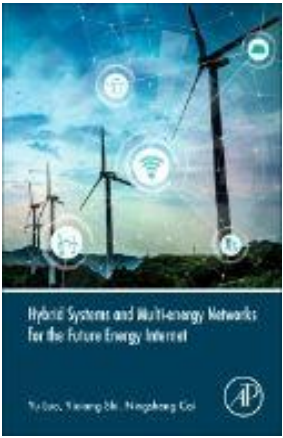
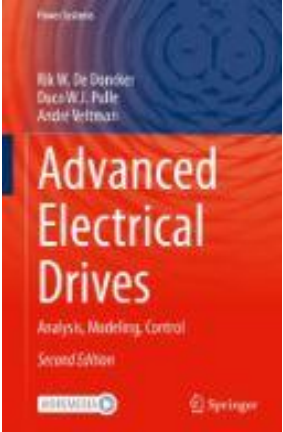
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26		Validating preventive food safety and quality controls: an organizational approach to system design and implementation by John M. Ryan. London: Elsevier, 2017. xvii, 332 p. Includes bibliography and index (p. 325-332) ISBN: 9780128109946 Subject Terms: Food industry and trade - Quality control, Food industry and trade - Safety measures, Food - Safety measures, Food processing operations, Environmental monitoring and sampling 664.8:366.544 RYA-V 178097; CL Click for more details.
27		Food science and technology: trends and future prospects edited by Oluwatosin Ademola Ijabadeniyi. Berlin: De Gruyter, 2021. xiii, 525 p., - De Gruyter stem. Includes index (p. 521-525) ISBN: 9783110667455 Subject Terms: Food – Composition, Food biotechnology, Food microbiology, Nutrition, Food entrepreneurs 664 -FOO 178126-178127; CL; CRDT Click for more details.

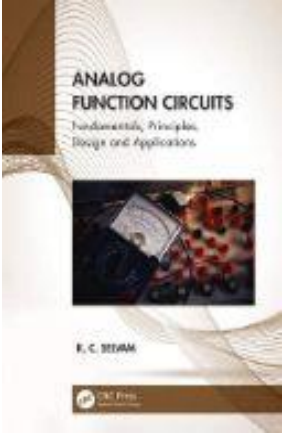
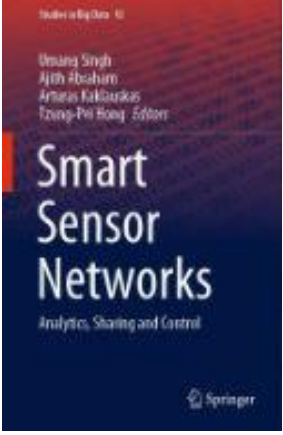
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29		Analytical food microbiology: a laboratory manual by Ahmed E. Yousef, Joy G. Waite-Cusic and Jennifer J. Perry, 2nd ed. Hoboken: Wiley, 2022. ix, 386p. Includes bibliography and index (p.379-386) ISBN: 9780470425114 Subject Terms: Microbiological analysis, Food microbiota, Food borne pathogens, Laboratory safety, Food microbiology - Laboratory manual 579.67(076.5) YOU-A 178129; CL Click for more details.
30		Food chemistry: a laboratory manual by Dennis D. Miller and C.K. Yeung, 2nd ed. Hoboken: Wiley, 2022. xix, 199 p. Includes bibliography and index (p.195-199) ISBN: 9780470639313 Subject Terms: Food analysis - Laboratory manual, Food – Composition, Food hydrocolloids, Functional properties – proteins, Lipid oxidation, Plant pigments 664(076.5) MIL-F 178130; CL Click for more details.
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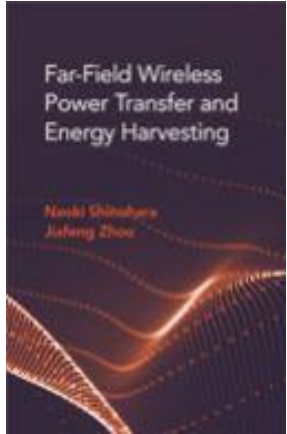
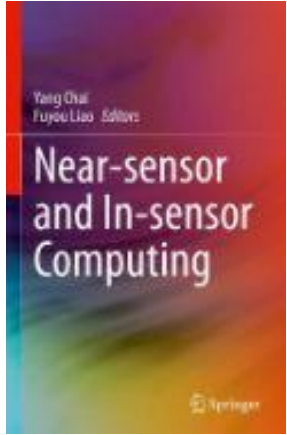
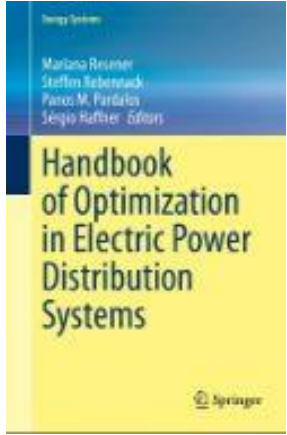
31		Essentials of food science by Vickie A. Vaclavik, Elizabeth W. Christian and Tad Campbell, 5th ed. Cham: Springer, 2021. xxii, 481 p., - Food science and text series. Includes index (p. 459- 481) ISBN: 9783030468132 Subject Terms: Nutrition, Food analysis, Food composition, Food biotechnology, Food industry and trade 664 VAC-E 178149; CL Click for more details.
S.No	Computer Science and Engineering	
32		ARM microprocessor systems: cortex-m architecture, programming, and Interfacing by Muhammad Tahir and Kashif Javed. Boca Raton: CRC Press, 2018. xi, 498 p. Includes bibliography and index (p. 493-498) ISBN: 9781138387539 Subject Terms: Computer literacy, Computers - Information technology, Interrupts architecture, Programming, Data processing instructions, Interfacing, Serial communication interfaces 681.3.01 TAH-A 178083; CL Click for more details.
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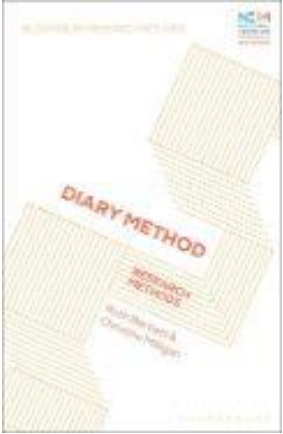
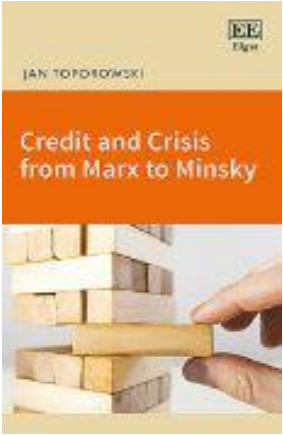
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35		Machine learning: a practical approach on the statistical learning theory by Rodrigo Fernandes de Mello and Moacir Antonelli Ponti, Cham: Springer, 2018. xv, 362 p. ISBN: 9783030069490 Subject Terms: Artificial intelligence, Mathematical statistics, Multilayer perceptron, Sigmoidal kernel, Linear algebra, SVM kernel trick 681.3 MEL-M 178132; CL Click for more details.
36		Probability and statistics for computer science by David Forsyth, Cham: Springer, 2018. xxiv, 367p. Includes index (p.363 - 367) ISBN: 9783319877884 Subject Terms: Plotting data, Regression, Computer simulation, Probability distribution, Clustering 519.21:681.3 FOR-P 178133; CL Click for more details.
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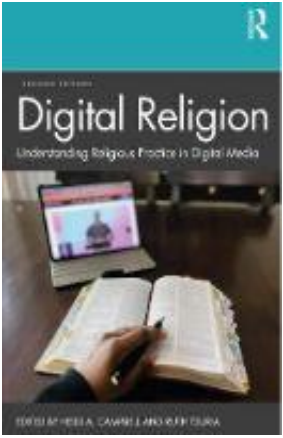
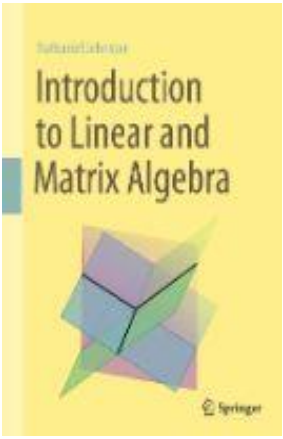
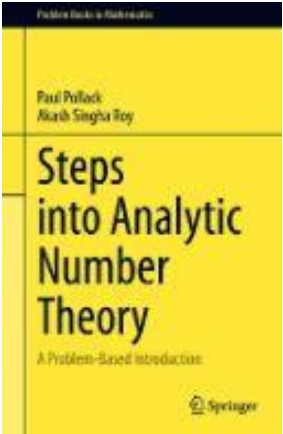
37		Understanding programming languages by Jones, Cliff B., Cham: Springer, 2020. xi, 229 p. Includes bibliography and index (p.211-229) ISBN: 9783030592592 Subject Terms: Software engineering, Computer programming, Computer software, Computers, Programming languages, Electronic computers 681.3.06 JON-U 178134; CL Click for more details.
38		Abstract algebra: a first course by Stephen Lovett, 2nd ed. Boca Raton: CRC Press, 2022. xii, 557 p., - Textbooks in mathematics. Includes bibliography and index (p.547-557) ISBN: 9781032289397 Subject Terms: Groups, Quotient groups, Euclidean, Domains, Field extensions, Group theory 512 LOV-A 178137; CL Click for more details.
39		Algebraic graph algorithms: a practical guide using python by K. Erciyes, Cham: Springer, 2021. xiii, 221p., - Undergraduate topics in computer science. Includes index (p.219-221) ISBN: 9783030878856 Subject Terms: Sequential algorithms, Bioinformatics, Discrete mathematics, Graph theory, Matroids 519.17:681.3.06P ERC-A 178138; CL Click for more details.
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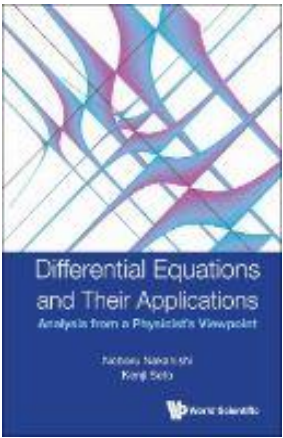
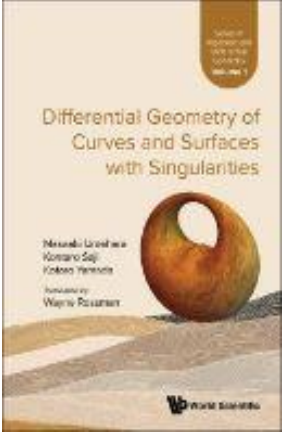
S.No	Electrical Engineering	
40		Hybrid systems and multi-energy networks for the future energy internet by Yu Lou, Yixiang Shi and Ningsheng Cai, London: Elsevier, 2021. ix, 240p. Includes index (p.235-240) ISBN: 9780128191842 Subject Terms: Distributed hybrid system, Energy generation, Power resources, Electrical engineering, Renewable energy 621.311.1 LUO-H 178061; CL Click for more details.
41		OPNET IoT simulation by Min Chen, Yiming Miao and Iztok Humar, Singapore: Springer, 2019. xxi, 674 p. ISBN: 9789813291720 Subject Terms: Internet of things, Computer simulation, Simulation methods, Sensor network, Broadband internet of things, Wireless network caching 681.3 CHE-O 178074; CL Click for more details.
42		Advanced electrical drives: analysis, modeling, control by Rik W. De Doncker, Duco W.J. Pulle and Andre Veltman, 2nd ed. Cham: Springer, 2020. xxxvii, 419 p., - Power systems. Includes bibliography and index (p.417-419) ISBN: 9783030489793 Subject Terms: Electric driving, Electrical engineering, Electric controllers, Mechatronics, Power electronics, Robotics, Automatic control 621.313.13 DON-A 178080-178081; CL; EE Click for more details.

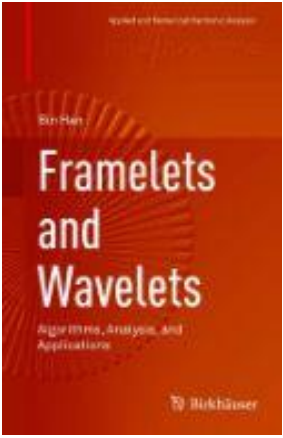
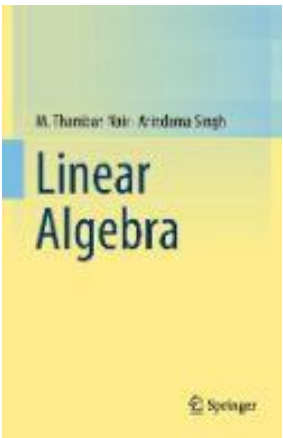
43		Analog function circuits: fundamentals, principles, design and application by K. C. Selvam, Boca Raton: CRC Press, 2022. xxiii, 478 p. Includes bibliography and index (p. 475-478) ISBN: 9781032081601 Subject Terms: Operational amplifiers, Analog integrated circuits, Linear integrated circuits, Active filters, Power factor measurement, Phase sensitive detectors 621.3.049 SEL-A 178082; CL Click for more details.
44		Smart sensor networks: analytics, sharing and control edited by Umang Singh... (et al.), Cham: Springer, 2022. xiii, 227p., - Studies in big data. Includes index (p. 227) ISBN: 9783030772147 Subject Terms: Intelligent sensors, Machine learning, Artificial intelligence, Network devices, Data analysis 681.586 -SMA 178092; CL Click for more details.
45		Advanced cybersecurity technologies by Ralph Moseley, Boca Raton: CRC Press, 2022. xix, 204 p. Includes bibliography and index (p. 199-204) ISBN: 9780367562328 Subject Terms: Cyberspace - Security measures, Computer networks - Security measures, Computer security, Cryptography, Social engineering, Digital forensics 681.3-7 MOS-A 178094; CL Click for more details.
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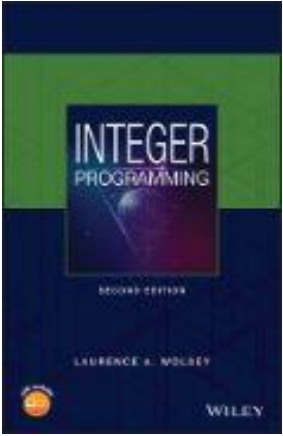
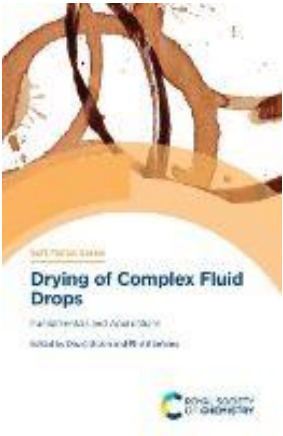
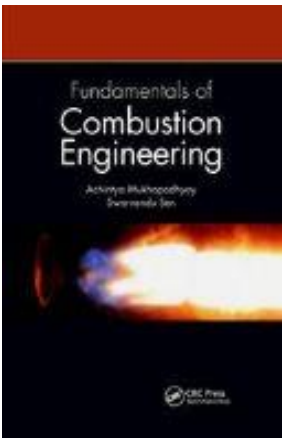
46		Far field wireless power transfer and energy harvesting edited by Naoki Shinohara and Jiafeng Zhou, Boston: Artech House, 2023. x, 222 p. Includes index (p. 215-222) ISBN: 9781630819125 Subject Terms: Radiative wireless power transfer, Wireless communication, Energy harvesting, Smart grid application, Solar power satellite 621.391 -FAR 178146; CL Click for more details.
47		Near-sensor and in-sensor computing edited by Yang Chai and Fuyou Liao, Cham: Springer, 2022. v, 240 p. Includes index (p.239 - 240) ISBN: 9783031115059 Subject Terms: Electronic circuits, Neural networks, Intuitive computing, Neuromorphic computing, Neuromorphic sensors 681.586 -NEA 178147; CL Click for more details.
S.No	Energy Science and Engineering	
48		Handbook of optimization in electric power distribution systems by Mariana Resener... (et al.), Cham: Springer, 2020. xi, 382 p., - Energy systems. ISBN: 9783030361143 Subject Terms: Power resources - Management, Mathematical optimization, Operations research, Decision making, Energy policy 621.316 -HAN 178096; CL Click for more details.
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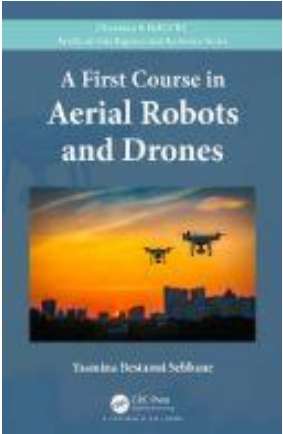
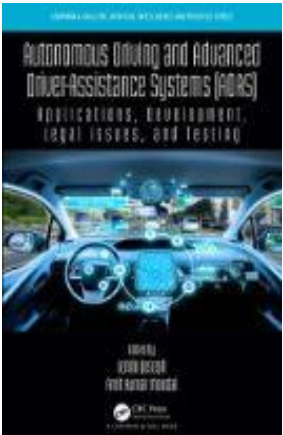
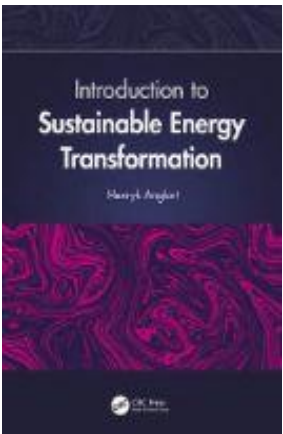
S.No	Humanities & Social Sciences	
49		Diary method: research methods by Ruth Bartlett and Christine Milligan, London: Bloomsbury, 2021. x, 121p., - Bloomsbury research methods. Includes index (p. 115-121) ISBN: 9781350187177 Subject Terms: Diary techniques, Analysing diary data, Technological trends, Diary based research, Diary keeping 303.4 BAR-D 178091; HSS Click for more details.
50		Constructive mind: Bartlett's psychology in reconstruction by Brady Wagoner, Cambridge: Cambridge University Press, 2018. xii, 227 p. Includes reference and index (p.206 - 227) ISBN: 9781108729697 Subject Terms: Constructive remembering, Cambridge psychologist, Social psychology, Cultural diffusion, Cognitive psychology 159.9 WAG-C 178142; CL Click for more details.
51		Credit and crisis from marx to minsky by Jan Toporowski, Cheltenham: Edward Elgar, 2021. xi, 175p. Includes bibliography and index (p.159-175) ISBN: 9781802205077 Subject Terms: Economic theory, Financial fragility, Finance, Financial risk, Business cycle 338.124.4 TOP-C 178143; CL Click for more details.
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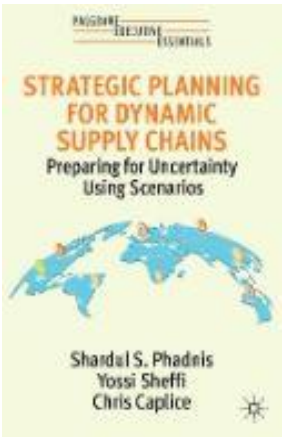
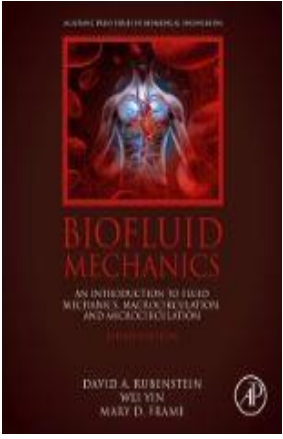
52		Digital religion: understanding religious practice in digital media edited by Heidi A. Campbell and Ruth Tsuria, 2nd ed. New York: Routledge, 2022. xii, 294 p. Includes index (p.282-294) ISBN: 9780367272364 Subject Terms: Mass media in religion, Digital media, Digital media - Religious aspects, Internet - Religious aspects, Religion and new media 2-4:316.472.4 -DIG 178144; CL Click for more details.
S.No	Mathematics	
53		Introduction to linear and matrix algebra by Nathaniel Johnston, Cham: Springer, 2021. xvi, 482p. Includes bibliography and index (p. 475 - 482) ISBN: 9783030528102 Subject Terms: Linear transformations, Matrix theory, Elementary matrices, Determinants, Diagonalization, Roots polynomials 512.643 JOH-I 178111; CL Click for more details.
54		Steps into analytic number theory: a problem-based introduction by Paul Pollack and Akash Singh Roy, Cham: Springer, 2021. xiii, 197 p., - Problem books in mathematics. ISBN: 9783030650766 Subject Terms: Mathematics - study and teaching, Asymptotic analysis, Calculus, Arithmetic functions, Prime number 511.3 POL-S 178112; CL Click for more details.
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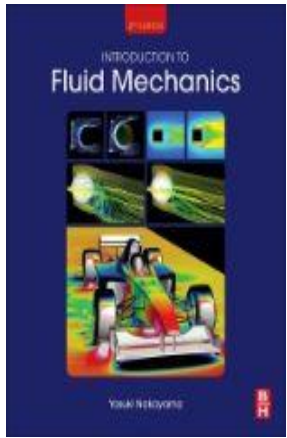
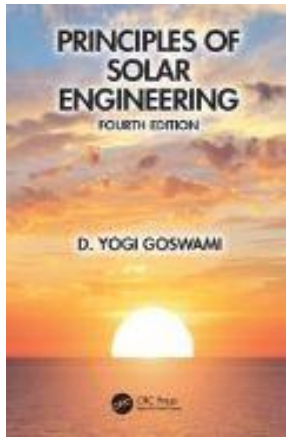
55		Differential equations and their applications: analysis from a physicist's viewpoint by Noboru Nakanishi and Kenji Seto, Singapore: World Scientific, 2023. ix, 385 p. Includes index (p. 381-385) ISBN: 9781944660710 Subject Terms: Differential operators, Ordinary differential equations, Partial differential equations, Operational calculus, Analytic functions 517.9 NAK-D 178116; CL Click for more details.
56		Differential geometry of curves and surfaces with singularities by Masaaki Umehara, Kentaro Saji and Kotaro Yamada; translated by Wayne Rossman, Singapore: World Scientific, 2023. xvi, 370 p., - Series in algebraic and differential geometry. Includes bibliography and index (p. 361-370) ISBN: 9781944660451 Subject Terms: Cusp singularity, Swallowtails, Gaussian curvature, Gauss - Bonnet type formulas, Coherent tangent bundle 514.7 UME-D 178117; CL Click for more details.
57		Abstract algebra: an introduction with applications by Derek J.S. Robinson, 3rd ed. Berlin: De Gruyter, 2022. xv, 440 p., - De Gruyter graduate. Includes bibliography and index (p. 429-440) ISBN: 9783110686104 Subject Terms: Vector spaces, Tensor products, Homomorphisms, Groups acting on sets, Galois theory, Introductions to rings 512 ROB-A 178118; CL Click for more details.
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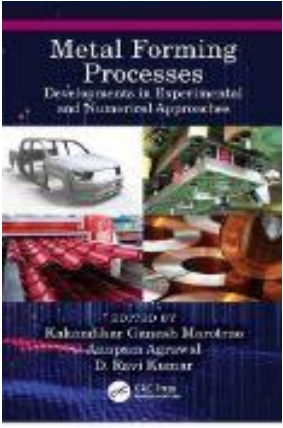
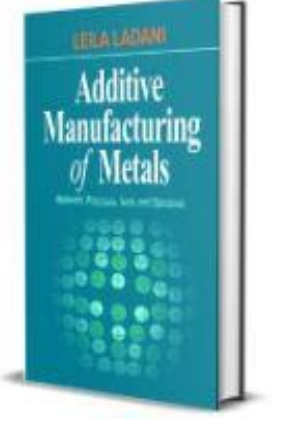
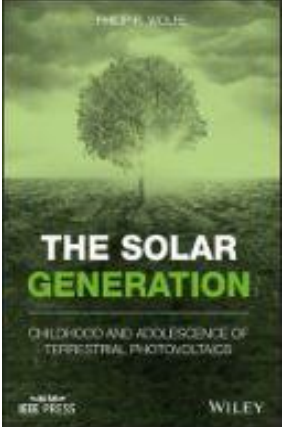
58		Analysis and beyond: an introduction with examples and exercises by Shigeru Kanemitsu, Takako Kuzumaki and Jianya Liu, Singapore: World Scientific, 2021. xiii, 313p. Includes bibliography and index (p.305-313) ISBN: 9780000990419 Subject Terms: Mathematical analysis, Algorithms, Vector analysis, Topological spaces, Continuity of real numbers 517 KAN-A 178119-178120; CL; MA Click for more details.
59		Framelets and wavelets: algorithms, analysis, and applications by Bin Han, Cham: Springer, 2017. xxx, 724 p., - Applied and numerical harmonic analysis. Includes index (p.701 - 719) ISBN: 9783319886176 Subject Terms: Fourier analysis, Approximation theory, Engineering mathematics, Image processing, Computer vision 517.986.6 HAN-F 178140; CL Click for more details.
60		Linear algebra by M. Thamban Nair and Arindama Singh, Singapore: Springer, 2018. xi, 341 p. Includes index (p. 337-341) ISBN: 9789811309250 Subject Terms: Vector spaces, Linear transformations, Elementary operations, Inner product space, Spectral representation 512.64 NAI-L 178141; CL Click for more details.
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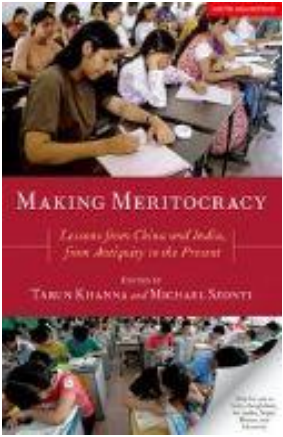
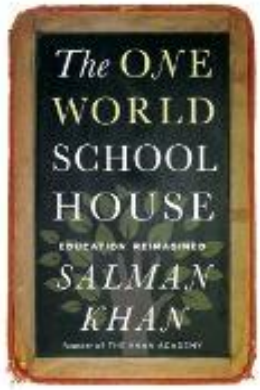
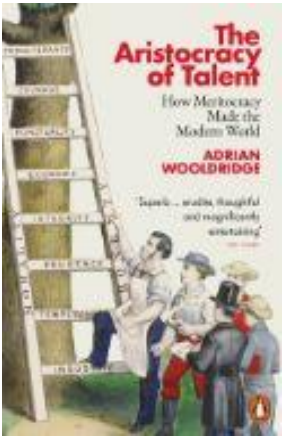
S.No	Mechanical Engineering	
61		Integer programming by Laurence A. Wolsey, 2nd ed. Hoboken: Wiley, 2021. xix, 316p. Include bibliography and index (p.291-316) ISBN: 9781119606536 Subject Terms: Linear programming, Dynamic programming, Polynomial reduction, Lagrangian duality, Benders' algorithm 519.85 WOL-I 178053; CL Click for more details.
62		Drying of complex fluid drops: fundamentals and applications edited by David Brutin and Khellil Sefiane, Cambridge: RSC Publishing, 2022. xii, 262 p., - Soft matter series. Includes index and bibliography (p. 255-262) ISBN: 9781788017909 Subject Terms: Complex fluids, Fluid dynamics, Newtonian liquids, Ternary sessile drops, Inkjet printed drops, Complex dairy fluids, Human blood drops, Bloodstains 532.5 -DRY 178056; 178106; CL; ME Click for more details.
63		Fundamentals of combustion engineering by Achintya Mukhopadhyay and Swarnendu Sen, Boca Raton: CRC Press, 2020. xvii, 317 p. Includes bibliography and index (p.309-317) ISBN: 9780367731540 Subject Terms: Energy, Thermodynamics, Chemical kinetics, Reactor models, Turbulent combustion, Combustion diagnostics 662.6/.9 MUK-F 178057; ME Click for more details.

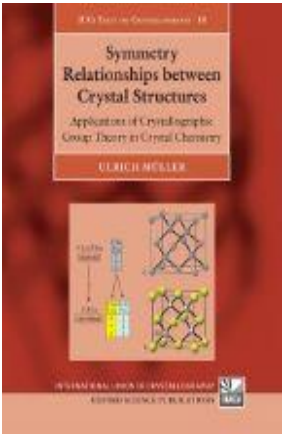
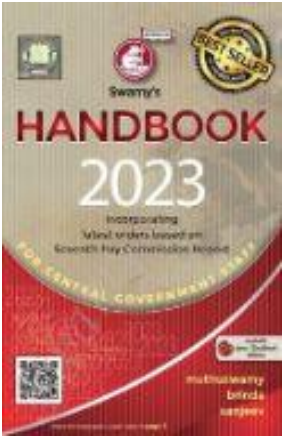
64		First course in aerial robots and drones by Yasmina Bestaoui Sebbane, Boca Raton: CRC Press, 2022. xv, 199 p., - Chapman & Hall/CRC artificial intelligence and robotics series. Includes bibliography and index (p. 197-199) ISBN: 9780367631383 Subject Terms: Drone aircraft, Airplanes - Radio control, Airplanes, Artificial Intelligence, Flight mechanics, Radio communication 629.73 SEB-F 178076-178077; CL; ME Click for more details.
65		Autonomous driving and advanced driver-assistance systems (ADAS): applications, development, legal issues, and testing edited by Lentin Joseph and Amit Kumar Mondal, Boca Raton: CRC Press, 2022. xviii, 519 p., - Chapman and Hall/ CRC artificial intelligence and robotics series. Includes bibliography and index (p. 505-519) ISBN: 9780367499747 Subject Terms: Automated vehicles, Driver assistance systems, Automation, Human computer intelligence, Machine learning, Navigation 629.05 -AUT 178078; CL Click for more details.
66		Introduction to sustainable energy transformation by Henryk Anglart, Boca Raton: CRC Press, 2022. xviii, 371 p. Includes bibliography and index (p. 361-371) ISBN: 9780367470807 Subject Terms: Renewable energy sources, Mechanical and electromagnetic energy, Biological and chemical energy, Nuclear energy, Thermal energy, Wind energy 502.174.3 ANG-I 178086; CL Click for more details.

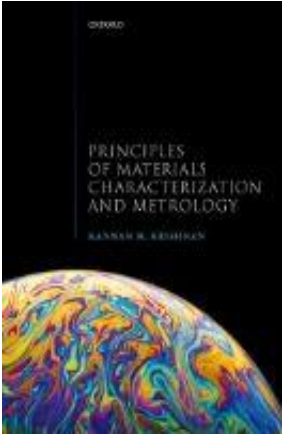
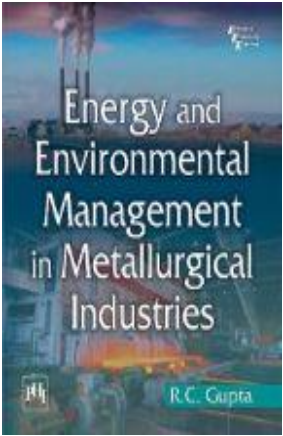
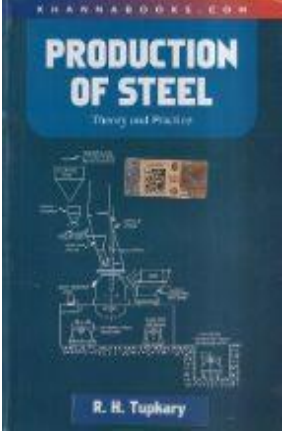
67		Metal additive manufacturing for propulsion applications edited by Paul R. Gradl... (et al.), USA: American Institute of Aeronautics and Astronautics (AIAA), 2022. xix, 849p., - Progress in Astronautics and Aeronautics. Includes index (p.833- 849) ISBN: 9781624106262 Subject Terms: Astronautics, Aeronautics, Metallurgy, Metal alloys, Aerospace industry 629.7.03:669 -MET 178089; CL Click for more details.
68		Strategic planning for dynamic supply chains: preparing for uncertainty using scenarios by Shardul S. Phadnis, Yossi Sheffi and Chris Caplice, Cham: Springer, 2022. xxv, 226 p. Includes bibliography and index (p.221-226) ISBN: 9783030918125 Subject Terms: Business logistics - Decision making, Business logistics - Management, Physical distribution of goods - Management, Delivery of goods - Management, Tool for organizational learning 658.5/.8:005.51 PHA-S 178090; CL Click for more details.
69		Biofluid mechanics: an introduction to fluid mechanics, macrocirculation, and microcirculation by David A. Rubenstein, Wei Yin and Mary D. Frame, 3rd ed. London: Elsevier, 2022. xiii, 618 p. Includes index (p. 605-618) ISBN: 9780128180341 Subject Terms: Body fluids – Physiology, Biological control systems, Body fluid flow, Blood circulation, Biofluid mechanics 612.1 RUB-B 178105; CL Click for more details.

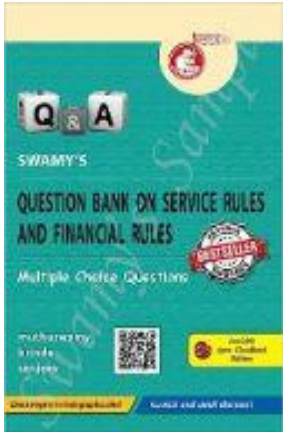
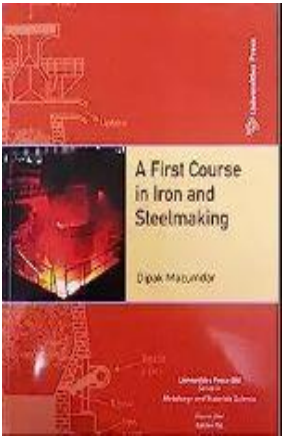
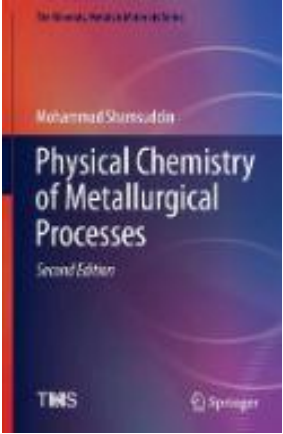
70		Introduction to fluid mechanics by Yasuki Nakayama, 2nd ed. Oxford: Elsevier, 2018. xvi, 383p. Includes index (p.373-383) ISBN: 9780081024379 Subject Terms: Fluid Statics, Fluid mechanics - History, Fluid characteristics, Flow velocity, Fluid dynamics 532 NAK- I 178107; ME Click for more details.
71		Principles of solar engineering by D. Yogi Goswami, 4th ed. Boca Raton: CRC Press, 2023. xxi, 634p. ISBN: 9781032155005 Subject Terms: Solar radiation, Solar thermal energy, Energy storage, Solar heater systems, Solar cooling, Solar desalination, Photovoltaics 523.72 GOS-P 178115; CL Click for more details.
72		Handbook of machining with grinding wheels by Ioan D. Marinescu... (et al.), 2nd ed. Boca Raton: CRC Press, 2019. xxv, 724 p. Includes index (p.695 - 724) ISBN: 9780367868703 Subject Terms: Industrial engineering and manufacturing, Materials science, Mechanics, Grinding wheels, Grinding and polishing 621.922(021) -HAN 178135; ME Click for more details.
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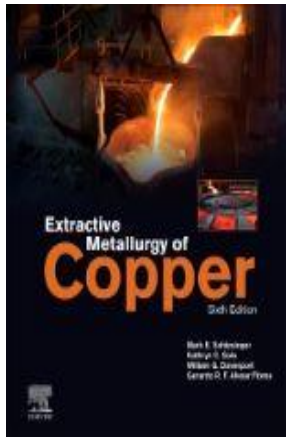
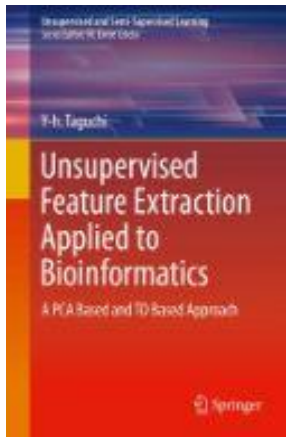
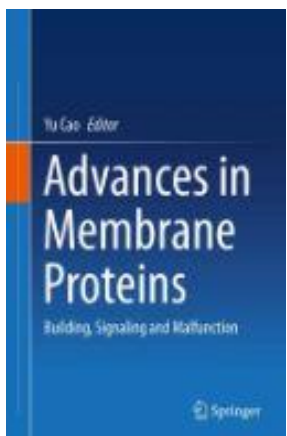
73		Metal forming processes: developments in experimental and numerical approaches edited by Kakandikar Ganesh Marotrao, Anupam Agrawal and D. Ravi Kumar, Boca Raton: CRC Press, 2023. xii, 235 p. Includes index (p. 233 - 235) ISBN: 9781032128900 Subject Terms: Metal work – Mathematics, Forming of sheets, Cryorolling – Aluminum, Tribological behavior, Sheet forming technology 621.7.04/.07 -MET 178136; CL Click for more details.
74		Additive manufacturing of metals: materials, processes, tests, and standards by Leila Ladani, Pennsylvania: DEStech Publishing, 2021. xiv, 251 p. Includes index (p.249-251) ISBN: 9781605956008 Subject Terms: Powder bed technology, Microstructural modeling, Alloys, Manufacturing standards, Liquid bed processes 620.1 LAD-A 178145; CL Click for more details.
S.No	Management Studies	
75		Solar generation: childhood and adolescence of terrestrial photovoltaics by Philip R. Wolfe, Hoboken: Wiley, 2018. xii, 411p. Includes index (p.369-411) ISBN: 9781119425588 Subject Terms: Photovoltaics, Photovoltaic power generation – Economic, Solar energy industries, Photovoltaic research, Terrestrial solar applications 621.311.243 WOL-S 178157; CL Click for more details.
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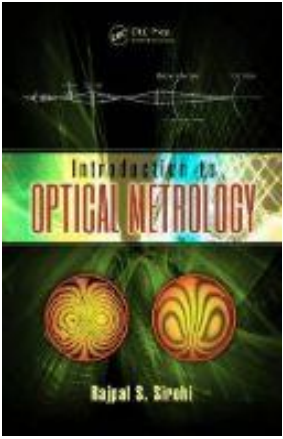
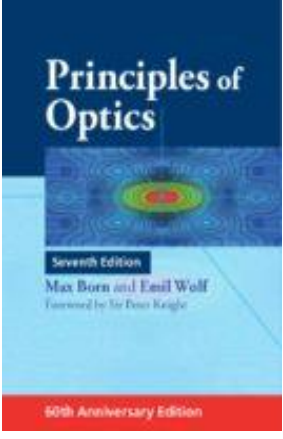
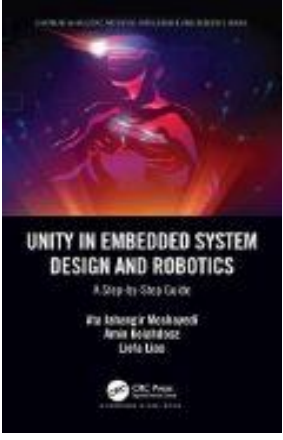
76		Making meritocracy: lessons from China and India, from antiquity to the present edited by Tarun Khanna and Michael Szonyi, New York: Oxford University Press, 2022. xii, 382p. Includes bibliography and index (p. 345- 382) ISBN: 9780197751497 Subject Terms: Social stratification, Social differentiation, Social structure, Sociology, Government 316.34(510:540) -MAK 178158; CL Click for more details.
77		One world schoolhouse: education reimagined by Salman Khan, London: Hodder & Stoughton, 2012. vi, 259p. ISBN: 9781444762556 Subject Terms: Free education, Life story, Effective teaching, Nonfiction, Technology enabled learning 37 KHA-O 178159; CL Click for more details.
78		Aristocracy of talent: how meritocracy made the modern world by Adrian wooldridge, .UK: Penguin books, 2023. viii, 482p. Includes index (p.445-482) ISBN: 9780141990378 Subject Terms: History, Social development, Politics, Sociology, Society 316.444 WOL-A 178160; CL Click for more details.
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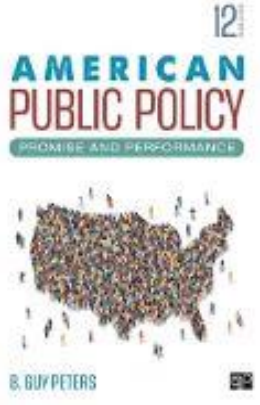
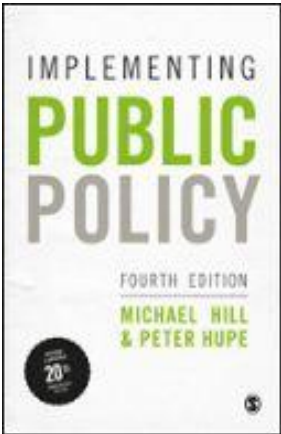
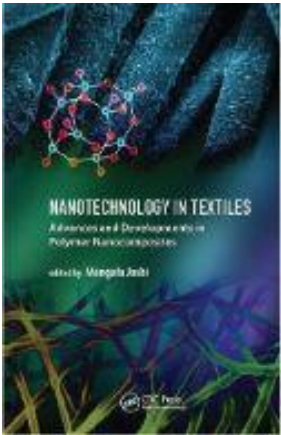
S.No	Materials Science & Engineering	
79		Symmetry relationships between crystal structure: applications of crystallographic group theory in crystal chemistry by Muller, Ulrich, Oxford: Oxford University Press, 2017. xvi, 332 p., - International union of crystallography texts on crystallography. Includes bibliography and index (p. 327-332) ISBN: 9780198807209 Subject Terms: Crystals - Structure, Crystallographic, Mappings in crystallography, Basics of crystallography, Molecular compounds, Topotactic reactions 548.735 MUL-S 178060; CL Click for more details.
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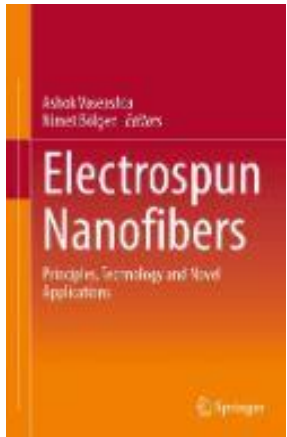
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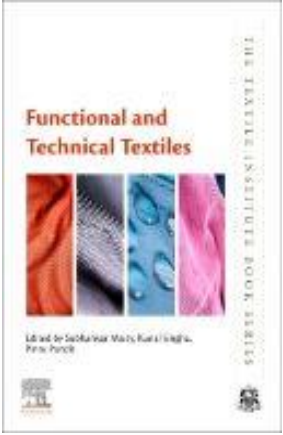
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Researcher	by Aashi Jindal
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Researcher	by Abhishek Sit
Department	Department of Mechanical Engineering, IITD
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Researcher	by Shailabh Tewari
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