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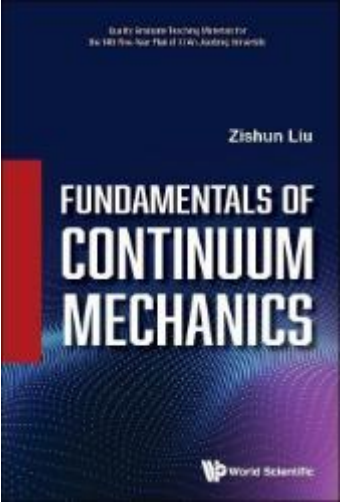
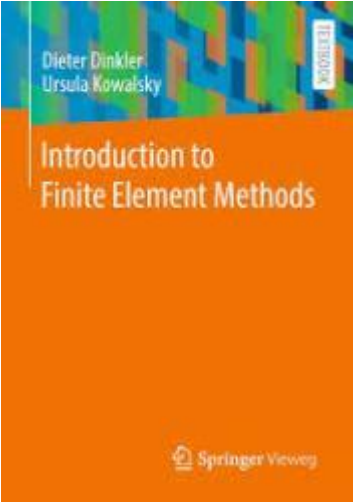
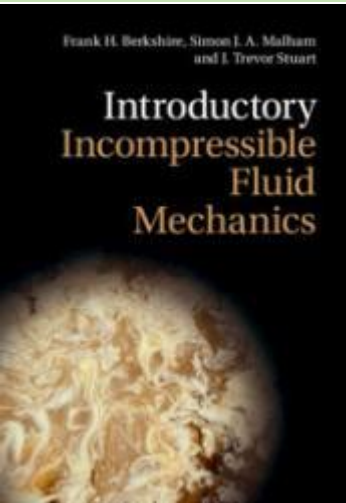
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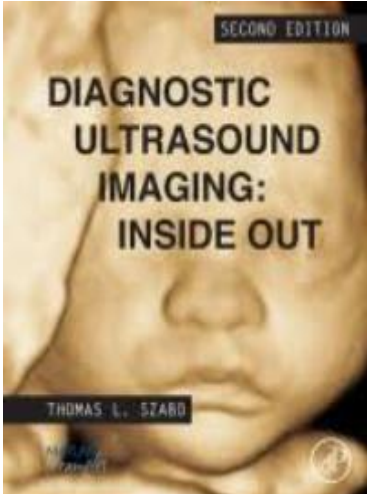
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Applied Mechanics

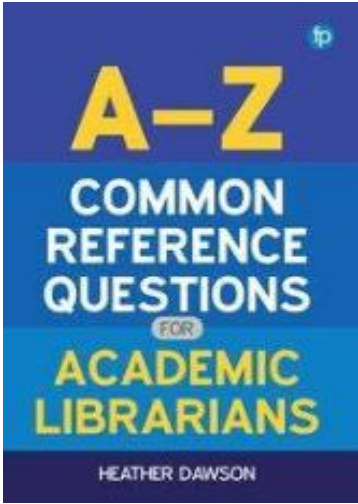
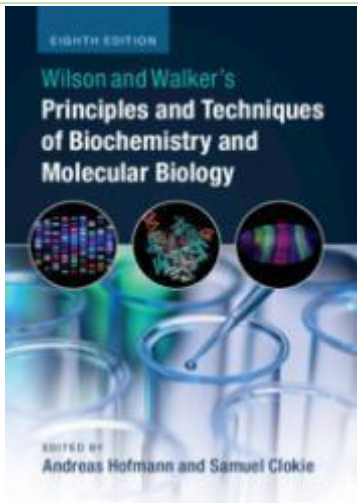
1		<p>Fundamentals of continuum mechanic by Zishun Liu, New Jersey: World Scientific, 2024. xi, 373 p., ISBN: 9789811283789</p> <p>Subject Terms: Quantinum mechanics; Finite element method; Vectors and tensors; Continuum kinematics</p> <p>531 LIU-F</p> <p>Barcode: 179886; AM</p> <p>Click here for details.</p>
2		<p>Introduction to finite element methods by Dieter Dinkler and Ursula Kowalsky, Wiesbaden: Springer Vieweg, 2024. xiv, 443 p., ISBN: 9783658427412</p> <p>Subject Terms: FEM; Heat conduction; Membrane structures; Bending structures</p> <p>517.96 DIN-I</p> <p>Barcode: 179893; CL</p> <p>Click here for details.</p>
3		<p>Introductory incompressible fluid mechanics by Frank H. Berkshire, Simon J. A. Malham and J. Trevor Stuart, New York: Cambridge University Press, 2022. xvii, 316 p., ISBN: 9781009074704</p> <p>Subject Terms: Fluid flow; Kelvin circulation theorem; Boundary - Layer theory; Navier - Stokes flow; Viscous flow</p> <p>532 BER-I</p> <p>Barcode: 179945; CL</p> <p>Click here for details.</p>
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4		<p>Probabilistic graphical models: principles and techniques by Daphne Koller and Nir Friedman, London: MIT Press, 2009. xxxv, 1233 p., ISBN: 9780262013192</p> <p>Subject Terms: Bayesian method; Graphics; Mathematical statistics; Bayesian statistical decision theory - Graphic methods; Graphical modeling - Statistics</p> <p>519.67 KOL-P</p> <p>Barcode: 179941; AM</p> <p>Click here for details.</p>
5		<p>Underwater robots by Gianluca Antonelli, 4th ed., Berlin: Springer, 2018. xxx, 350 p., - Springer tracts in advanced robotics. ISBN: 9783319778983</p> <p>Subject Terms: Artificial intelligence; Automation; Autonomous underwater vehicles; Remotely operated vehicles; Mechanical engineering</p> <p>629.5:004.8 ANT-U</p> <p>Barcode: 179963; CL</p> <p>Click here for details.</p>
<h2 style="color: #0056b3;">Automotive Research and Tribology</h2>		
6		<p>Battery management systems by Gregory L. Plett, Norwood: Artech House, 2024. xiv, 380 p., Volume III: physics-based methods ISBN: 9781630819040</p> <p>Subject Terms: Battery chargers - Mathematical model; Battery management systems; Electric batteries; Electric circuits equivalent; Electric vehicles</p> <p>621.35 PLE-B</p> <p>Barcode: 179959-179960; CL; CART</p> <p>Click here for details.</p>

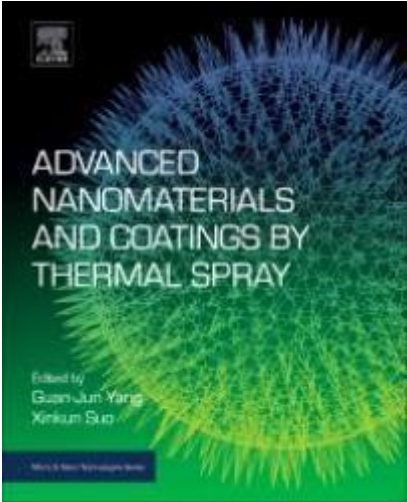
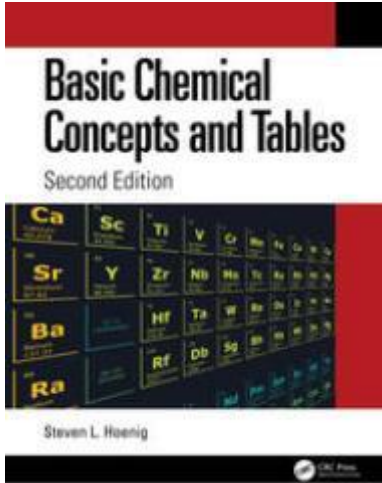
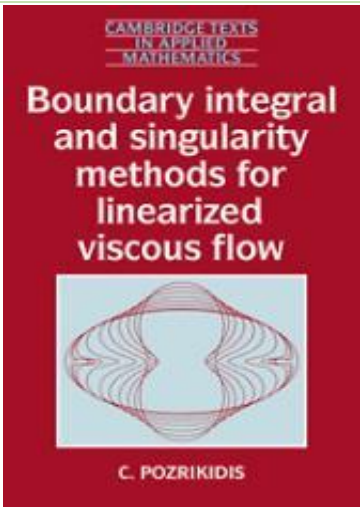
Biomedical Engineering

7		<p>Diagnostic ultrasound imaging: inside out by Thomas L. Szabo, 2nd ed., Oxford: Elsevier, 2014. xxii. 806 p.,</p> <p>ISBN: 9780123964878</p> <p>Subject Terms: Biotechnology; Diagnostic ultrasonic imaging; Imaging systems; Life sciences - Biophysics</p> <p>616-073 SZA-D</p> <p>Barcode: 179863; CL</p> <p>Click here for details.</p>
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Central Library*

8		<p>A-Z common reference questions for academic librarians by Heather Dawson, London: Facet Publishing, 2020. xii, 370 p.,</p> <p>ISBN: 9781783304110</p> <p>Subject Terms: Library and information science; Reference librarian; Academic libraries; Libraries</p> <p>02(079.1) DAW-A</p> <p>Barcode: 179883; CL</p> <p>Click here for details.</p>
9		<p>Wilson and Walker's principles and techniques of biochemistry and molecular biology edited by Andreas Hofmann and Samuel Clokie, 8th ed., New Delhi: Cambridge University Press, 2018. xxx, 929 p.,</p> <p>ISBN: 9781108716987</p> <p>Subject Terms: Biochemistry - Methodology; Biochemistry - Textbooks; Biochemistry - Methods; Cell culture techniques; Radioisotope techniques</p> <p>577 -WIL</p> <p>Barcode: 179948; CL</p> <p>Click here for details.</p>

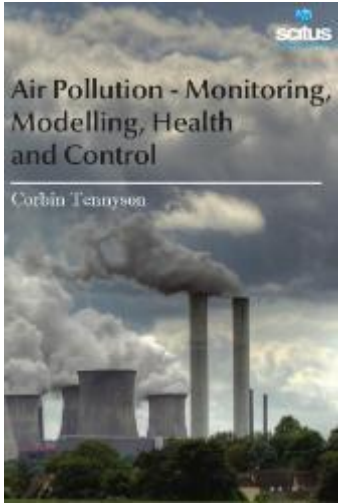
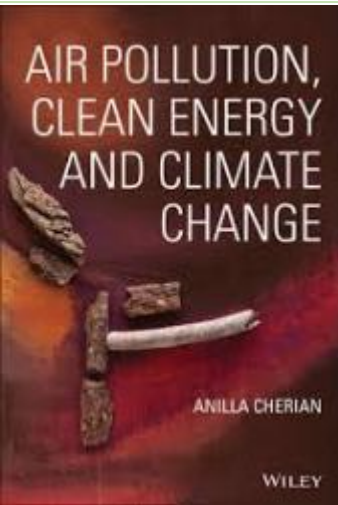
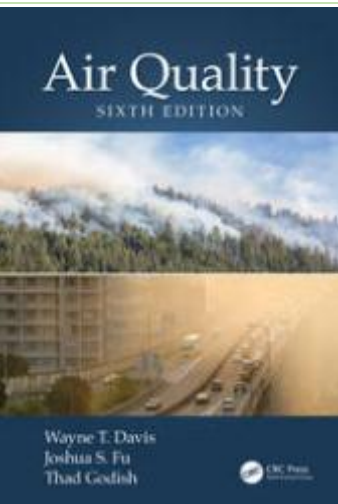
Chemical Engineering

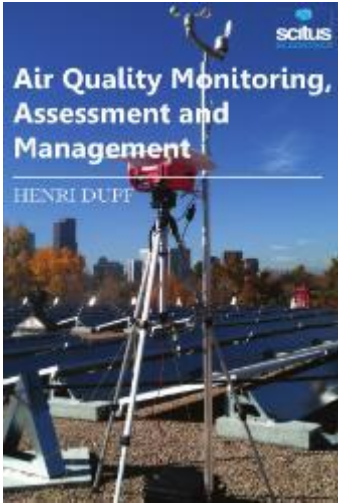

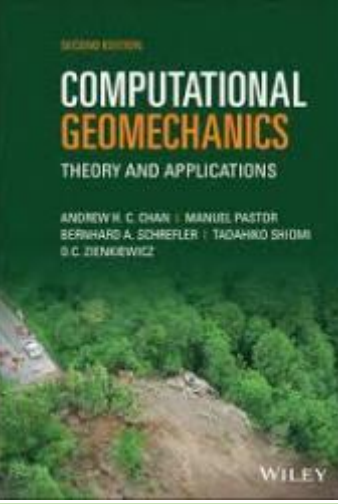
10		<p>Advanced nanomaterials and coatings by thermal spray: multi-dimensional design of micro-nano thermal spray coatings edited by Guan-Jun Yang and Xinkun Suo, Cambridge: Elsevier, 2019. x, 317 p., ISBN: 9780128138700</p> <p>Subject Terms: Coatings - thermal properties; Nanostructured materials; Technology and engineering; Engineering; Nanostructures</p> <p>621.793.7 -ADV</p> <p>Barcode: 179940; CHE</p> <p>Click here for details.</p>
11		<p>Basic chemical concepts and tables by Steven L. Hoenig, 2nd ed., Boca Raton: CRC Press, 2024. xvii, 285 p., ISBN: 9781032491196</p> <p>Subject Terms: Chemical engineering; Biotechnology; Heavy chemicals; Polymer science</p> <p>54 HOE-B</p> <p>Barcode: 179876; CL</p> <p>Click here for details.</p>
12		<p>Boundary integral and singularity methods for linearized viscous flow by C. Pozrikidis, Cambridge: Cambridge University Press, 1992. xi, 259 p., - Cambridge texts in applied mathematics. ISBN: 9780521406932</p> <p>Subject Terms: Boundary element methods; Fluids mechanics; Integral methods; Viscous flow - mathematic; Green's functions</p> <p>517.544:532.516 POZ-B</p> <p>Barcode: 179944; CL</p> <p>Click here for details.</p>
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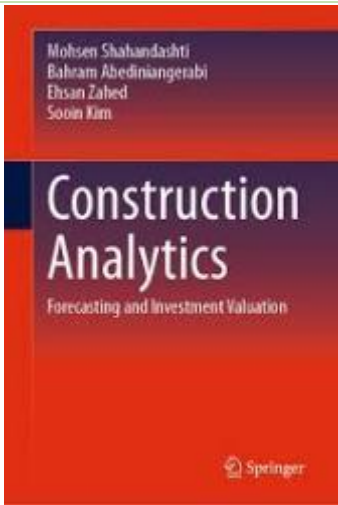
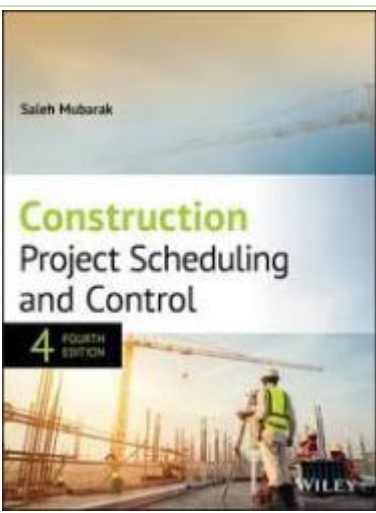
13		<p>Instrumental analysis by Robert M. Granger... (et al.), New York: Oxford University Press, 2019. xxvi, 592 p.,</p> <p>ISBN: 9780199942343</p> <p>Subject Terms: Spectroscopy; Optics; Quantum mechanics; Instrumental electronics</p> <hr/> <p>543.08 -INS</p> <hr/> <p>Barcode: 179895-179896; CL; CHE</p> <hr/> <p>Click here for details.</p>
14		<p>Metal phosphonate chemistry: from synthesis to applications edited by Abraham Clearfield and Konstantinos Demadis, Cambridge: RSC Publishing, 2011. xix, 655 p.,</p> <p>ISBN: 9781849733564</p> <p>Subject Terms: Materials science; Organometallic chemistry; Hydrothermal synthesis; Metal carboxyphosphonates; Lanthanide phosphonates</p> <hr/> <p>546.3:678.85 -MET</p> <hr/> <p>Barcode: 179903; CL</p> <hr/> <p>Click here for details.</p>
15		<p>Quantum transport: atom to transistor by Supriyo Datta, Cambridge: Cambridge University Press, 2005. xiv, 404 p.,</p> <p>ISBN: 9780521631457</p> <p>Subject Terms: Physics and astronomy; Nanotechnology; Optoelectronic devices; Mesoscopic physics</p> <hr/> <p>621.359.7 DAT-Q</p> <hr/> <p>Barcode: 179892; CL</p> <hr/> <p>Click here for details.</p>


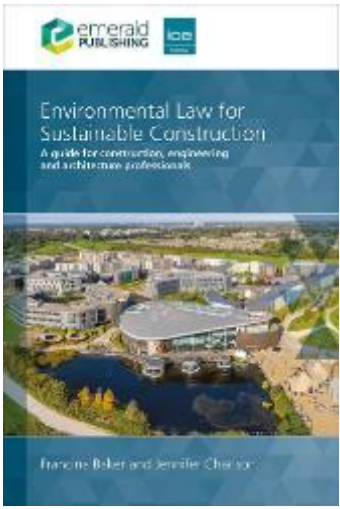

Chemistry


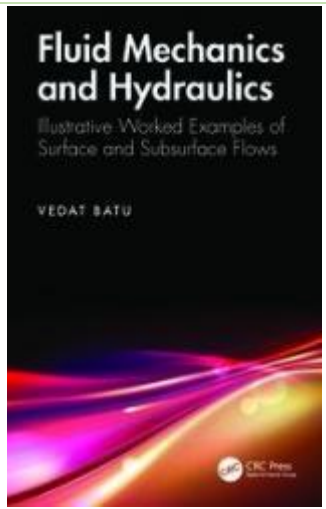
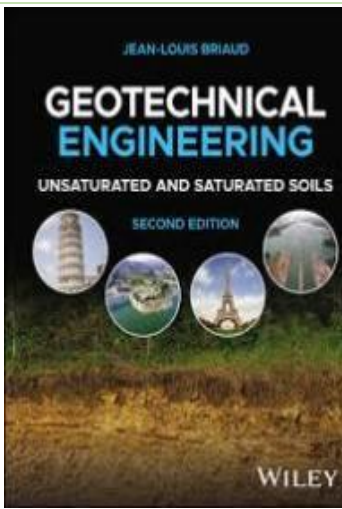
16		<p>Inorganic chemistry by Rory Reid, London: ED-Tech Press, 2018. xii, 330 p., ISBN: 9781788820561</p> <p>Subject Terms: Industrial inorganic chemistry; Materials science; Cluster chemistry; Pharmaceutical nomenclature</p>
		546 REI-I
		Barcode: 179867-179868; CL; CHY
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17		<p>Introduction to interfaces and colloids: the bridge to nanoscience by John C. Berg, 2nd ed., Singapore: World Scientific, 2024. xxi, 862 p., ISBN: 9789811286407</p> <p>Subject Terms: Interfaces - Physical sciences; Nanoscience; Nanotechnology; Fluid interfaces</p>
		544.7:620.3 BER-I
		Barcode: 179885; CHY
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<h2 style="color: #0056b3;">Civil Engineering</h2>		
18		<p>Air contaminants, ventilation, and industrial hygiene economics: practitioner's toolbox and desktop handbook by Roger Lee Wabeke, Boca Raton: CRC Press, 2013. xxxvi, 407 p., - Environmental and occupational health and safety. ISBN: 9781138073005</p> <p>Subject Terms: Air pollution; Mechanical engineering; Engineering and technology; Heating, ventilation and air conditioning; Civil, environmental and geotechnical engineering</p>
		614.71:66.013.8 WAB-A
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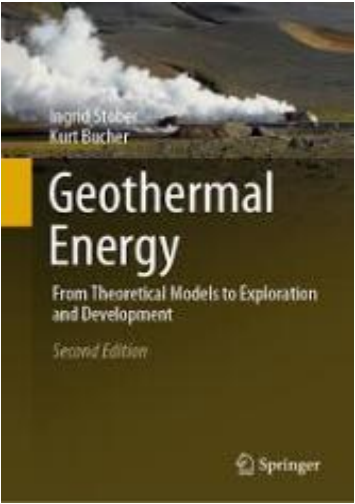
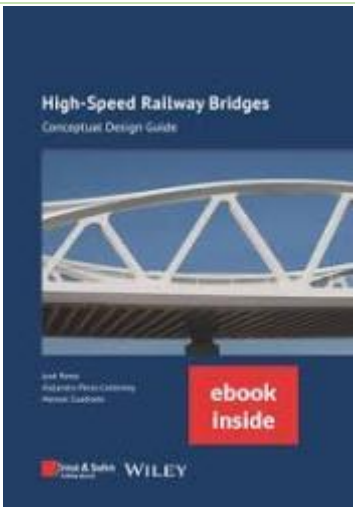

19		<p>Air pollution - monitoring, modelling, health and control edited by Corbin Tennyson, New York: Scitus, 2017. viii, 319 p., ISBN: 9781681172293</p> <p>Subject Terms: In door air pollution; Air quality management; Public health; Optical absorption spectroscopy</p> <p>502.3:613.15 TEN-A</p> <p>Barcode: 179873; CL</p> <p>Click here for details.</p>
20		<p>Air pollution, clean energy and climate change by Anilla Cherian, Hoboken: Wiley, 2022. xi, 271 p., ISBN: 9781119771586</p> <p>Subject Terms: Technology and engineering; Global climate change negotiations silo; Clean air and climate action; Clean air and clean energy</p> <p>502.175:551.583 CHE-A</p> <p>Barcode: 179864; CL</p> <p>Click here for details.</p>
21		<p>Air quality by Wayne T. Davis, Joshua S. Fu and Thad Godish, 6th ed., Boca Raton: CRC Press, 2021. xxii, 401 p., ISBN: 9780367705237</p> <p>Subject Terms: Air - pollution; Air quality management; Atmospheric pollution; Civil and environmental engineering; Meteorology</p> <p>502.3:613.15 DAV-A</p> <p>Barcode: 179907; TB</p> <p>Click here for details.</p>
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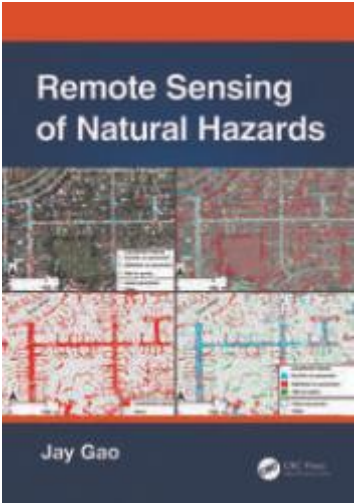
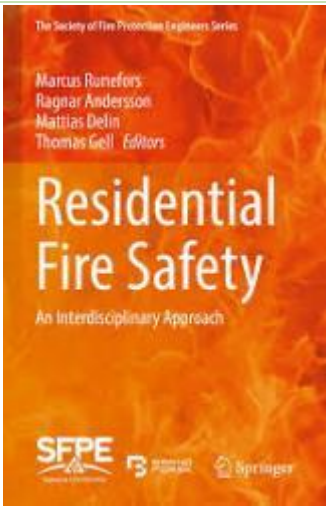

22		<p>Air quality monitoring, assessment and management edited by Henri Duff, New York: Scitus, 2017. viii, 306 p., ISBN: 9781681172392</p> <p>Subject Terms: Air quality management; Air quality evaluation model; Air pollution monitoring systems; Air quality standards</p>
		502.3:613.15 DUF-A
		Barcode: 179872; CL
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23		<p>Basic mathematics for students of air pollutants by Robert Maynard and Richard Atkinson, London: Royal Society of Chemistry, 2024. xii, 193 p., ISBN: 9781837672783</p> <p>Subject Terms: Environment and ecology; Environmental chemistry; Mathematical physics; Air pollution and health; Logarithms</p>
		614.71:510 MAY-B
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24		<p>Computational geomechanics: theory and applications by Andrew H. C. Chan...(et al.), 2nd ed., Hoboken: Wiley, 2022. xvi, 478 p., ISBN: 9781118350478</p> <p>Subject Terms: Earthquake engineering - Mathematic; Geotechnical engineering; Finite element discretization; Generalized plasticity; Material properties of soil</p>
		550.82 -COM
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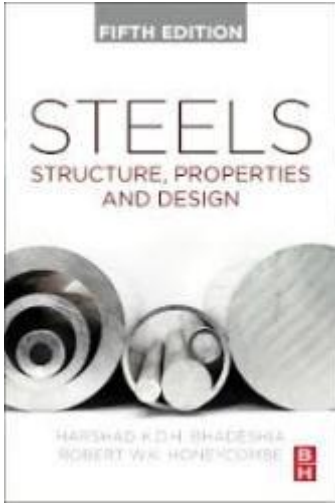


25		<p>Computational structural concrete: theory and applications by Ulrich Haussler-Combe, 2nd ed., Berlin: Wiley, 2023. xviii, 423 p., ISBN: 9783433033104</p> <p>Subject Terms: Concrete - Environmental aspects; Finite element method; Reinforced concrete; Concrete construction Computer simulation; Multi axial concrete behavior</p> <p>666.97 HAU-C</p> <p>Barcode: 179950; CL</p> <p>Click here for details.</p>
26		<p>Construction analytics: forecasting and investment valuation by Mohsen Shahandashti...(et al.), Cham: Springer, 2023. viii, 186 p., ISBN: 9783031272912</p> <p>Subject Terms: Construction forecasting; Construction management; Data analytics; Machine learning; Civil engineering management</p> <p>624.05:004R -CON</p> <p>Barcode: 179904; CL</p> <p>Click here for details.</p>
27		<p>Construction project scheduling and control by Saleh Mubarak, 4th ed., Hoboken: Wiley, 2019. xvii, 574 p., ISBN: 9781119499831</p> <p>Subject Terms: Planning and scheduling; Basic networks; Critical path method; Schedule risk management</p> <p>69-5 MUB-C</p> <p>Barcode: 179874; CL</p> <p>Click here for details.</p>
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28		<p>Cost engineering for pollution prevention and control by Paul Mac Berthouex and Linfield C. Brown, Boca Raton: CRC Press, 2021. xiii, 457 p., ISBN: 9780367724153</p> <p>Subject Terms: Financing capital costs; Pollution management; Financial management for operations; Air pollution; Water Pollution</p> <p>62:502.175 BER-C</p> <p>Barcode: 179908; CL</p> <p>Click here for details.</p>
29		<p>Environmental law for sustainable construction: a guide for construction, engineering and architecture professionals by Francine Baker and Jennifer Charlson, Leeds: Emerald Publishing, 2023. xxii, 210 p., ISBN: 9780727766458</p> <p>Subject Terms: Building construction and materials; Climate change; Environmental legislation; Planning and environmental permits; Waste management</p> <p>349.6:624 BAK-E</p> <p>Barcode: 179905; CL</p> <p>Click here for details.</p>
30		<p>Essentials of digital construction: lessons learned from digital transformation by Amador Caballero, Leeds: Emerald Publishing, 2024. xxiii, 294 p., ISBN: 9781835494462</p> <p>Subject Terms: Business enterprises computer networks; Technological innovations; Information technology management; Business transformation</p> <p>624.05:004 CAB-E</p> <p>Barcode: 179906; CL</p> <p>Click here for details.</p>



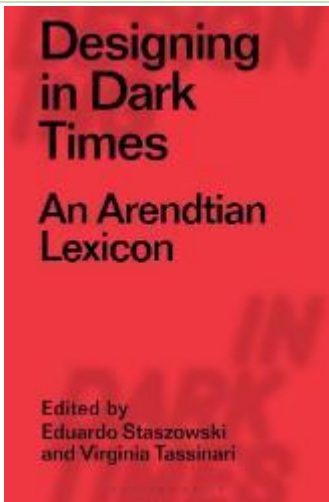
31		<p>Fire safety for very tall buildings: engineering guide by International Code Council and Society of Fire Protection Engineers, 2nd ed., Cham: Springer, 2022. xxi, 276 p., - Society of fire protection engineers series.</p> <p>ISBN: 9783030790165</p> <p>Subject Terms: Integration of building design; Hazard, risk and decision analysis; Emergency response and control of systems; Security and fire safety; Fire resistance</p> <p>699.814 -FIR</p> <p>Barcode: 179951; CL</p> <p>Click here for details.</p>
32		<p>Fluid mechanics and hydraulics: illustrative worked examples of surface and subsurface flows by Vedat Batu, Boca Raton: CRC Press, 2024. xxvii, 1240 p.,</p> <p>ISBN: 9781032600789</p> <p>Subject Terms: Hydraulic engineering; Fluid dynamics; Civil, environmental and geotechnical engineering; Engineering and technology; Mechanical engineering</p> <p>532.5-1/-9 BAT-F</p> <p>Barcode: 179912; CL</p> <p>Click here for details.</p>
33		<p>Geotechnical engineering: unsaturated and saturated soils by Jean-Louis Briaud, 2nd ed., Hoboken: Wiley, 2023. xxvii, 1028 p.,</p> <p>ISBN: 9781119788690</p> <p>Subject Terms: Soil mechanics; Engineering geology; Element of geophysics; Electromagnetic methods; Deep foundations</p> <p>624.13 BRI-G</p> <p>Barcode: 179952; CL</p> <p>Click here for details.</p>



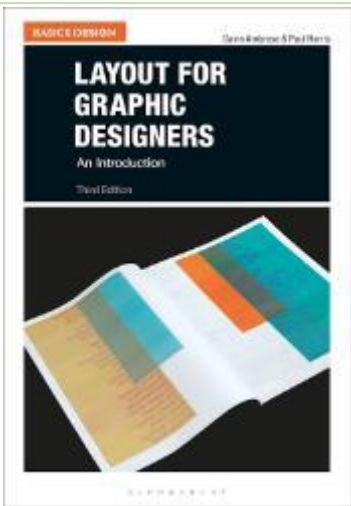
34		<p>Geothermal energy: from theoretical models to exploration and development by Ingrid Stober and Kurt Bucher, 2nd ed., Switzerland: Springer, 2021. x, 390 p., ISBN: 9783030716875</p> <p>Subject Terms: Geothermal energy utilization; Deep geothermal systems; Hot-dry-rock; High enthalpy deposits</p> <p>662.997 STO-G</p> <p>Barcode: 179897; CL</p> <p>Click here for details.</p>
35		<p>High-speed railway bridges: conceptual design guide by Jose Romo, Alejandro Perez-Caldentey and Manuel Cuadrado, Berlin: Wiley, 2024. xix, 340 p., ISBN: 9783433033135</p> <p>Subject Terms: Track of high speed bridge; Design basis; Conceptual design for maintenance; Basic concepts of dynamics</p> <p>621.332.8 ROM-H</p> <p>Barcode: 179875; CL</p> <p>Click here for details.</p>
36		<p>Remote sensing and digital image processing with R by Marcelo De Carvalho Alves and Lucianan Sanches, Boca Raton: CRC Press, 2023. x, 526 p., Textbook and lab manual (2 vol. set) ISBN: 9781032359229</p> <p>Subject Terms: Agriculture and environmental sciences; Earth sciences; Environmental health; GIS, remote sensing and cartography; Geography</p> <p>528.8:004.932R ALV-R</p> <p>Barcode: 179910-179911; CL</p> <p>Click here for details.</p>
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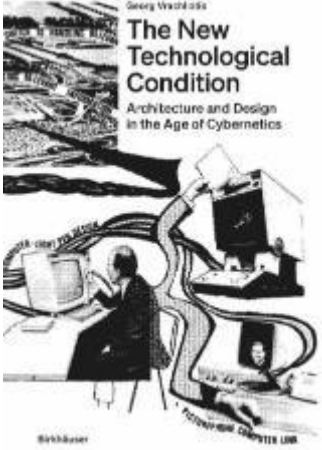

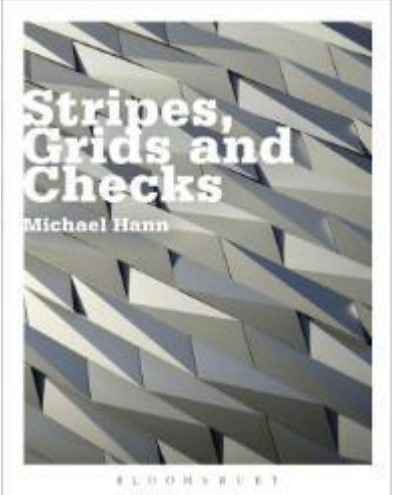
37		<p>Remote sensing of natural hazards by Jay Gao, Boca Raton: CRC Press, 2023. xxv, 437 p., ISBN: 9781032404028</p> <p>Subject Terms: Earth sciences; Climate change; Hazards and disasters; Ecology - environment studies; Environmental issues</p> <p>528.8:504.4 GAO-R</p> <p>Barcode: 179913; CL</p> <p>Click here for details.</p>
38		<p>Residential fire safety: an interdisciplinary approach edited by Marcus Runefors...(et al.), Cham: Springer, 2023. x, 379 p., - Society of fire protection engineers series. ISBN: 9783031063244</p> <p>Subject Terms: Residential fire injury pyramid; Fire prevention; Targeted intervention; Non-fatal fire injuries; Vision zero policy</p> <p>699.81 -RES</p> <p>Barcode: 179953; CL</p> <p>Click here for details.</p>
39		<p>Smart cement: development, testing, modeling and real time monitoring by Cumaraswamy Vipulanandan, Boca Raton: CRC Press, 2022. xxxvii, 402 p., ISBN: 9781032039695</p> <p>Subject Terms: Concrete; Cement; Structural engineering; Composites</p> <p>666.94 VIP-S</p> <p>Barcode: 179894; CL</p> <p>Click here for details.</p>


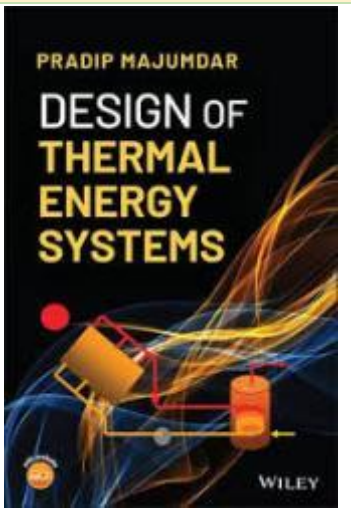
40		<p>Steels: structure properties and design by Harshad K. D. H. Bhadeshia and Robert W. K. Honeycombe, 5th ed., London: Butterworth-Heinemann, 2024. xiv, 506 p.,</p> <p>ISBN: 9780443184918</p> <p>Subject Terms: Iron-carbon equilibrium; Heat treatment of steels; Thermomechanical treatment; Embrittlement and fracture; Nanostructured steels</p> <p>669.14 BHA-S</p> <p>Barcode: 179954; CL</p> <p>Click here for details.</p>
41		<p>Systemic and systematic project management by Joseph Eli Kasser, Boca Raton: CRC Press, 2020. xxxii, 402 p.,</p> <p>ISBN: 9780367779481</p> <p>Subject Terms: Operations research; Manufacturing and processing; Operations management; Integrated manufacturing systems; Production Systems and automation</p> <p>658.5:005.8 KAS-S</p> <p>Barcode: 179909; CL</p> <p>Click here for details.</p>
<h2 style="color: #0056b3;">Computer Science and Engineering</h2>		
42		<p>Fair share: 111 problems from ahmes to aumann by Isaac Elishakoff, Boca Raton: Springer, 2024. xx, 275 p.,</p> <p>ISBN: 9783031404214</p> <p>Subject Terms: Arithmetic; Division; General mathematics and education; Mathematics in popular science; Mathematics</p> <p>512.12 ELI-F</p> <p>Barcode: 179946-179947; CL; CSE</p> <p>Click here for details.</p>

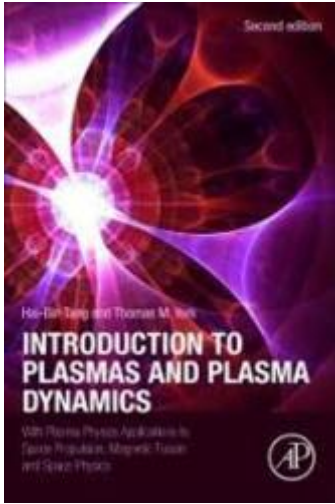
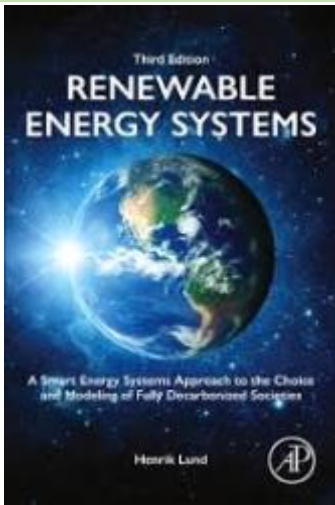
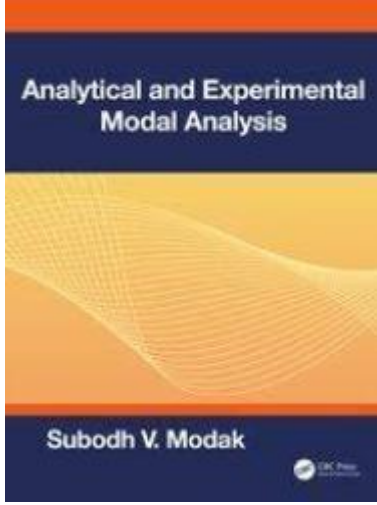
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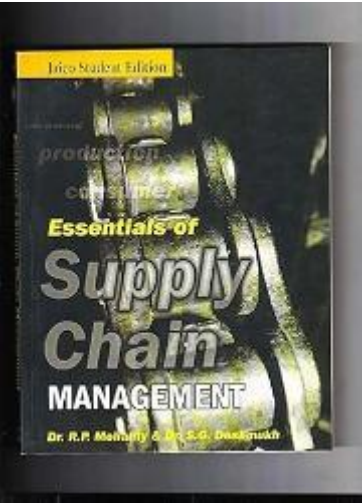
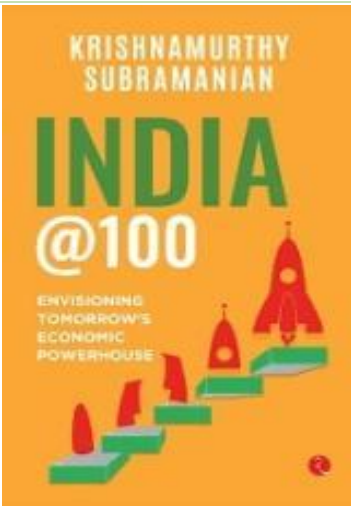
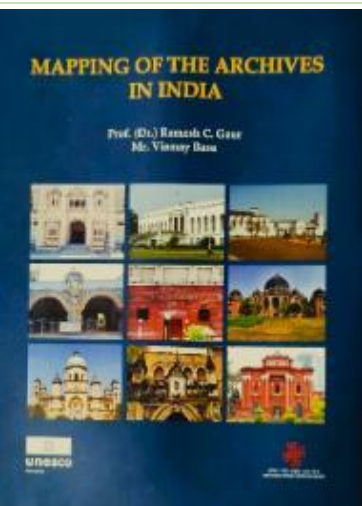
43		<p>Design and democracy: activist thoughts and examples for political empowerment edited by Michael Erlhoff and Maziar Rezai, Basel: Birkhauser, 2021. 155 p., ISBN: 9783035622829</p> <p>Subject Terms: Arts and society; Design - Political aspects; Design - Social aspects; Design - Product</p>
		7.012:321.7 -DES
		Barcode: 179914; CL
		Click here for details.
44		<p>Design dictionary: perspectives on design terminology edited by Michael Erlhoff and Tim Marshall, Basel: Birkhauser, 2008. 465 p., ISBN: 9783764377397</p> <p>Subject Terms: Art - Folk and outsider art; Crafts and hobbies - Folkcrafts; Design - Terminologies; Interior design - Dictionaries</p>
		7.012(038) -DES
		Barcode: 179915; CL
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45		<p>Designing in dark times: an arendtian lexicon edited by Eduardo Staszowski and Virginia Tassinari, London: Bloomsbury Publishing, 2020. xii, 347 p., ISBN: 9781350070257</p> <p>Subject Terms: Design - Philosophy; Design - Political aspects; Design - Social aspects; History of art; Art and design styles</p>
		7.01:32 -DES
		Barcode: 179917; CL
		Click here for details.

46		<p>Digital design: a critical introduction by Dean Bruton and Anony Radford, New York: Bloomsbury Publishing, 2012. xv, 173 p., ISBN: 9781847888280</p> <p>Subject Terms: Architectural structure and design; Arts and humanities; Computer-aided design; Drawing and presentation; Design - Product</p> <p>74:004.92 BRU-D</p> <p>Barcode: 179916; CL</p> <p>Click here for details.</p>
47		<p>History of furniture: a global view by Mark Hinchman, New York: Bloomsbury Publishing, 2016. xvii, 620 p., ISBN: 9781501332791</p> <p>Subject Terms: Furniture design; Art and crafts; Traditional design; Art deco; History</p> <p>930.2:684.4 HIN-H</p> <p>Barcode: 179919; CL</p> <p>Click here for details.</p>
48		<p>Layout for graphic designers: an introduction by Gavin Ambrose and Paul Harris, 3rd ed., London: Bloomsbury Publishing, 2018. 208 p., - Basics design. ISBN: 9781474254793</p> <p>Subject Terms: Arts graphics; Graphic design - Typography; Art and art instruction; Advertising layout and typography; Book design</p> <p>655.26 AMB-L</p> <p>Barcode: 179918; CL</p> <p>Click here for details.</p>
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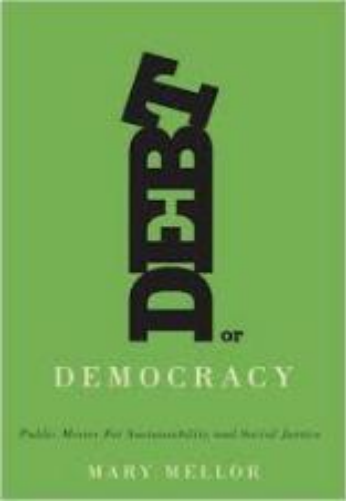
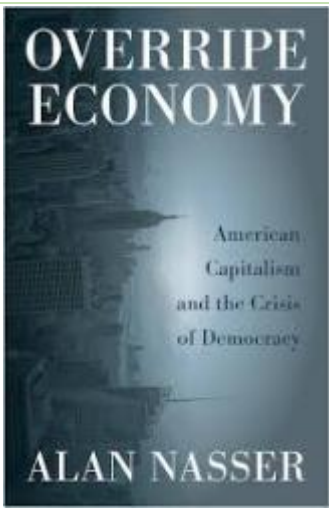
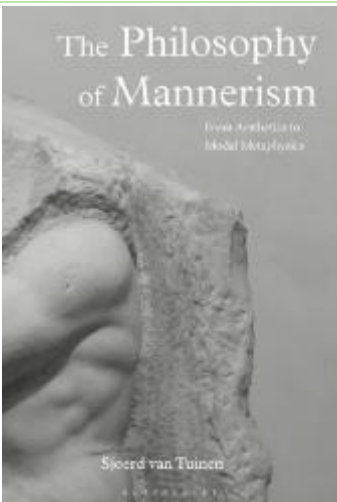
49		<p>New technological condition: architecture and design in the age of cybernetics by Georg Vrachliotis, Berlin: Birkhauser, 2022. 271 p., ISBN: 9783035624779</p> <p>Subject Terms: Architecture - Philosophy; Technological innovations; Architecture and technology; Cybernetics; Automation and meta technology</p> <p>72+74:007 VRA-N</p> <p>Barcode: 179920; CL</p> <p>Click here for details.</p>
50		<p>Signage spatial orientation by beate kling and torsten kruger, Munich: Birkhauser, 2013. 167 p., ISBN: 9783920034942</p> <p>Subject Terms: Architecture; ART - Techniques; Art and design; Communication in architectural design; Orientation - Architecture</p> <p>744.9(18) KLI-S</p> <p>Barcode: 179921; CL</p> <p>Click here for details.</p>
51		<p>Stripes, grids and checks by Michael Hann, London: Bloomsbury Publishing, 2015. xvii, 141 p., ISBN: 9780857856579</p> <p>Subject Terms: Decoration and ornament - Themes; Design - General; Design - Graphic Arts; Stripes; Textile design and theory</p> <p>744.43 HAN-S</p> <p>Barcode: 179922; CL</p> <p>Click here for details.</p>

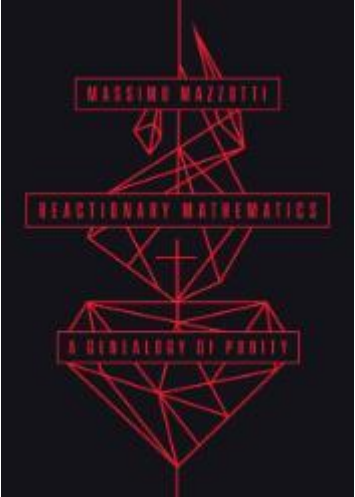
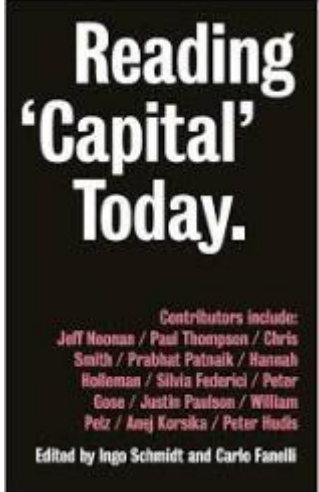
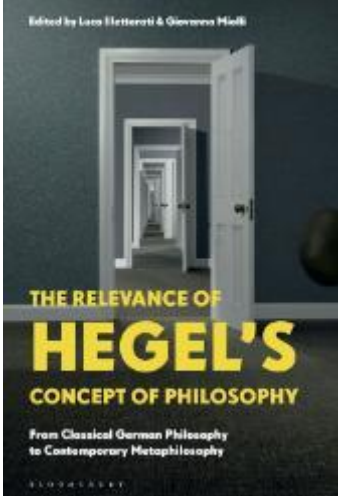
52		<p>Visual communication: from theory to practice by Jonathan Baldwin and Lucienne Roberts, London: Bloomsbury Publishing, 2006. 191 p., ISBN: 9782940373093</p> <p>Subject Terms: Medica studies; Social science; Design; Graphic Arts; Graphic design</p> <p>76:316.776 BAL-V</p> <p>Barcode: 179923; CL</p> <p>Click here for details.</p>
53		<p>Writing design: words and objects edited by Grace Lees-Maffei, London: Bloomsbury Publishing, 2014. xiv, 259 p., ISBN: 9781847889553</p> <p>Subject Terms: Art - Criticism and theory; ART - Folk and outsider art; Design philosophy; History and criticism; Graphic design</p> <p>7.05:003.2 -WRI</p> <p>Barcode: 179924; CL</p> <p>Click here for details.</p>
<h2 style="color: #0056b3;">Energy Science and Engineering</h2>		
54		<p>Design of thermal energy systems by Pradip Majumdar, Hoboken: Wiley, 2021. xxii, 676 p., ISBN: 9781118956939</p> <p>Subject Terms: Thermodynamics analysis; Fluid flow systems; Solar thermal system; Rotary components</p> <p>620.91 MAJ-D</p> <p>Barcode: 179900; ESE</p> <p>Click here for details.</p>

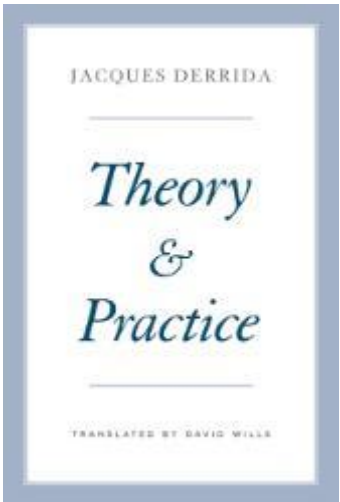
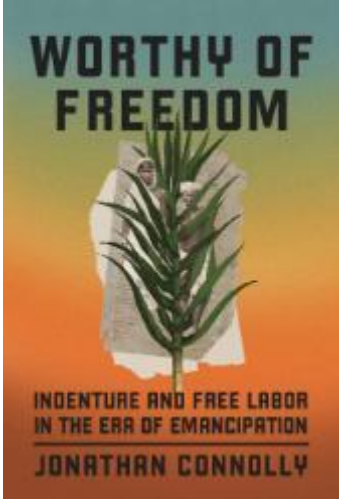
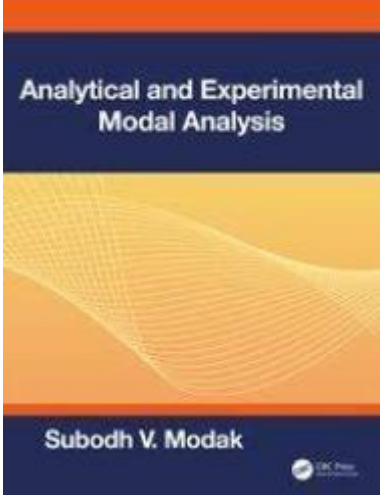
55		<p>Introduction to plasmas and plasma dynamics: with plasma physics applications to space propulsion, magnetic fusion and space physics by Hai-Bin Tang and Thomas M. York, 2nd ed., London: Elsevier, 2024. xiii, 405 p.,</p> <p>ISBN: 9780443136993</p> <p>Subject Terms: Plasma dynamics - Industrial applications; Space sciences - Research; Electromagnetics; Plasma concepts</p> <p>533.9 TAN-I</p> <p>Barcode: 179871; CL</p> <p>Click here for details.</p>
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<h2 style="color: #0056b3;">Gratis</h2>		
57		<p>Analytical and experimental modal analysis by Subodh V. Modak, Boca Raton: CRC Press, 2024. xxiii, 520 p.,</p> <p>Author(s) with IITD affiliation: Subodh V. Modak</p> <p>ISBN: 9781138318151</p> <p>Subject Terms: Modal analysis; Torsional vibrations; Applied dynamics; Structural damping; Analysis of damped</p> <p>624.04:517.96 MOD-A</p> <p>Barcode: G24046-G24049; CL</p> <p>Click here for details.</p>


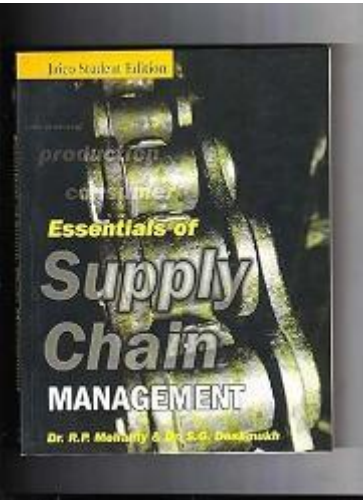
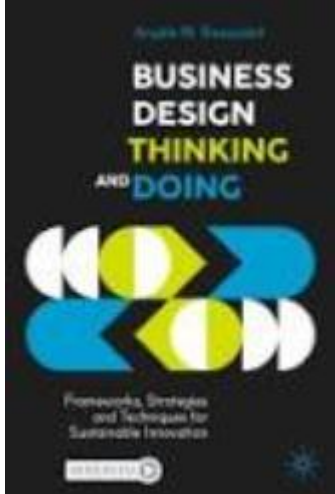
58		<p>Essentials of supply chain management by R. P. Mohanty and S. G. Deshmukh, Mumbai: Jaico Publishing House, 2004. viii, 375 p., Author(s) with IITD affiliation: S. G. Deshmukh</p> <p>ISBN: 9788179923146</p> <p>Subject Terms: Business logistic; Customer services management; Organizational behavior; Green supply chain; Quantitative techniques</p> <p>658.78 MOH-E</p> <p>Barcode: G24053-G24054; CL</p> <p>Click here for details.</p>
59		<p>India @100: envisioning tomorrow's economic powerhouse by Krishnamurthy Subramanian, New Delhi: Rupa Publications, 2024. xxii, 497 p.,</p> <p>ISBN: 9789390260836</p> <p>Subject Terms: Economic landscape; Economic potential; Macroeconomic; Social and economic inclusion; Public infrastructure</p> <p>330.3(540) SUB-I</p> <p>Barcode: G24051; CL</p> <p>Click here for details.</p>
60		<p>Mapping of the archives in India by Ramesh C. Gaur and Vismay Basu, New Delhi: Indira Gandhi National Centre for the Arts, 2023. xi, 248 p.,</p> <p>ISBN: 9789391045791</p> <p>Subject Terms: History; Archives; Archival institutions; Cultural heritage;</p> <p>930.253(540) GAU-M</p> <p>Barcode: G24052; CL</p> <p style="text-align: right;">Back to Content</p>

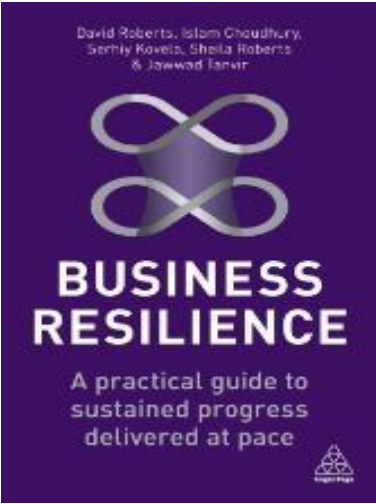
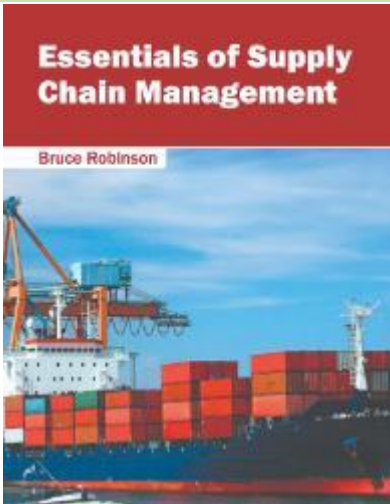
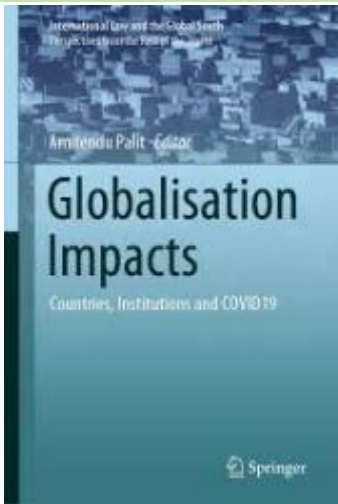
Humanities & Social Sciences

61		<p>Debt or democracy: public money for sustainability and social justice by Mary Mellor, London: Pluto Press, 2015. vii, 215 p., ISBN: 9780745335544</p> <p>Subject Terms: Public finance; Business and economic; Government spending policy; Expenditures - public; Debts public - Great Britain</p> <p>336.27 MEL-D</p> <p>Barcode: 179931; CL</p> <p>Click here for details.</p>
62		<p>Override economy: American capitalism and the crisis of democracy by Alan Nasser, London: Pluto Press, 2018. xii, 308 p., ISBN: 9780745337937</p> <p>Subject Terms: Capitalism; Capitalism - political aspects; Democracy; Capitalism - United States; Economic history</p> <p>339.9 NAS-O</p> <p>Barcode: 179932; CL</p> <p>Click here for details.</p>
63		<p>Philosophy of mannerism: from aesthetics to modal metaphysics by Sjoerd van Tuinen, London: Bloomsbury Publishing, 2024. vii, 223 p., ISBN: 9781350322516</p> <p>Subject Terms: Art and philosophy; Aesthetics; Metaphysics; Philosophy-modern; Cosmic artisan</p> <p>111 TUI-P</p> <p>Barcode: 179928; CL</p> <p>Click here for details.</p>

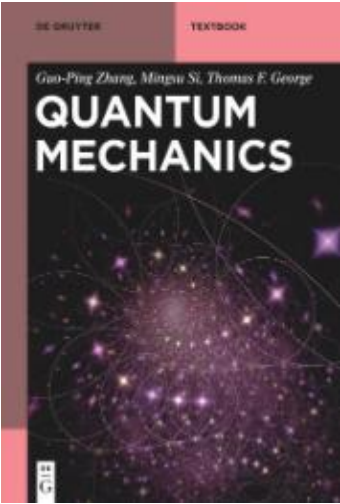

64		<p>Reactionary mathematics: a genealogy of purity by Massimo mazzotti, London: University of Chicago Press, 2023. 343 p., ISBN: 9780226826745</p> <p>Subject Terms: Mathematics - Political aspects; Mathematics - Study and teaching; Italy - Naples; Mathematics- General; Mathematics as Social order</p> <p>510.64 MAZ-R</p> <p>Barcode: 179929; CL</p> <p>Click here for details.</p>
65		<p>Reading capital today: Marx after 150 years edited by Ingo Schmidt and Carlo Fanelli, London: Pluto Press, 2017. 207 p., ISBN: 9780745399713</p> <p>Subject Terms: Communism; Economics; Karl Marx; Sociology - General; Social Science</p> <p>330.85 -REA</p> <p>Barcode: 179930; CL</p> <p>Click here for details.</p>
66		<p>Relevance of Hegel's concept of philosophy: from classical German philosophy to contemporary metaphilosophy edited by Luca Illetterati and Giovanna Miolli, London: Bloomsbury Publishing, 2023. xvii, 516 p., ISBN: 9781350281172</p> <p>Subject Terms: Hegel's metaphilosophy; Metaphilosophy investigation; Historical- political dimensions; Political philosophy; Hegel's philosophy of art</p> <p>141.8(430) -REL</p> <p>Barcode: 179934; CL</p> <p>Click here for details.</p>

67		<p>Theory and practice by Jacques Derrida, Chicago: University of Chicago Press, 2024. xiv, 125 p., ISBN: 9780226829357</p> <p>Subject Terms: Philosophy; Ethics; General philosophy; Philosophy-marxist; History and classic works</p> <p>141.82 DER-T</p> <p>Barcode: 179935; CL</p> <p>Click here for details.</p>
68		<p>Worthy of freedom: indenture and free labor in the era of emancipation by Jonathan Connolly, Chicago: University of Chicago Press, 2024. 258 p., ISBN: 9780226833644</p> <p>Subject Terms: Contract labor - Great Britain colonies; Indentured servants - Great Britain colonies; Free labor contested; Indenture and free trade</p> <p>331.101.26 CON-W</p> <p>Barcode: 179933; CL</p> <p>Click here for details.</p>
<h2 style="color: #0056b3;">IITD Faculty & Staff Authored Books</h2>		
69		<p>Analytical and experimental modal analysis by Subodh V. Modak, Boca Raton: CRC Press, 2024. xxiii, 520 p., Author(s) with IITD affiliation: Subodh V. Modak ISBN: 9781138318151</p> <p>Subject Terms: Modal analysis; Torsional vibrations; Applied dynamics; Structural damping; Analysis of damped</p> <p>624.04:517.96 MOD-A</p> <p>Barcode: G24050; CL</p> <p>Click here for details.</p>

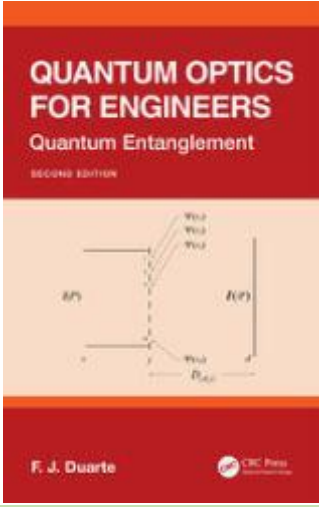
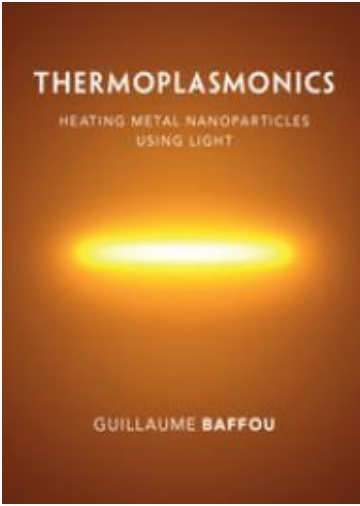
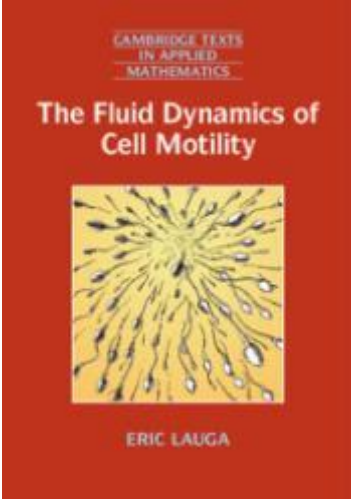
70		<p>Air pollution: science, engineering and management fundamentals by Mukesh Khare...(et al.), Boca Raton: CRC Press, 2025. xxvi. 440 p., Author's with IITD affiliation: Sri Harsha Kota</p> <p>ISBN: 9780367750527</p> <p>Subject Terms: Environmental management; Geotechnical engineering; Air pollution meteorology; Air quality management; Air quality modelling</p> <p>614.71 -AIR</p> <p>Barcode: 179902; CL</p> <p>Click here for details.</p>
71		<p>Essentials of supply chain management by R. P. Mohanty and S. G. Deshmukh, Mumbai: Jaico Publishing House, 2004. viii, 375 p., Author(s) with IITD affiliation: S. G. Deshmukh</p> <p>ISBN: 9788179923146</p> <p>Subject Terms: Business logistic; Customer services management; Organizational behavior; Green supply chain; Quantitative techniques</p> <p>658.78 MOH-E</p> <p>Barcode: G24055; CL</p> <p>Click here for details.</p>
<h2>Management Studies</h2>		
72		<p>Business design thinking and doing: frameworks, strategies and techniques for sustainable innovation by Angèle M. Beausoleil, Switzerland: Palgrave macmillan, 2022. xix, 221 p.,</p> <p>ISBN: 9783030864880</p> <p>Subject Terms: Design thinking; Business design; Sustainable innovation; Need finding</p> <p>658:159.955 BEA-B</p> <p>Barcode: 179898; CL</p> <p>Click here for details.</p>
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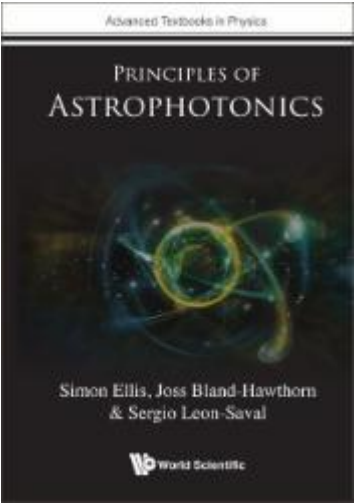
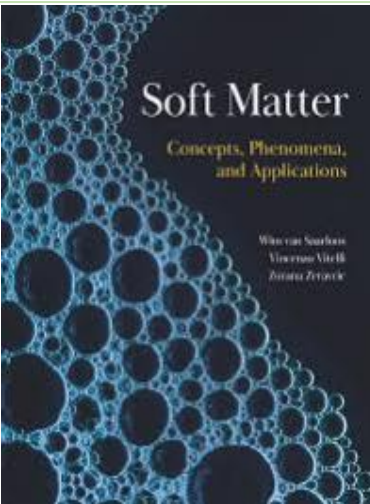
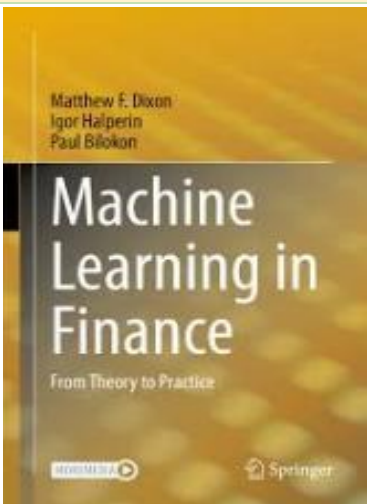
73		<p>Business resilience: a practical guide to sustained progress delivered at pace by David Roberts... (et al.), London: Kogan Page, 2022. xxviii, 370 p., ISBN: 9781398604643</p> <p>Subject Terms: Organizational resilience; Organizational effectiveness; Business resilience; Pace culture</p> <p>658 -BUS</p> <p>Barcode: 179899; CL</p> <p>Click here for details.</p>
74		<p>Essentials of supply chain management edited by Bruce Robinson, New York: Willford Press, 2016. 255 p., ISBN: 9781682852149</p> <p>Subject Terms: Logistics; Warehouse management; Analytics; Procurement; Supply chain operations</p> <p>658.78 -ESS</p> <p>Barcode: 179942; CL</p> <p>Click here for details.</p>
75		<p>Globalisation impacts: countries, institutions and COVID19 edited by Amitendu Palit, Singapore: Springer, 2022. xvi, 193 p., - International law and the global south. ISBN: 9789811671845</p> <p>Subject Terms: Globalisation; COVID-19 (disease); Pandemic; Geo-economics</p> <p>005.44 -GLO</p> <p>Barcode: 179889-179890; CL; DMS</p> <p>Click here for details.</p>

76		<p>Noncognitivism in ethics by Mark Schroeder, 2nd ed., New York: Routledge, 2024. xvi, 276 p., - New problems of philosophy.</p> <p>ISBN: 9780367529222</p> <p>Subject Terms: Cognitive science; Emotivism; Moral Philosophy; Philosophy - Social; Metaethics</p> <p>165.194:17 SCH-N</p> <p>Barcode: 179926-179927; CL; DMS</p> <p>Click here for details.</p>
77		<p>Supply chain management: essential business processes edited by Nicole Jones, New York: Clanrye International, 2019. 226 p.,</p> <p>ISBN: 9781632408112</p> <p>Subject Terms: Business logistics; Logistics management; Procurement; Transportation planning; Management consulting</p> <p>658.78 -SUP</p> <p>Barcode: 179943; CL</p> <p>Click here for details.</p>
<h2 style="color: #0056b3;">Materials Science & Engineering</h2>		
78		<p>Nanostructured materials for next-generation energy storage and conversion edited by Tulay Aygan Atesin, Sajid Bashir and Jingbo Louise Liu, Edinburg: Springer, 2019. xlv, 501 p.,</p> <p>ISBN: 9783662595923</p> <p>Subject Terms: Nanochemistry; Solar energy; Solar batteries; Nanotechnology; Photovoltaics</p> <p>621.311.243:620.3 -NAN</p> <p>Barcode: 179961; CL</p> <p>Click here for details.</p>
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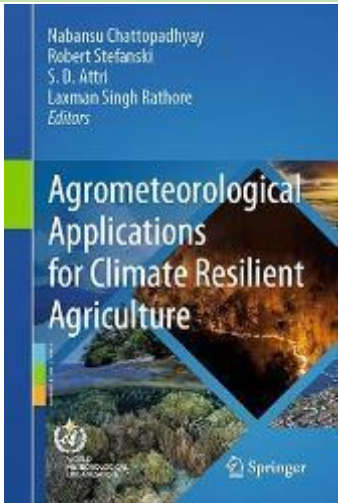

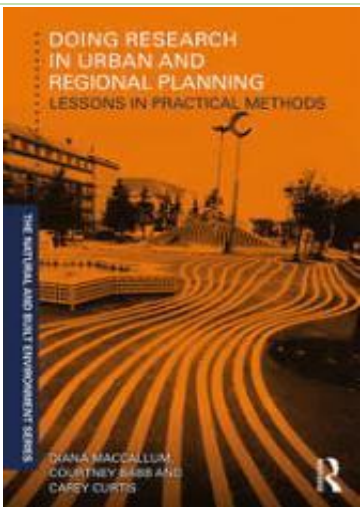
79		<p>Quantum mechanics by Guo-Ping Zhang, Mingsu Si and Thomas F. George, Berlin: De Gruyter, 2024. xxii, 368 p., - De Gruyter textbook.</p> <p>ISBN: 9783110672121</p> <p>Subject Terms: Harmonic oscillator; Electron spin; Time dependent perturbation theory; Electrons in crystalline solids; Quantum theory</p> <p>530.145 ZHA-Q</p> <p>Barcode: 179939; CL</p> <p>Click here for details.</p>
80		<p>Theory of adaptive fiber composites: from piezoelectric material behavior to dynamics of rotating structures by Tobias Brockmann, London: Springer, 2009. xviii, 219 p., - Solid mechanics and Its applications.</p> <p>ISBN: 9789048124343</p> <p>Subject Terms: Smart materials and structures; Piezoelectric composites; Noise and vibration; Composite materials; Dynamical systems</p> <p>620.163 BRO-T</p> <p>Barcode: 179962; CL</p> <p>Click here for details.</p>
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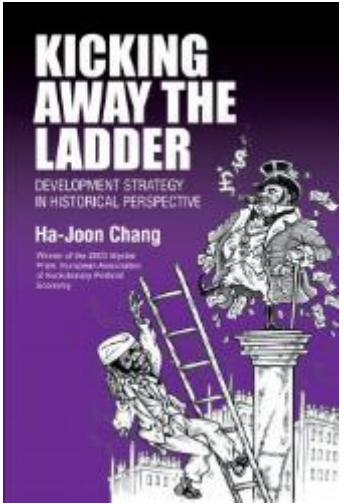
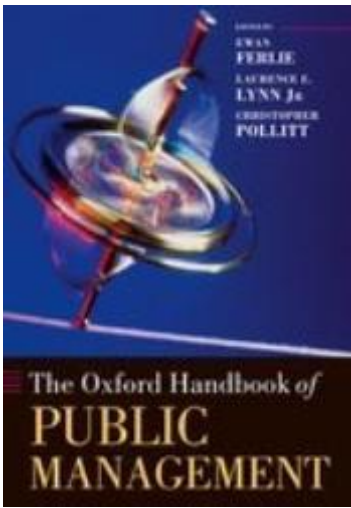
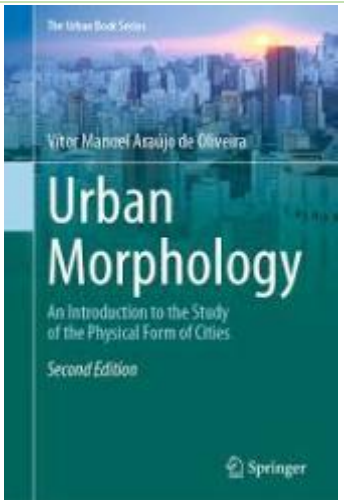
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84		<p>Fluid dynamics of cell motility by Eric Lauga, Cambridge: Cambridge University Press, 2020. xiii, 375 p., - Cambridge texts in applied mathematics. ISBN: 9781316626702</p> <p>Subject Terms: Differential equations; Fluid dynamics; Solid mechanics; Dynamical system; Control system</p> <p>576.3:532.5 LAU-F</p> <p>Barcode: 179966; PH</p> <p>Click here for details.</p>
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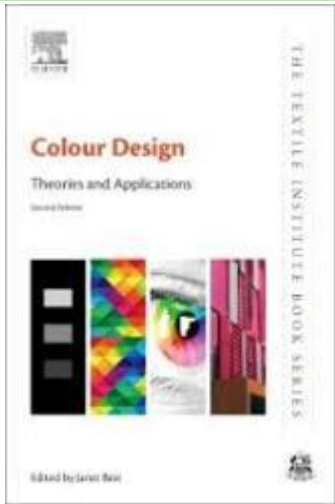
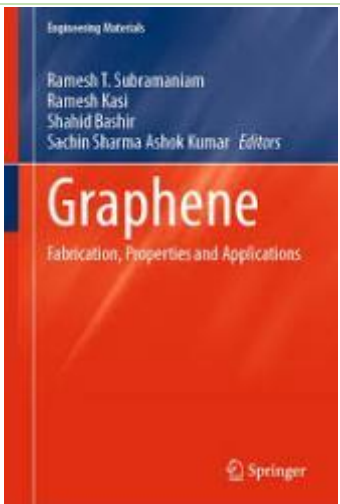
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