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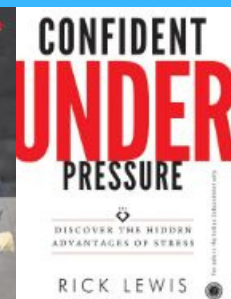
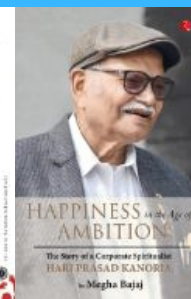
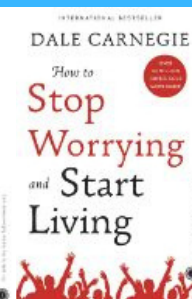
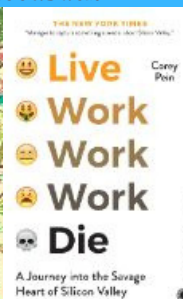
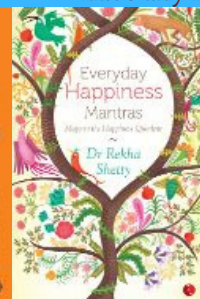
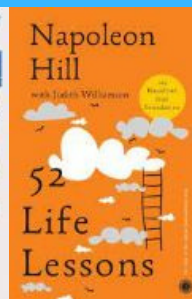
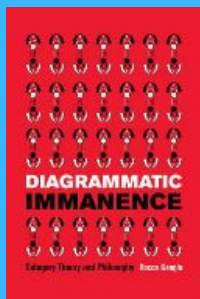
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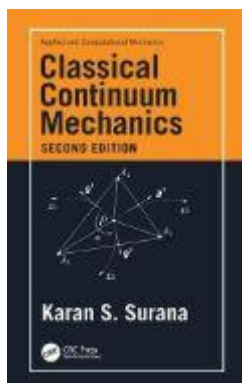
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Applied Mechanics



Classical continuum mechanics by Karan S. Surana - 2nd ed. - Boca Raton CRC press 2022 - xxi, 509p. - Applied and computational mechanics

Includes bibliography and index (p.489-509)

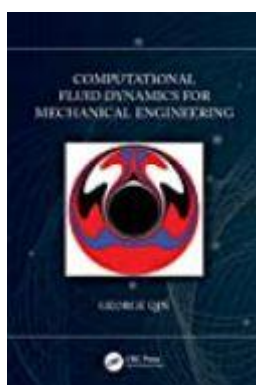
ISBN: 9780367612962

Subjects Terms: Spin tensor Thermodynamic Thermoelastic solids Lagrangian law Calculus

531 -SUR-C

176174; CL

[Click here for more details](#)



Computational fluid dynamics for mechanical engineering by Gerge Qin - Boca Raton CRC Press 2021 - xii, 369p. -

Includes bibliography and index (p.361-369)

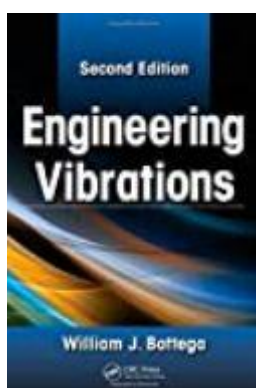
ISBN: 9780367687298

Subjects Terms: Computational fluid dynamics Mechanical engineering Volume of fraction MATLAB

532.5:519.6 QIN-C

176671; ME

[Click here for more details](#)



Engineering vibrations by William J. Bottega - 2nd ed. - Boca Raton CRC press 2015 - xxi, 905p. -

Includes index (895-905p)

ISBN: 9781439830352

Subjects Terms: Degree of freedom Free vibration Laplace transform Forced vibration Newtonian mechanics Euler-Bernoulli beam theory Rayleigh beam theory

62:534 BOT-E

176430; CL

[Click here for more details](#)



Experimental mechanics an introduction by Emmanuel E. Gdoutos
- Cham Springer 2022 - xxi, 311 p. - Solid mechanics and its applications 269

Includes bibliography and index (p. 307-311)

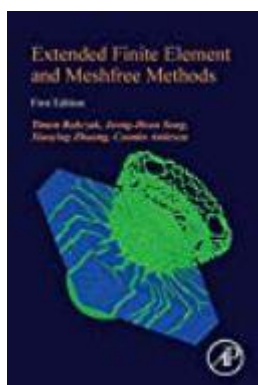
ISBN: 9783030894658

Subjects Terms: Optical methods in stress analysis Strain gages
Geometric Photoelasticity Interferometry Holography Caustics
Optical fibers Digital image correlation

531 GDO-E

176387; CL

[Click here for more details](#)



Extended finite element and meshfree methods by Timon Rabczuk
...(et al.) - 1st ed. - London Elsevier Academic Press 2020 - xx,
617p. -

Includes bibliography and index (p.607-617)

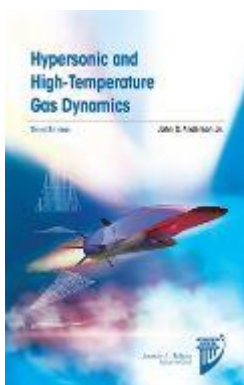
ISBN: 9780128141069

Subjects Terms: Phantom node Governing equations Matrix Kernel
functions Shells

517.962 -EXT

176176; AM

[Click here for more details](#)



Hypersonic and high temperature gas dynamics by John D.
Anderson - 3rd ed. - Blacksburg American Institute of Aeronautics
and Astronautics 2019 - xxi, 869 p. - AIAA education series

Includes bibliography and index (p. 849-868)

ISBN: 9781624105142

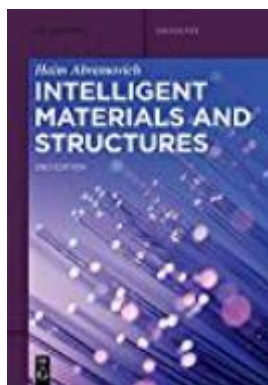
Subjects Terms: Aerodynamics Hypersonic Wave relations
Temperature method Hypersonic viscous High temperature flows

533.6.01 AND-H

176456; CL

[Click here for more details](#)

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Intelligent materials and structures by Haim Abramovich - 2nd ed. - Berlin De Gruyter 2021 - x, 484p. -

Includes bibliography and index (p.477-484)

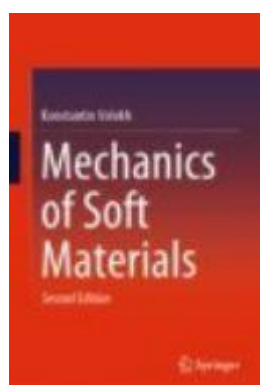
ISBN: 9783110726695

Subjects Terms: Magnetostrictive Pizeoelectricity Laminated composite materials Fiber optic Interrogators

620.1 ABR-I

176087; CL

[Click here for more details](#)



Mechanics of soft materials by Konstantin Volokh - 2nd ed. - Singapore Springer 2019 - xiv, 167p. -

Includes bibliography and index (p.165-167)

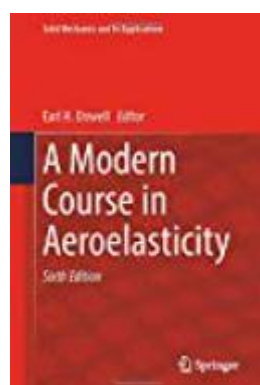
ISBN: 9789811383731

Subjects Terms: Tensors Kinematics Chemoelasticity Balance laws Thermoelasticity

531:678.076 VOL-M

176358; CL

[Click here for more details](#)



Modern course in aeroelasticity edited by Earl H.Dowell - 6th ed. - Cham Springer 2022 - xxxiv, 807p. - Solid mechanics and its applications

Includes bibliography and index (p.803-807)

ISBN: 9783030742355

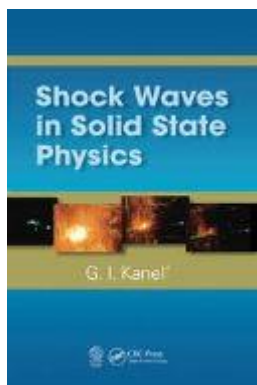
Subjects Terms: Stall flutter Static aeroelasticity Turbomachines Dynamics interaction Hypersonic flow

533.6.013.42 -MOD

176590; CL

[Click here for more details](#)

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Shock waves in solid state physics by G. I. Kanel - Boca Raton CRC Press 2021 - x, 214p. -

Includes bibliography and index (p.207-214)

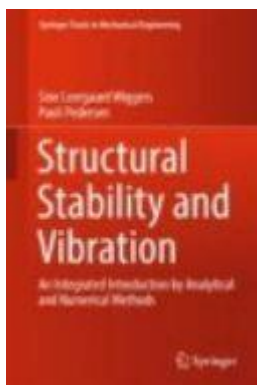
ISBN: 9781032240114

Subjects Terms: Capacitor gauges Macrokinetic Ceramic materials Spallation phenomena Solidification

539.2:533.6 KAN-S

175995; CL

[Click here for more details](#)



Structural stability and vibration an integrated introduction by analytical and numerical methods by Sine Leergaard Wiggers and Pauli Pedersen - Cham Springer 2018 - xvi, 158p. - Springer tracts in mechanical engineering

Includes bibliography and index (p.155-158)

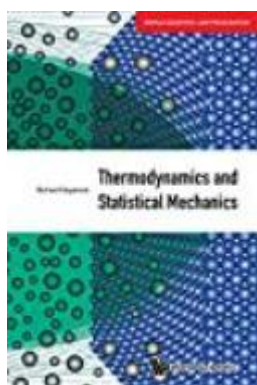
ISBN: 9783319727202

Subjects Terms: Numerical tools Eigen solutions Beam columns Cantilever Dynamic stability

624.07:517 WIG-S

176431; AM

[Click here for more details](#)



Thermodynamics and statistical mechanics by Richard Fitzpatrick - New Jersey World scientific 2021 - xii, 346p. -

Includes bibliography and index (p.339-346)

ISBN: 9780000990396

Subjects Terms: Probability theory Statistical mechanics Heat and work Multi phase system Wave mechanics

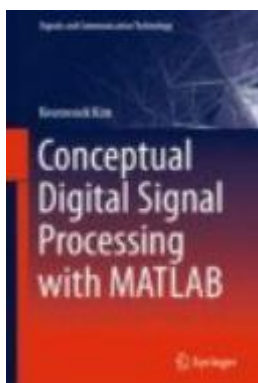
536.7+531.19 FIT-T

176420; CL

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Centre for Applied Research in Electronics



Conceptual digital signal processing with MATLAB by Keonwook Kim - Singapore Springer 2021 - xiii, 677 p. - Signals and communication technology

Includes bibliography and index (p. 673-677)

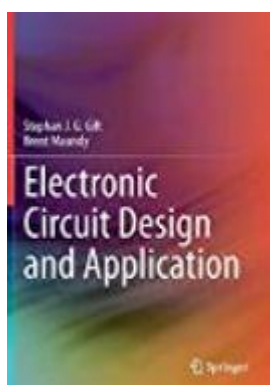
ISBN: 9789811525865

Subjects Terms: Numerical analysis Signal processing Speech processing systems MATLAB Digital filters

621.391:681.3.06M KIM-C

176663; CL

[Click here for more details](#)



Electronic circuit design and application by Stephan J.G. Gift and Brent Maundy - Cham Springer 2021 - xxi, 595p. -

Includes bibliography and index (p.579-595)

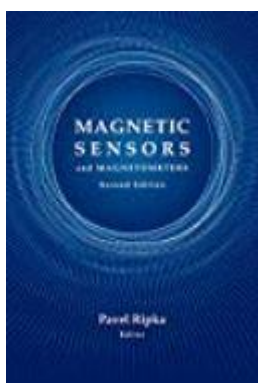
ISBN: 9783030469917

Subjects Terms: Semiconductor diode Transistor Amplifiers Oscillators Rectifiers

621.382 GIF-E

176165; CL

[Click here for more details](#)



Magnetic sensors and magnetometers edited by Pavel Ripka - 2nd ed. - Norwood Artech House 2021 - xix, 396 p. -

Includes bibliography and index (p. 385-396)

ISBN: 9781630817428

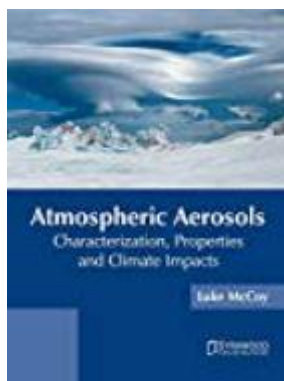
Subjects Terms: Fluxgate sensors Ferromagnetic magneto-resistive sensors Hall-effect magnetic sensors Resonant magnetometers Magneto-optical sensors Induction sensors

681.586:621.317.44 -MAG

175980; CL

[Click here for more details](#)

Centre for Atmospheric Sciences



Atmospheric aerosols characterization, properties and climate impacts edited by Luke McCoy - New York Syrawood publishing house 2019 - vi, 209p. -

Includes bibliography and index (208-209p)

ISBN: 9781682866436

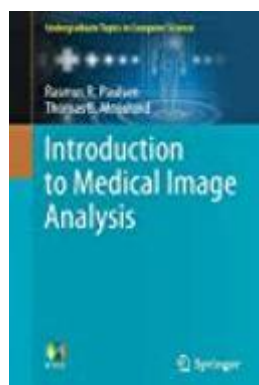
Subjects Terms: Atmospheric chemistry Atmospheric aerosols-environmental aspects Biomass burning Organic hygroscopicity Anthropogenic chlorocarbons Mineral dust aerosol Aerosol type

551.51:54-138 -ATM

176427; CL

[Click here for more details](#)

Centre for Biomedical Engineering



Introduction to medical image analysis by Rasmus R. Paulsen and Thomas B. Moeslund - Cham Springer 2020 - x, 186p. -

Undergraduate topics in computer science

Includes bibliography and index (p.183-186)

ISBN: 9783030393632

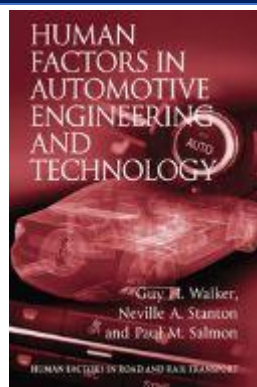
Subjects Terms: Diagnostic imaging Image acquisition Point processing Morphology Geometric transformation

616-073 PAU-I

176440; CL

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Civil Engineering

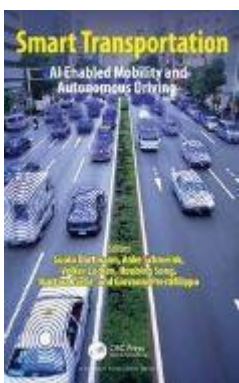
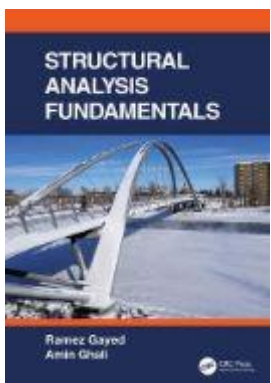


Human factors in automotive engineering and technology by Guy H. Walker, Neville A. Stanton and Paul M. Salmon - Boca Raton CRC press 2019 - xii, 310p. - Human factors in road and rail transport

Includes bibliography and index (p.275-310)

ISBN: 9780367268138

Subjects Terms: Psychological model Automation Automotive engineering Information management Homeostasis theory

	629.33 WAL-H
	176583; CL
	Click here for more details
	Project planning and management with CPM and PERT by Kundan Singh and M L Kansal - London HP Hamilton Ltd 2021 - xii, 266 p. - Includes bibliography and index (p. 265-266) ISBN: 9781913936099 Subjects Terms: Project sheduling Sheduling techniques Critical path medthod Program evaluation review technique Contract management Resource allocation
	65.012.1/.2 SIN-P
	176083; CL
	Click here for more details
	Smart transportation AI enabled mobility and autonomous driving by Dartmann, Guido ...(et al.) - Boca Raton CRC Press 2021 - viii, 247p. - Includes Bibliography and Index(247-248p.) ISBN: 9780367352967 Subjects Terms: Transportation--technological innovations Intelligent transportation systems Automated vehicles Communication and traffic Artificial intelligence
	629.07:681.3 -SMA
	176446; CL
	Click here for more details
	Structural analysis fundamentals by Ramez Gayed and Amin Ghali - CRC Press 2022 Boca Raton - xxv, 654 p. - Includes bibliography and index (p. 647-654) ISBN: 9780367252618 Subjects Terms: Determinate structures Indeterminate structures Force method of analysis Displacement method Strain energy Virtual work
	624.04 GAY-S
	176543; CL

[Click here for more details](#)



Vehicle collision dynamics analysis and reconstruction by Dario Vangi - Oxford Butterworth-Heinemann 2020 - xv, 197 p. -

Includes bibliography and index (p. 193-197)

ISBN: 9780128127506

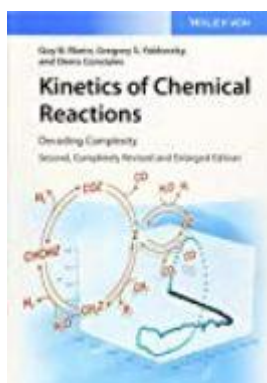
Subjects Terms: Traffic accidents Automobiles - Collision damage Automobiles - Dynamics Motor vehicles - Crashworthiness Crash analysis

629.3.015 VAN-V

176651; CL

[Click here for more details](#)

Chemistry



Kinetics of chemical reactions decoding complexity by Guy B. Marin, Gregory S. Yablonsky and Denis Constales - 2nd ed. - Weinheim Wiley-Vch 2019 - xix, 442p. -

Includes bibliography and index (p.433-442)

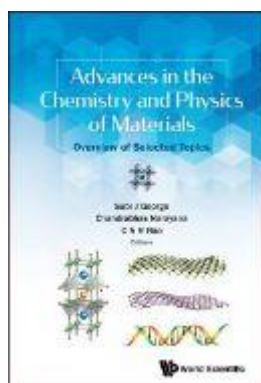
ISBN: 9783527342952

Subjects Terms: Chemical reactions Linear algebra Non linear relaxability Dynamics Chemical kinetics

544.4 MAR-K

176284; CHY

[Click here for more details](#)



Advances in the chemistry and physics of materials overview of selected topics edited by Subi J George, Chandrabhas Narayana and C N R Rao - New Jersey World Scientific 2020 - viii, 534p. -

Includes bibliography and index (p.529-534)

ISBN: 9789811211324

Subjects Terms: Nanomaterials Energy materials Computational material science Photovoltaics Thermoelectric energy

620.1 -ADV

175930; CL

[Click here for more details](#)



Basic quantum mechanics by Kyriakos Tamvakis - Cham Springer 2019 - xiv, 516p. - Undergraduate texts in physics

Includes bibliography and index (p.513-516)

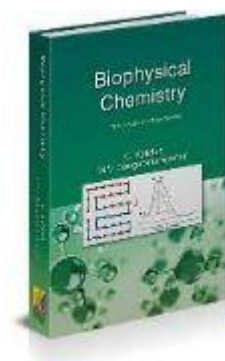
ISBN: 9783030227760

Subjects Terms: Quantum theory Schroedinger equation Quantum behaviour Radiation Nuclear physics

530.145 TAM-B

176254; CL

[Click here for more details](#)



Biophysical chemistry techniques and applications by C. Kalidas and M.V. Sangaranarayanan - New Delhi Ane books 2022 - xxxii, 489p. -

Includes bibliography and index (p.479-489)

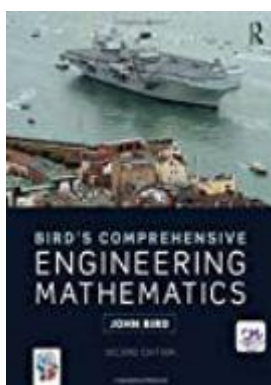
ISBN: 9789390658817

Subjects Terms: Acids Carbohydrates Biochemical techniques Bioenergetics Enzymes

577.3 KAL-B

176283; CL

[Click here for more details](#)



Bird's comprehensive engineering mathematics by John Bird - London Routledge 2018 - xviii, 1208p -

Includes bibliography and index (p.1201-1208)

ISBN: 9780815378143

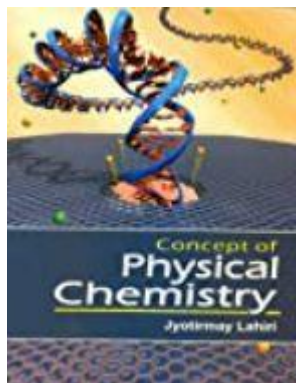
Subjects Terms: Engineering mathematics | Integral calculus | Fourier series | Differential calculus | Vector geometry

51:62 BIR-B

176265; CHY

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Concept of physical chemistry by Jyotirmay Lahiri - New Delhi Medtech 2014 - x, 230p. -

Includes bibliography and index (p.215-230)

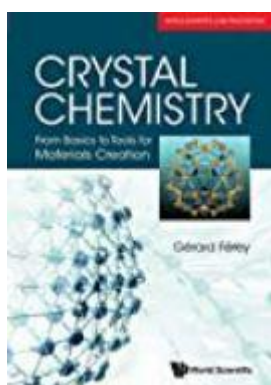
ISBN: 9789381714706

Subjects Terms: Chemical kinetics Thermodynamics Chemical equilibrium Molecular model Hydrolysis

544 LAH-C

176255; CL

[Click here for more details](#)



Crystal chemistry from basics to tools for materials creation by Gerard Ferey - New Jersey World scientific 2020 - xiv, 248p. -

Includes bibliography and index (p.243-248)

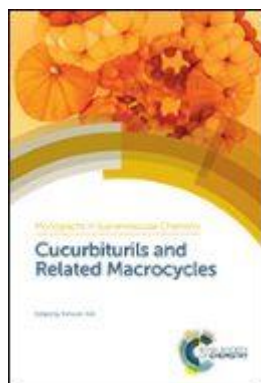
ISBN: 9780000988539

Subjects Terms: Symmetry Polyhedra Supercells Notions Shapes

548.3 FER-C

176242; CL

[Click here for more details](#)



Cucurbiturils and related macrocycles edited by Kimoon Kim - London Royal Society of Chemistry 2020 - xvi, 554p. -

Includes Bibliography and Index(546-554p.)

ISBN: 9781788015004

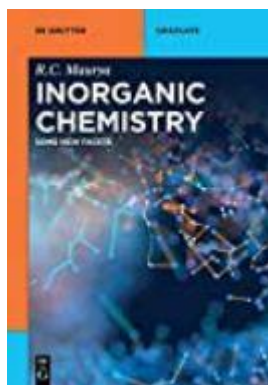
Subjects Terms: Macromolecules Supramolecular chemistry Macrocylic compounds Cucurbituril family Reaction vessels

544.135 -CUC

176402; CL

[Click here for more details](#)

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Inorganic chemistry some new facets by Ram Charitra Maurya - Berlin De Gruyter 2021 - xix, 644p. - Graduate

Includes bibliography and index (p.637-644)

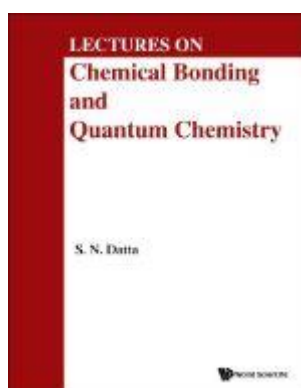
ISBN: 9783110727258

Subjects Terms: Polyatomic molecules Synthesis Magnetochemistry Bonding Organometallic

546 MAU-I

176245; CL

[Click here for more details](#)



Lectures on chemical bonding and quantum chemistry by S.N. Datta - Singapore World Scientific Publishing 2019 - xiii, 445 p. -

Includes bibliography and index (p. 431-445)

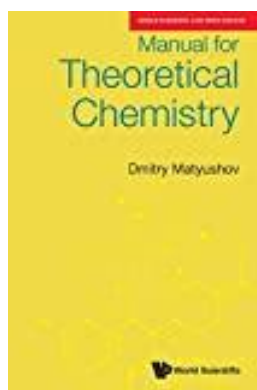
ISBN: 9789811200007

Subjects Terms: Classical mechanics Quantum mechanics Variation theorem Molecular structure Perturbation theory Quantum mechanical tunnel effects

544.14:544.18 DAT-L

176157; CL

[Click here for more details](#)



Manual for theoretical chemistry by Dmitry Matyushov - Singapore World Scientific Publishing 2022 - xv, 356 p. -

Includes bibliography and index (p. 347-356)

ISBN: 9781944660024

Subjects Terms: Vectors Tensors Electrostatics Classical mechanics Quantum mechanics Statistical mechanics Liquids Molecular hydrodynamics Elasticity Spectra Solvation

544 MAT-M

176541; CL

[Click here for more details](#)



Mathematics pocket book for engineers and scientists by John Bird
- 5th ed. - Abingdon Routledge 2020 - xii, 556 p. -

Includes bibliography and index (p. 547-556)

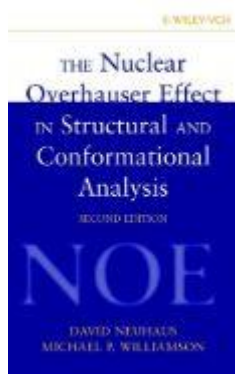
ISBN: 9780367266523

Subjects Terms: Engineering mathematics Algebra Number topics
Geometry Trigonometry

51:5-051 BIR-M

176256; CL

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Nuclear overhauser effect in structural and conformational
analysis by David Neuhaus and Michael P. Williamson - 2nd ed. -
New York John Wiley 2000 - xxvii, 619 p. - Methods in
stereochemical analysis

Includes bibliography and index (p. 611-619)

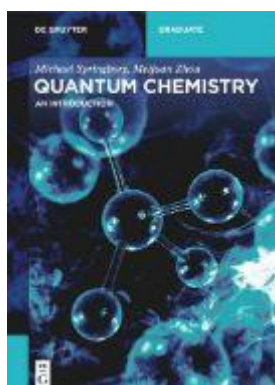
ISBN: 9780471246756

Subjects Terms: Rigid multispin systems Kinetics Internal motion
Elucidation Biopolymers

541.28 NEU-N

176622-176623; CL; CHY

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Quantum chemistry an introduction by Michael Springborg and
Meijuan Zhou - Berlin De Gruyter 2021 - xi, 340p. -

Includes bibliography and index (p. 335-340)

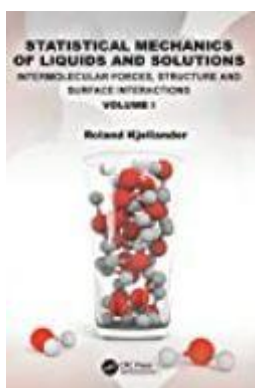
ISBN: 9783110742190

Subjects Terms: Quantum theory Vibrations Rotations Orbital
model Atoms Diatomic models Larger systems

544.18 SPR-Q

176364; CHY

[Click here for more details](#)



Statistical mechanics of liquids and solutions intermolecular forces, structure and surface interactions by Roland Kjellander - Boca Raton CRC press 2020 - xix, 497p. -

Vol.1 Includes bibliography and index (p.487-497)

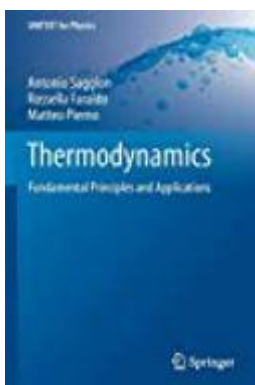
ISBN: 9781482244014

Subjects Terms: Fluid structure Isolated systems Inhomogeneous Orientational variable Electrostatic

531.19:54-14 KJE-S

176312; CL

[Click here for more details](#)



Thermodynamics fundamental principles and applications by Antonio Saggion, Rossella Faraldo and Matteo Pierno - Cham Springer 2019 - xxvii, 432p. - UNITEXT for physics

Includes bibliography and index (p.423-432)

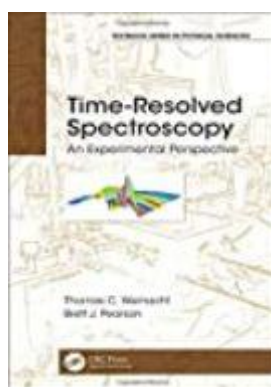
ISBN: 9783030269784

Subjects Terms: Thermodynamics Surface systems Electrostatic field Magnetic field Maxwell relations

536.7 SAG-T

176439; CL

[Click here for more details](#)



Time-resolved spectroscopy an experimental perspective by Thomas C. Weinacht and Brett J. Pearson - Boca Raton CRC Press 2019 - x, 342p. - Textbook series in physical sciences

ISBN: 9780367780401 (pbk), 2020 Includes bibliography and index (p.327-342)

ISBN: 9781498716734

Subjects Terms: Spectrum analysis Quantum dynamics Molecular structure Coherent optical Incoherent measurements

543.42 WEI-T

176285; CHY

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X-ray structure determination a practical guide by George H. Stout and Lyle H. Jensen - 2nd ed. - New York John Wiley and sons 1989 - xv, 453p. -

Includes bibliography and index (p.441-453)

ISBN: 9780471607113

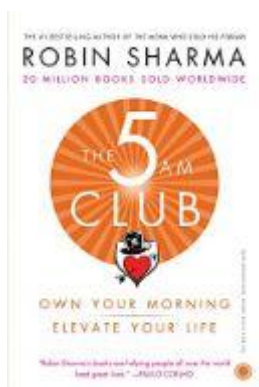
Subjects Terms: Fourier syntheses Patterson methods Systematic errors Phase problem Crystal structures

548.73 STO-X

176286; CL

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Central Library



5 AM Club own your morning elevate your life by Robin Sharma - Mumbai Jaico Publishing House 2019 - 314 p. -

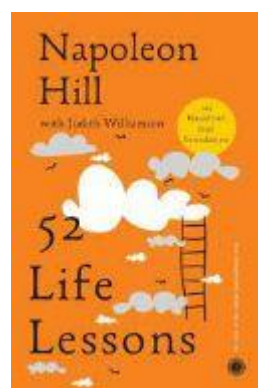
ISBN: 9789387944893

Subjects Terms: Time management Success - Psychological aspects Success in business Self-actualization Morning mastery

159.98 SHA-F

176463; CL

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52 life lessons by Napoleon Hill, Williamson Judith - Mumbai Jaico Publishing House 2019 - 133 p. -

ISBN: 9789388423335

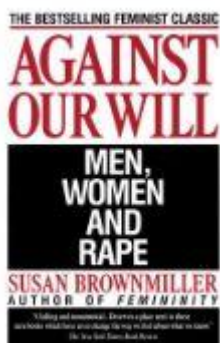
Subjects Terms: Affirmations Conduct of life Human faults Character Worship

159.98 HIL-F

176464; CL

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Against our will men, women and rape by Susan Brownmiller - New York Penguin Random House 1975 - 472p. -

Includes Bibliography and Index(408-472p.)

ISBN: 9780449908204

Subjects Terms: Rape--Public opinion Mass psychology Riots, pogroms and revolutions Slavery Prison rape

364.633 BRO-A

176357; CL

[Click here for more details](#)



AI and machine learning by Was Rahman - California SAGE Publications 2020 - xiii, 160 p. - SAGE essentials

Includes bibliography and index (p. 147-157)

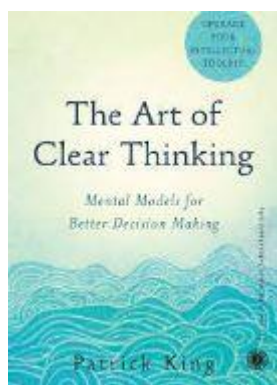
ISBN: 9789353884413

Subjects Terms: Artificial intelligence Transforming business Society transforming Risk analysis - Artificial intelligence Robotics

681.3 RAH-A

176234; CL

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Art of clear thinking mental models for better decision making by Patrick King - Mumbai Jaico Publishing House 2019 - 179 p. -

ISBN: 9789389305111

Subjects Terms: Honesty Memories Reality Honest thought Scientific method

159.955 KIN-A

176465; CL

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Art of editing Raymond Carver and David Foster Wallace by Tim Groenland - New York Bloomsbury Academic 2020 - xvii, 268p. - Includes bibliography and index (p.233-268)

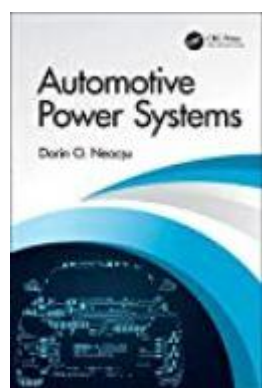
ISBN: 9781501367601

Subjects Terms: Roots of the Carver Rewriting friendship Textual history Development of neighbors Critical legacy Magical compression

808.2 GRO-A

176181; CL

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Automotive power systems by Dorin O. Neacsu - Boca Raton CRC Press 2021 - xvii, 295 p. -

Includes bibliography and index (p. 291-295)

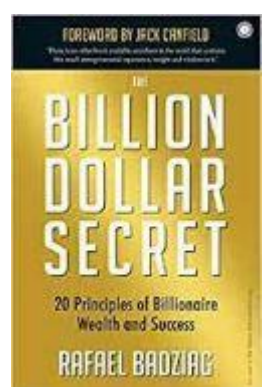
ISBN: 9780367512965

Subjects Terms: Automobiles Electric motors Batteries Power converters Chassis systems DC converters Propulsion systems

629.064.5 NEA-A

176392; CL

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Billion dollar secret 20 principle of billionaire and success by Rafael Badziag - Mumbai Jaico Publishing House 2019 - 323 p. -

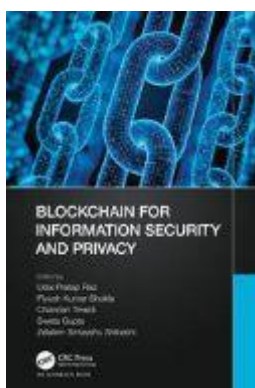
ISBN: 9789388423908

Subjects Terms: Professional success Philosophies of life Passion for success Business Entrepreneur Private lives of billionaires

658.310.8 BAD-B

176467; CL

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Blockchain for information security and privacy edited by Udia Pratap Rao ...(et al.) - Boca Raton CRC Press 2022 - xvii, 422p. - Includes Bibliography and Index(401-422p.)

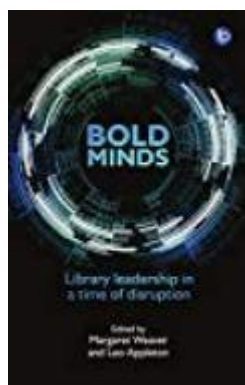
ISBN: 9780367654481

Subjects Terms: Computer security Data privacy Big Data Sector IoT Robust Digital Medical Image Watermarking Encryption Algorithms Enhanced Privacy

681.3 -BLA

176638; CL

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Bold minds library leadership in a time of disruption edited by Margaret Weaver and Leo Appleton - London Fact Publishing 2020 - xxxiii, 246p. -

Includes bibliography and index (p. 443-451)

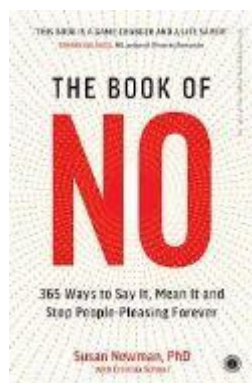
ISBN: 9781783304530

Subjects Terms: Library administration Leadership Libraries Librarians Academic library Medical library

025.1 -BOL

176182; CL

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Book of no by Susan Newman 365 ways to say it, mean it and stop people-pleasing forever - Mumbai Jaico Publishing House 2019 - xxii, 265 p. -

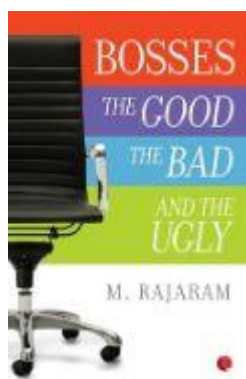
ISBN: 9789388423748

Subjects Terms: Friendship Social desirability Social graces Neighborhood Sticky situations Mind set Assertiveness - Psychology

161.221.3 NEW-B

176473; CL

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Bosses the good the bad and the ugly by M. Rajaram - New Delhi
Rupa Publications 2014 - xiii, 203 p. -

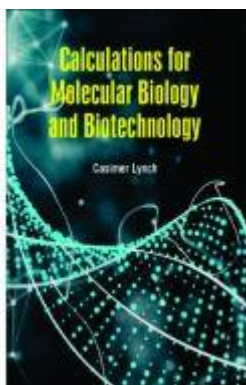
ISBN: 9788129135438

Subjects Terms: Cheer boss Workaholic Critic Decision maker
Ostrich boss Innovative boss

316.46 RAJ-B

176474; CL

[Click here for more details](#)



Calculations for molecular biology and biotechnology by Casimer
Lynch - New Orleans White Press Academics 2020 - x, 304 p. -

Includes bibliography and index (p. 295-304)

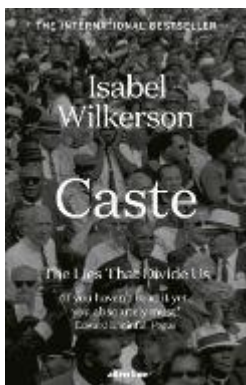
ISBN: 9781799600169

Subjects Terms: Molecular biology Mathematics Chain reaction
Biotechnology Biomathematics Radioisotopes

577.2:60 LYN-C

176257; CL

[Click here for more details](#)



Caste lies that divide us by Isabel Wilkerson - London Allen Lane
2020 - xvii, 476p. -

Includes Bibliography and Index(443-476p.)

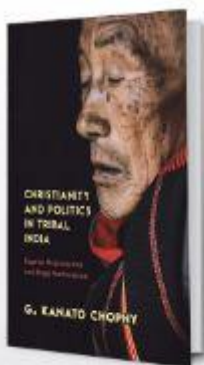
ISBN: 9780241486511

Subjects Terms: Social stratification Power (Social sciences) Race
relations United States Ethnicity Social classes Social classes

316.342.3 WIL-C

176422; CL

[Click here for more details](#)



Christianity and politics in tribal India baptist missionaries and naga nationalism by G. Kanato Choppy - Ranikhet Permanent Black 2021 - xviii, 460 p. -

Includes bibliography and index (p. 432-460)

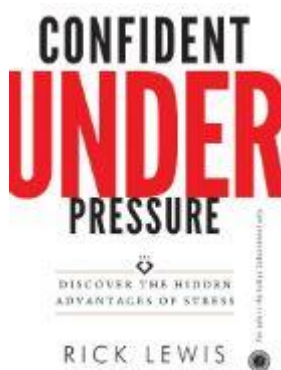
ISBN: 9788178246437

Subjects Terms: Faith Baptist highland Exotic natives Legends Mystics

299.725(540.39) CHO-C

176170; CL

[Click here for more details](#)



Confident under pressure discover the hidden advantages of stress by Rick Lewis - Mumbai Jaico Publishing House 2019 - xiv, 208 p. -

Includes bibliography and index (p. 195-206)

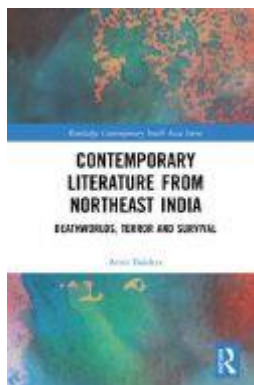
ISBN: 9789388423724

Subjects Terms: Motivation Leadership Human dynamics Integrity Humor and insight Perception and attention Confidence

159.944.4 LEW-C

176475; CL

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Contemporary literature from Northeast India deathworlds, terror and survival by Amit R. Baishya - Abingdon Routledge 2022 - viii, 210 p. - Routledge contemporary South Asia series

Includes bibliography and index (p. 204-210)

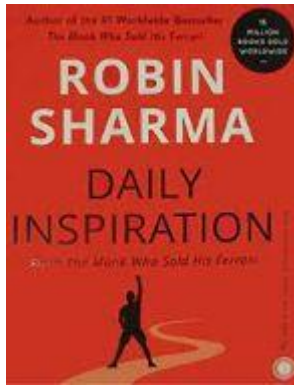
ISBN: 9780367147709

Subjects Terms: Indic literature Politics and literature Assamese fiction Criticism Necropolitical literature Militant fiction

82(541:545) BAI-C

176264; CL

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Daily inspiration from the monk who sold his ferrari by Robin Sharma - Mumbai Jaico Publishing House 2008 - v.p. -

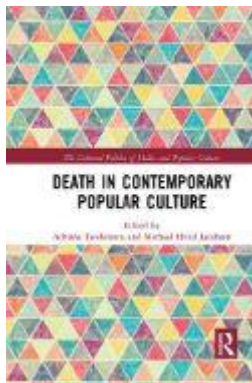
ISBN: 9788179927946

Subjects Terms: Collection of quotes Life of authenticity Abundance and happiness Success ensues Joyful people Dynamic people

159.98 SHA-D

176462; CL

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Death in contemporary popular culture edited by Ariana Teodorescu and Michael Hviid Jacobsen - Abingdon Routledge 2021 - x, 254 p. - Cultural politics of media and popular culture

Includes Bibliography and index (p. 234-254)

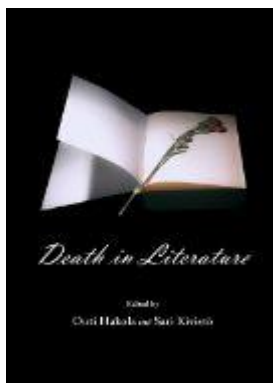
ISBN: 9781032084442

Subjects Terms: Spectacular death Thanatological imagination Cultural theory of killing Event of killing Immortality Postmortal

304 -DEA

176123; CL

[Click here for more details](#)



Death in literature edited by Outi Hakola and Sari Kivisto - Newcastle upon Tyne Cambridge Scholars Publishing 2014 - xix, 294 p. -

Includes bibliography and index (p. 291-294)

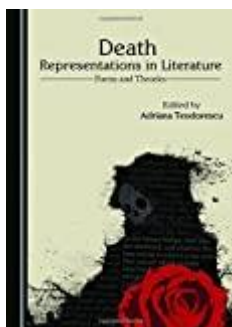
ISBN: 9781443856782

Subjects Terms: Death Fear of death Death of God Death songs Death instinct Death in literature

82-311.4 -DEA

176562; CL

[Click here for more details](#)



Death representations in literature forms and theories edited by Adriana Teodorescu - Cambridge Scholars Publishing 2015
Newcastle upon Tyne - vii, 439 p. -

Includes bibliography and index (p. 428-439)

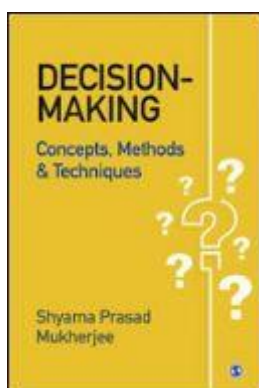
ISBN: 9781443871587

Subjects Terms: Mortality Poetizing Realism Death and democracy Interferences

82 -DEA

176563; CL

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Decision-making concepts, methods and techniques by Shyama Prasad Mukherjee - New Delhi Sage Publications 2022 - xviii, 402 p. -

Includes Bibliography and index (p. 375-402)

ISBN: 9789354791079

Subjects Terms: Ubiquity of decisions Problem-solving Decision theory Statistical decision process Social choice problems Alternative and constraints Decision analytic network

658:519.2 MUK-D

176183; CL

[Click here for more details](#)



Design culture objects and approaches edited by Guy Julier ...(et al.) - London Bloomsbury visual arts 2019 - vi, 235p. -

Includes bibliography and index (p.231-235)

ISBN: 9781474289849

Subjects Terms: Developing design Market and society Graphic artifacts Taste and attunement Toy industry

7.012 -DES

176572; CL

[Click here for more details](#)



Designing design by Kenya Hara - Baden Lars Muller Publishers
2017 - 467 p. -

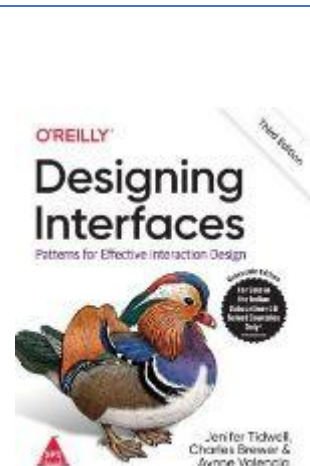
ISBN: 9783037784501

Subjects Terms: Japan Design Industrial design Commercial
products Design - Philosophy Product design

745/749 HAR-D

176573; CL

[Click here for more details](#)



Designing interfaces patterns for effective interaction design by
Jenifer Tidwell, Charles Brewer and Aynne Valencia - Mumbai
Shroff Publishers and Distributors 2020 - xviii, 579 p. -

Includes bibliography and index

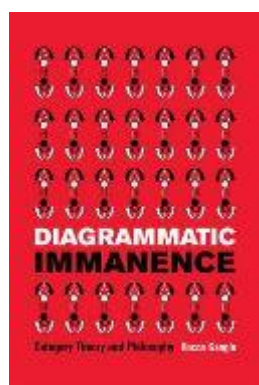
ISBN: 9789352139552

Subjects Terms: User interfaces | Graphical user interfaces |
Human-computer interaction | Application software -
Development | Application program interfaces

681.3 TID-D

175949; CL

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Diagrammatic immanence category theory and philosophy by
Rocco Gangle - Edinburgh Edinburgh University Press 2020 - vii,
256 p. -

Includes bibliography and index (p. 245-256)

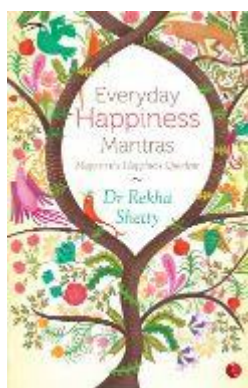
ISBN: 9781474474580

Subjects Terms: Relational immanence Diagrams of variation
Peirce immanence Spinoza immanence Metaphysics

101 GAN-D

176574; CL

[Click here for more details](#)



Everyday happiness mantras maps to the happiness quotient by Rekha Shetty - New Delhi Rupa Publications 2015 - 226 p. -

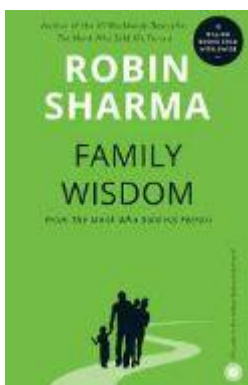
ISBN: 9788129135056

Subjects Terms: Calendars Happiness Self acceptance Self consciousness Joyful harvest

17.023.34 SHE-E

176476; CL

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Family wisdom from the monk who sold his ferrari by Robin Sharma - Mumbai Jaico Publishing House 2003 - 196 p. -

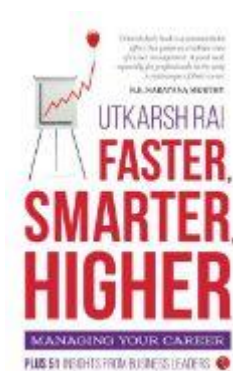
ISBN: 9788179922309

Subjects Terms: Leadership Common sense Balance in life Managing schedules Journey to grow and lead Soul of your enterprise

173.7 SHA-F

176468; CL

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Faster, smarter, higher managing your career by Utkarsh Rai - New Delhi Rupa Publications 2016 - xiv, 177p. -

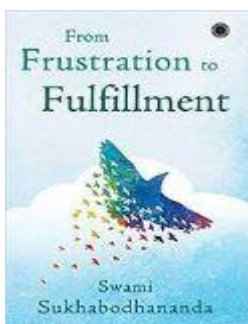
ISBN: 9788129137500

Subjects Terms: Hard work Managing self Ethical conundrum Manager's peers Playing fair Mentor

658.310.8 RAI-F

176469; CL

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From frustration to fulfillment by Swami Sukhabodhananda - Mumbai Jaico Publishing House 2019 - 248 p. -

ISBN: 9789388423786

Subjects Terms: Career skills Creativity Observance Yoga Energy management Transcendental leader

165.242.1 SUK-P

176470; CL

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Fundamentals of internet of things for non-engineers edited by Rebecca Lee Hammons and Ronald J. Kovac - Boca Raton Auerbach Publications 2019 - xvi, 430p. - Technology for non-engineers

Includes bibliographical references and index (p.421-430)

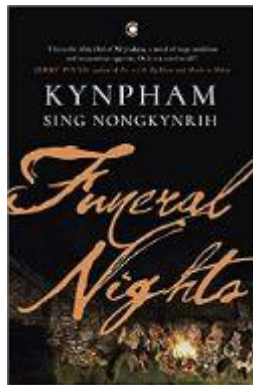
ISBN: 9781138610859

Subjects Terms: Internet of things Case studies Popular works IoT system Legal issues with IoT Data analytics

681.3 -FUN

176131; CL

[Click here for more details](#)



Funeral nights by Kynpham Singh Nongkynrih - Chennai Context 2021 - xii, 1009 p. -

ISBN: 9789389648287

Subjects Terms: Funeral journey Identity story Name stories Root stories Little stories Serpent tales

2-557 NON-F

175996; CL

[Click here for more details](#)



Gift of death literature in secret by Jacques Derrida: translated by David Wills - Chicago University of Chicago Press 2008 - ix, 158 p. - Religion and postmodernism

Includes bibliography and index

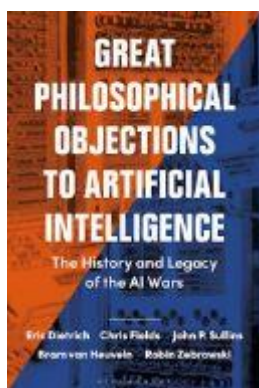
ISBN: 9780226502977

Subjects Terms: Generosity | Responsibility | Gifts | Secrecy | Learning

179.9 DER-G

175944; CL

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Great philosophical objections to artificial intelligence the history and legacy of the AI wars by Eric Dietrich... (et al.) - London
Bloomsbury Publishing Plc 2021 - x, 300 p. -

Includes bibliography and index (p. 275-300)

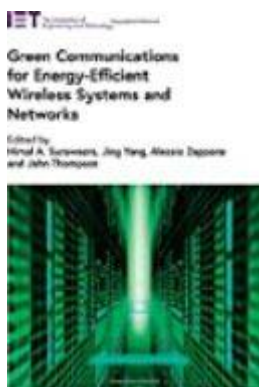
ISBN: 9781474257107

Subjects Terms: Computer science Architecture for intelligence
Rationality Relevance Creativity

681.3:14 -GRE

176575; CL

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Green communications for energy-efficient wireless systems and networks edited by Himel A. Suraweera... (et al.) - London
Institution of Engineering and Technology 2021 - xv, 459 p. - IET
Telecommunication series 91

Includes bibliography and index (p. 453-459)

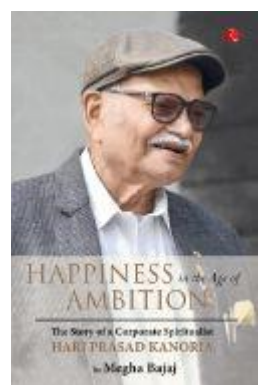
ISBN: 9781839530678

Subjects Terms: Sustainable engineering Network design Energy
harvesting 5G networks Renewable energy Wireless networks RF-
energy

621.39 -GRE

176526; CL

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Happiness in the age of ambition the story of a corporate
spiritualist Hari Prasad Kanoria by Megha Bajaj - New Delhi Rupa
Publications 2020 - xi, 179 p. -

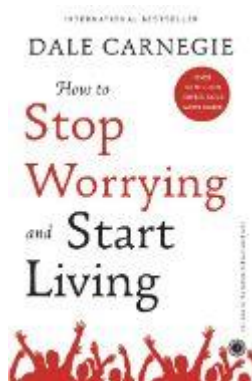
ISBN: 9789353338503

Subjects Terms: Philanthropists Spirituality Industrialists Failures
Learnings

929KAN BAJ-H

176471; CL

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How to stop worrying and start living by Dale Carnegie - Mumbai Jaico Publishing House 2019 - vi, 275p. -

Includes bibliography

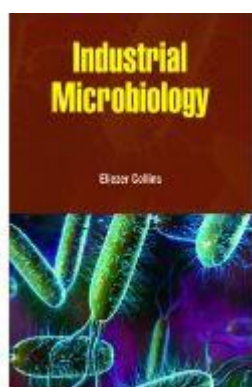
ISBN: 9789388423380

Subjects Terms: Compartments Transform life Worries Fatigue Insomnia

159.942.6 CAR-H

176477; CL

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Industrial microbiology by Eliezer Collins - New Orleans White press academic 2020 - x, 323p. -

Includes bibliography and index (p.321-323)

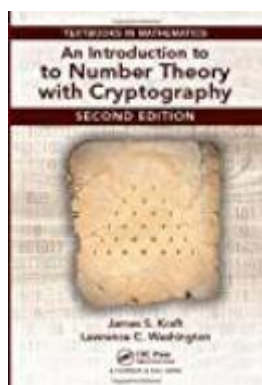
ISBN: 9781799600213

Subjects Terms: Microorganisms Industrial bioreactor Microbial cell Alcoholic beverages Industrial products

663.1 COL-I

176426; CL

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Introduction to number theory with cryptography by James S. Kraft and Lawrence C. Washington - 2nd ed. - Boca Raton CRC press 2018 - xxii, 578p. - Textbooks in mathematics

Includes bibliography and index (p.573-578)

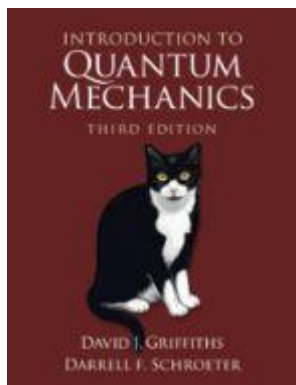
ISBN: 9781138063471

Subjects Terms: Gaussian integers Divisibility Polynomial congruences Quadratic reciprocity Arithmetic functions

511:681.188 KRA-I

176443; CL

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Introduction to quantum mechanics by David J. Griffiths and Darrell F. Schroeter - 3rd ed. - New Delhi Cambridge University Press 2019 - xiii, 495 p. -

Includes bibliography and index (p. 486-495)

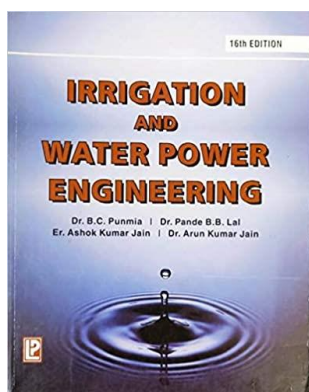
ISBN: 9781108791106

Subjects Terms: Wave function Schrodinger equation Formalism Symmetries Conservation laws Perturbation theory Scattering Quantum dynamics Linear algebra Variational principle

530.145 GRI-I

BB76586-BB76590; BB

[Click here for more details](#)



Irrigation and water power engineering by B.C. Punmia... (et al.) - 16th ed. - Bengaluru Laxmi Publications 2009 - xvi, 964p. -

Includes bibliography and index (p. 961-964)

ISBN: 9788131807637

Subjects Terms: Irrigation Hydraulic engineering Crops Reservoir Canal Lining

626.81/.86 -IRR

BB76584-BB76585; BB

[Click here for more details](#)



Kafka toward a minor literature by Gilles Deleuze and Felix Guattari; translation by Dana Polan - Minneapolis University of Minnesota Press 1986 - xxix, 104 p. - Theory and history of literature

Includes bibliography and index (p. 101-104)

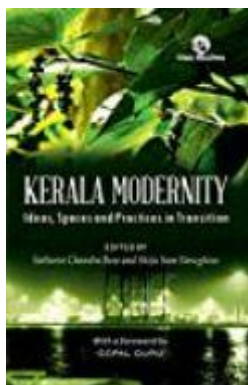
ISBN: 9780816615155

Subjects Terms: Expression Oedipus Immanence Desire Assemblage

821.111(430) DEL-K

176171; CL

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Kerala modernity ideas, spaces and practices in transition edited by Satheese Chandra Bose and Shiju Sam Varughese - Hyderabad Orient blackswan 2017 - xviii, 237p. -

Includes bibliography and index (225-237p)

ISBN: 9789386392657

Subjects Terms: Community development India-Kerala Urban modernity Attukal pongala Archaeology Muziris heritage

316.347(540.69) -KER

176423; CL

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Lean UX applying lean principles to improve user experience by Jeff Gothelf; edited by Josh Seiden - Sebastopol O'Reilly Media, Inc. 2021 - xviii, 130p. - Lean series

Includes bibliography and index (p.125-130)

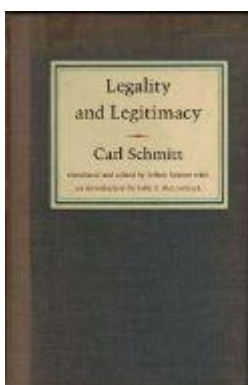
ISBN: 9789352132782

Subjects Terms: Collaborative design Principles Vision Framing Experiments

658.5 GOT-L

175950; CL

[Click here for more details](#)



Legality and legitimacy by Carl Schmitt; translated and edited by Jeffery Seitzer - Berlin Duke University Press 2004 - xliii, 166 p. -

Includes bibliography and index (p. 161-166)

ISBN: 9780822331742

Subjects Terms: System of legality Legislative power Rule of law Parliamentary legislative Constitutional government Democratic government

328:342.4 SCH-L

176336; CL

[Click here for more details](#)



Live work work work die a journey into the savage heart of silicon valley by Corey Pein - Mumbai Jaico Publishing House 2019 - 309 p. -

Includes bibliography and index (p. 305-309)

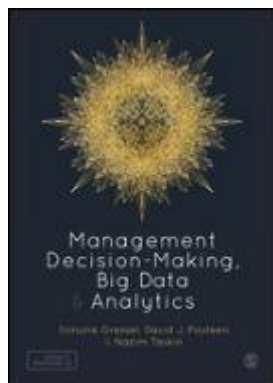
ISBN: 9789388423977

Subjects Terms: Internet industry Technological innovations High technology industries New business Capitalism

331.101.54 PEI-L

176480; CL

[Click here for more details](#)



Management decision-making, big data and analytics by Simone Gressel, David J. Pauleen and Nazim Taskin - London Sage Publishing 2021 - xv, 318p. -

Includes bibliography and index (p.278-318)

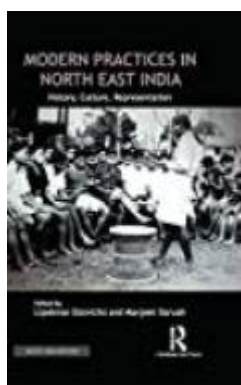
ISBN: 9781526492005

Subjects Terms: Big data Data-driven Ethics Contextual factors Data security

681.3:65.01 GRE-M

176203; CL

[Click here for more details](#)



Modern practices in North East India history, culture, representation edited by Lipokmar Dzuwachu and Manjeet Baruah - Abingdon Routledge 2018 - xiv, 342 p. -

Includes bibliography and index (p. 309-342)

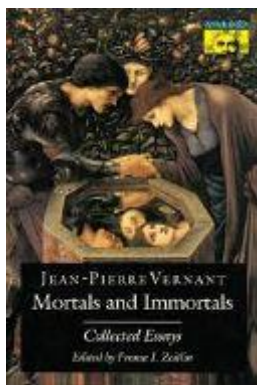
ISBN: 9781138106918

Subjects Terms: Region formed Frontier Arteries of empire Sumi marriage practices Colonial Assam India's Northeast

94(541:545) -MOD

176058; CL

[Click here for more details](#)



Mortals and immortals collected essays by Jean-Pierre Vernant; edited by Zeitlin Froma I. - Princeton Princeton University Press 1992 - viii, 341 p. -

Includes bibliography and index (p. 335-341)

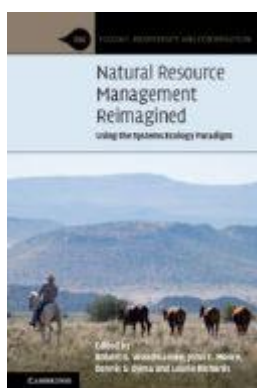
ISBN: 9780691019314

Subjects Terms: Greece Religion Civilization Death Appearance Gender Mortality Image

930.85(495) VER-M

176602; CL

[Click here for more details](#)



Natural resource management reimagined using the systems ecology paradigm edited by Robert G. Woodmansee ... (et al.) - Cambridge Cambridge University Press 2021 - xix, 441p. - Ecology, biodiversity and conservation

Includes bibliography and index (p.421-441)

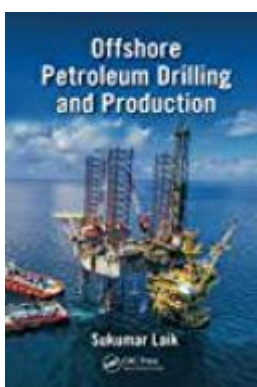
ISBN: 9781108740135

Subjects Terms: Ecosystem System ecology Plant and populations Photosynthesis Agroecosystem

502/504 -NAT

176204; CL

[Click here for more details](#)



Offshore petroleum drilling and production by Sukumar Laik - Boca Raton CRC press 2018 - xix, 616p. -

Includes bibliography and index (609-616p.)

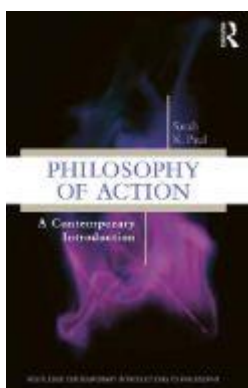
ISBN: 9780367572198

Subjects Terms: Offshore Drilling Offshore Well Completion Offshore Production Offshore Storage Offshore Pipeline Diving

622.276.04 LAI-O

176126; CL

[Click here for more details](#)



Philosophy of action a contemporary introduction by Sarah K. Paul - New York Routledge 2021 - x, 178p. - Routledge contemporary introductions to philosophy

Includes bibliography and index (p.164-178)

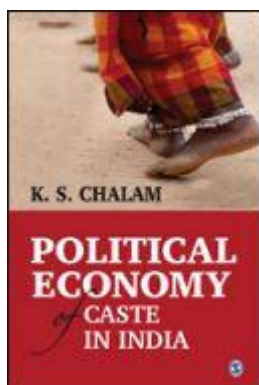
ISBN: 9781138642744

Subjects Terms: Identification Temptation Ontology Self-governance Motivation

165.744 PAU-P

176138; CL

[Click here for more details](#)



Political economy of caste in India by K. S. Chalam - New Delhi Sage Publications 2020 - viii, 274p. -

Includes Bibliography and Index(266-274p.)

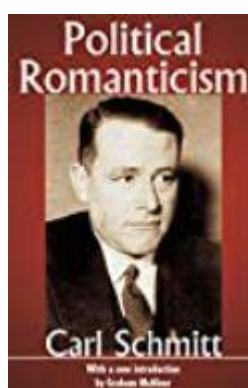
ISBN: 9789353884079

Subjects Terms: Colonial approach Marxist writing Economic power Inequity Inequity Social exclusion New economic policy Crony capitalism Social barriers Dalit rights Globalization

316.342.3 CHA-P

176411; CL

[Click here for more details](#)



Political romanticism by Carl Schmitt; translated by Guy Oakes - Abingdon Routledge 2017 - xlix, 178 p. - Studies in contemporary German social thought

Includes bibliography and index (p. 169-178)

ISBN: 9781412814720

Subjects Terms: Political science Europe history Romanticism Romantic spirit Political philosophy Legitimist conception

32:821.111 SCH-P

176294; CL

[Click here for more details](#)



Politics of friendship by Jacques Derrida - London Verso 2020 - xii, 308 p. -

ISBN: 9781788738590

Subjects Terms: Friendship Friendship - Philosophy Political science - Philosophy Philosophy - French Friendship - Political aspects

177.63 DER-P

176564; CL

[Click here for more details](#)



Public policy analytics code and context for data science in government by Ken Steif - Boca Raton CRC Press 2022 - xxi, 206 p. - Chapman & Hall/CRC data science series 10

Includes bibliography and index (p. 201-206)

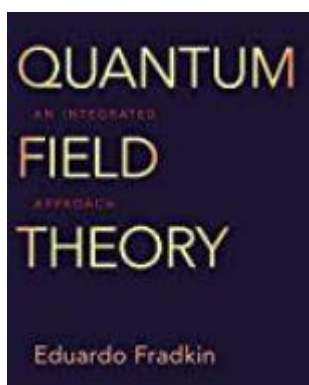
ISBN: 9780367507619

Subjects Terms: Political planning Data processing Politics and government Urban growth boundary Geospatial machine learning

334.02 STE-P

176139; CL

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Quantum field theory an integrated approach by Eduardo Fradkin - Princeton Princeton University Press 2021 - xix, 732 p. -

Includes bibliography and index (p. 721-732)

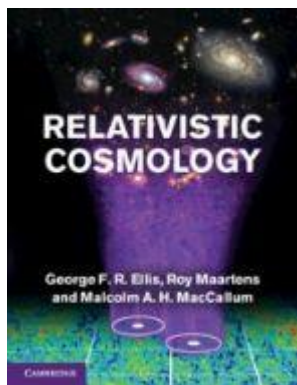
ISBN: 9780691149080

Subjects Terms: Field theory Classical Field theory Conservation laws Canonical quantization Nonrelativistic field theory

530.145 FRA-Q

176628; CL

[Click here for more details](#)



Relativistic cosmology by George F. R. Ellis, Roy Maartens and Malcolm A. H. MacCallum - Cambridge Cambridge University Press 2021 - xiv, 622 p. -

Includes bibliography and index (p. 566-622)

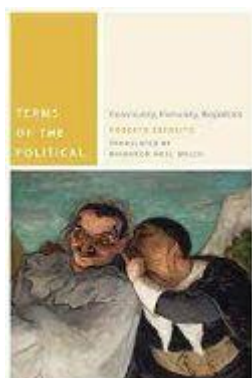
ISBN: 9781108812764

Subjects Terms: Relativistic astrophysics Relativistic quantum theory Cosmological models Relativistic cosmology Classical physics

524.8 ELL-R

176629; CL

[Click here for more details](#)



Terms of the political community, immunity, biopolitics by Roberto Esposito; translated by Rhiannon Noel Welch - New York Fordham University Press 2013 - 152 p. -

Includes bibliography and index (p. 145-152)

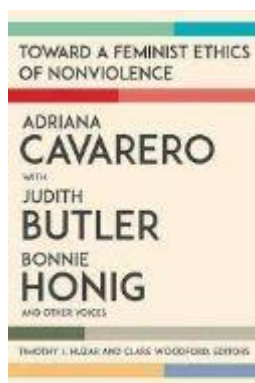
ISBN: 9780823242658

Subjects Terms: Political science Biopolitics Philosophy Interlocutors Human nature

321.01 ESP-T

176220; CL

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Toward a feminist ethics of nonviolence by Adriana Cavarero... (et al.); edited by Timothy J. Huzar and Clare Woodford - New York Fordham University Press 2021 - vi, 205 p. -

Includes bibliography and index (p. 203-205)

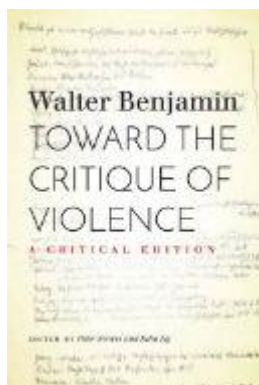
ISBN: 9780823290093

Subjects Terms: Nonviolence Feminist ethics Moral ethics Ethical aspects Antigones

305-055.2 CAV -T

176161; CL

[Click here for more details](#)



Toward the critique of violence a critical edition by Walter Benjamin - Stanford Stanford University Press 2021 - xii, 350p. - Includes Bibliography and Index (345-350p.)

ISBN: 9780804749534

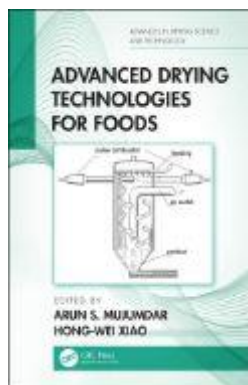
Subjects Terms: Violence philosophy Justice (philosophy) Morality Ethics Capitalism Philosophy of law

364.614.8 -TOW

176340; CL

[Click here for more details](#)

Centre for Rural Development and Technology



Advanced drying technologies for foods edited by Arun S. Mujumdar and Hong-Wei Xiao - Boca Raton CRC Press 2020 - xii, 245p. - Advanced Drying Technologies for Foods

Includes Bibliography and Index(235-245p.)

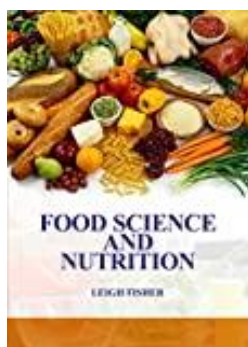
ISBN: 9781138584907

Subjects Terms: Electrohydrodynamic drying Drop swell drying High-quality dried foods Starch-free snacks Pulse combustion drying Microwave drying Infrared radiation-assisted drying

664.8.047 -ADV

176251; CL

[Click here for more details](#)



Food science and nutrition by Leigh Fisher - Waltham Abbey Essex Ed-tech press 2019 - xviii, 358p. -

Includes bibliography and index (p.350-358)

ISBN: 9781788821834

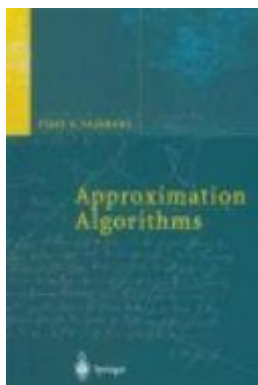
Subjects Terms: Nutrients Biochemical aspects Electrolytes Vitamins Minerals

664:641.12 FIS-F

176253; CL

[Click here for more details](#)

Computer Science and Engineering



Approximation algorithms by Vijay V. Vazirani - Berlin Springer 2003 - xix, 380p. -

Includes bibliography and index (p.357-380)

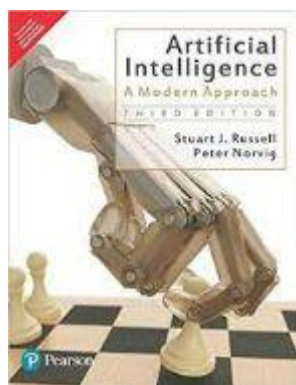
ISBN: 9783642084690

Subjects Terms: LP duality Bin packing Parallel machines Steiner forest Probability theory

510.5:681.3 VAZ-A

176148; CSE

[Click here for more details](#)



Artificial intelligence a modern approach by Stuart J. Russell and Peter Norvig - 3rd ed. - Uttar Pradesh Pearson 2015 - xviii, 1145 p.

Includes bibliography and index (p. 1093-1145)

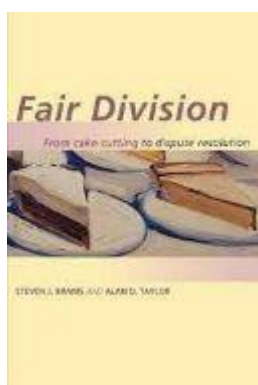
ISBN: 9789332543515

Subjects Terms: Intelligent agents Classical planning Adversarial search Logical agents Quantifying uncertainty Probabilistic reasoning

681.3 RUS-A

176196; CSE

[Click here for more details](#)



Fair division from cake-cutting to dispute resolution by Steven J. Brams and Alan D. Taylor - Cambridge Cambridge University Press 1996 - xiv, 272 p. -

Includes bibliography and index (p. 248-272)

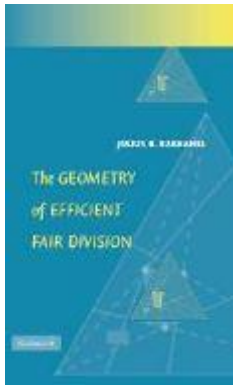
ISBN: 9780521556446

Subjects Terms: Proportionality Auctions Fair divisions by elections Divide the dollar Envy free procedures

321:519.83 BRA-F

176632-176633; CL; CSE

[Click here for more details](#)



Geometry of efficient fair division by Julius B. Barbanel - New York Cambridge University Press 2005 - ix, 462 p. -

Includes bibliography and index (p. 453-462)

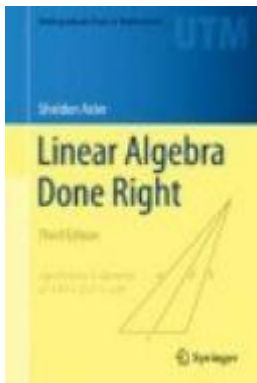
ISBN: 9780521842488

Subjects Terms: Pareto optimality Theorem on the possibilities
General n-player context Hyperreal numbers Fair division
Partitions - Mathematics

514.174 BAR-G

176635; CSE

[Click here for more details](#)



Linear algebra done right by Sheldon Axler - 3rd ed. - New York Springer 2015 - xvii, 340p. - Undergraduate texts in mathematics

Includes bibliography and index (p.337-340)

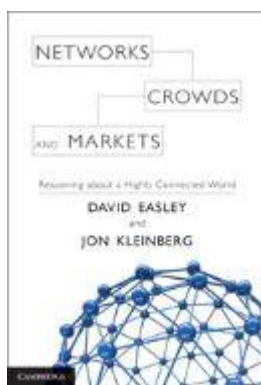
ISBN: 9783319110790

Subjects Terms: Operator Vector spaces Spectral theorem
Polynomials Linear maps

512.64 AXL-L

176149; CSE

[Click here for more details](#)



Networks, crowds, and markets reasoning about a highly connected world by David Easley and Jon Kleinberg - Cambridge Cambridge University Press 2010 - xv, 727 p. -

Includes bibliography and index (p. 693-727)

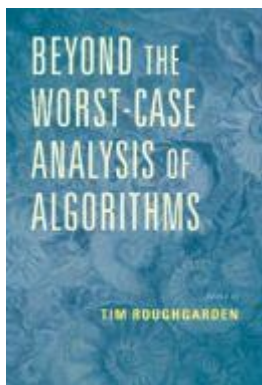
ISBN: 9780521195331

Subjects Terms: Telecommunication Information society
Network models of markets Network effects Epidemics

621.39:304.5 EAS-N

176636-176668; CL; CSE

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Beyond the worst-case analysis of algorithms edited by Tim Roughgarden - Cambridge Cambridge University Press 2021 - xvii, 686p. -

Includes Index (p. 663-686)

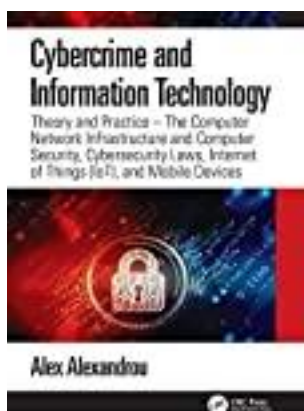
ISBN: 9781108494311

Subjects Terms: Algorithm analysis Instance optimality Resilience Semirandom models Stochastic block models Smoothed analysis

510.5 -BEY

176198; CSE

[Click here for more details](#)



Cybercrime and information technology theory and practice - the computer network infrastructure and computer security, cybersecurity laws, internet of things (IoT), and mobile devices by Alex Alexandrou - 1st ed. - Boca Raton CRC Press 2022 - xvi, 434p. -

Includes Bibliography and Index(419-434P)

ISBN: 9781032053851

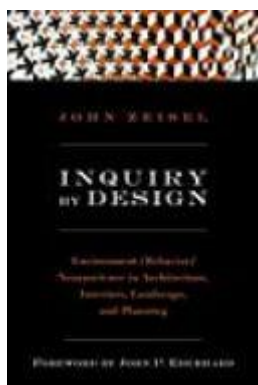
Subjects Terms: Techno-centric society U.S. legal system Networking environment Computer security Smartphones

681.3 ALE-C

176637; CL

[Click here for more details](#)

Design



Inquiry by design environment / behavior / neuroscience in architecture, interiors, landscape, and planning by John Zeisel - New York W.W. Norton and Company 2006 - 400p. -

Includes Bibliography and Index(385-400p.)

ISBN: 9780393731842

Subjects Terms: Images Tests Archives Presentations Research quality Physical traces

72.012 ZEI-I

176660; CL

[Click here for more details](#)



Complete maus by Art Spiegelman a survivor's tale - New York Penguin Books 2003 - 295 p. -

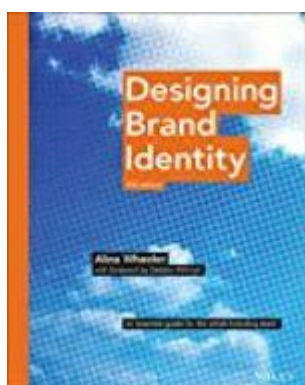
ISBN: 9780141014081

Subjects Terms: Holocaust survivors Spiegelman Children of Holocaust survivors Fathers and sons Nazis

741 SPI-M

176653; CL

[Click here for more details](#)



Designing brand identity an essential guide for the entire branding team by Alina Wheeler - 5th ed. - New Jersey John Wiley 2018 - xi, 324 p. -

Includes bibliography and index (p. 312-324)

ISBN: 9781118980828

Subjects Terms: Brand name products Branding Trademarks Designing identity Advertising Brand ideals

658.8:659 WHE-D

176117; CL

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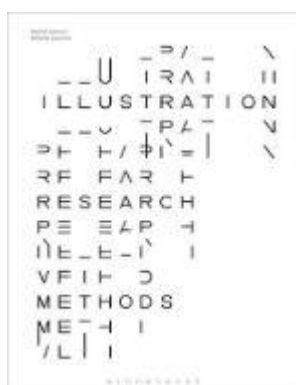


Illustration research methods by Rachel Gannon and Mireille Fauchon - London Bloomsbury Visual Arts 2021 - 223 p. -

Includes bibliography an index (p. 220- 223)

ISBN: 9781350051430

Subjects Terms: Identity Illustration network Social practice Illustration research Articulate body of work

741:001.5 GAN-I

176621; CL

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Munnu a boy from Kashmir by Malik Sajad - London Fourth Estate 2015 - 348 p. -

ISBN: 9780008165628

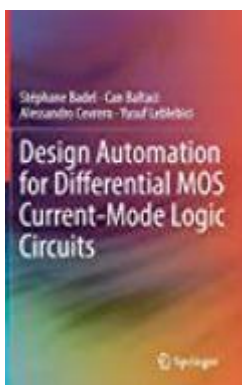
Subjects Terms: India - Jammu and Kashmir Families Social conditions Comic books Graphic novels

741 SAJ-M

176619; CL

[Click here for more details](#)

Electrical Engineering



Design automation for differential mos current-mode logic circuits by Stéphane Badel... (et al.) - Cham Springer 2019 - x, 233 p. -

Includes bibliography and index (p. 229-233)

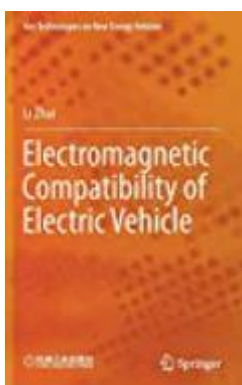
ISBN: 9783319913063

Subjects Terms: Electronics Systems engineering CMOS design automation MCML standard-cell libraries Microelectronics Microprocessors Electronic circuits

621.382 -DES

176374; CL

[Click here for more details](#)



Electromagnetic compatibility of electric vehicle by Li Zhai - Singapore Springer 2021 - xi, 438 p. - Key technologies on new energy vehicles

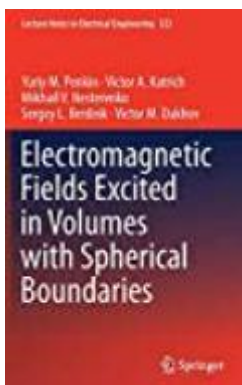
ISBN: 9789813361645

Subjects Terms: Energy vehicles Motor drive system DC converter Wireless charging system Signal integrity Vehicle controller Battery management system Electric vehicles Power electronics Automobiles - Electric vehicles

629.064.5:621.37 ZHA-E

176383; CL

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Electromagnetic fields excited in volumes with spherical boundaries by Yuriy M. Penkin... (et al.) - Cham Springer 2019 - xvii, 197p. - Lecture notes in electrical engineering 523

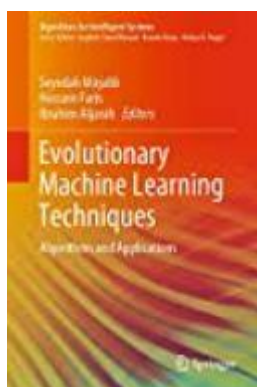
ISBN: 9783319978185

Subjects Terms: Electromagnetic fields Mathematical models Electromagnetic waves Green' functions Radiation fields Multielement

537.8 -ELE

176140; CL

[Click here for more details](#)



Evolutionary machine learning techniques algorithms and applications edited by Seyedali Mirjalili, Hossam Faris and Ibrahim Alijarah - Singapore Springer 2020 - x, 286p. - Algorithms for intelligent systems

Includes bibliography

ISBN: 9789813299894

Subjects Terms: Neural network models Genetic programming Machine learning Medical diagnostic Vector machine

681.3 -EVO

176589; CL

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Fundamentals of IoT communication technologies by Rolando Herrero - Cham Springer 2022 - xix, 249p. - Textbooks in telecommunication engineering

Includes bibliography and index (p.235-249)

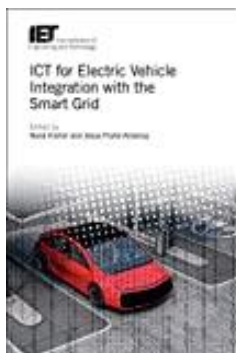
ISBN: 9783030700799

Subjects Terms: Application layer LPWAN technologies Thread architecture Protocol layers Constrained devices

681.3 HER-F

176375; CL

[Click here for more details](#)



ICT for electric vehicle integration with the smart grid edited by Nand Kishor and Jesus Fraile Ardanuy - London Institution of Engineering and Technology 2019 - xiv, 426p. - IET transportation series 16

Includes bibliography and index (p.417-426)

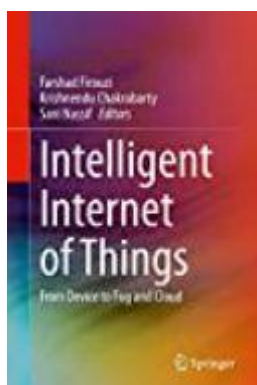
ISBN: 9781785617621

Subjects Terms: Cloud computing Stochastic coordination
Electric vehicles Generators Probabilistic models

629.064.5:681.3 -ICT

175997; CL

[Click here for more details](#)



Intelligent internet of things from device to fog and cloud edited by Farshad Firouzi, Krishnendu Chakrabarty and Sani Nassif - Cham Springer 2020 - xii, 647 p. -

Includes bibliography and index (p. 637-647)

ISBN: 9783030303662

Subjects Terms: IoT fundamentals Engineering IoT networks
Architecting IoT cloud Machine learning Big data IoT cyber security

681.3 -INT

176377; CL

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Introduction to microcontroller programming for power electronics control applications coding with MATLAB and Simulink by Mattia Rossi ... (et al.) - Boca Raton CRC Press 2022 - xxii, 429p. -

Includes bibliography and index (p.423-429)

ISBN: 9780367709853

Subjects Terms: Coding Power electronics Digital converter
Modulator Pulse width

681.3M -INT

176344; CL

[Click here for more details](#)



Machine learning approaches in cyber security analytics by Tony Thomas, Athira P. Vijayaraghavan and Sabu Emmanuel - Cham Springer 2020 - xi, 209p. -

Includes bibliography and index (p.201-209)

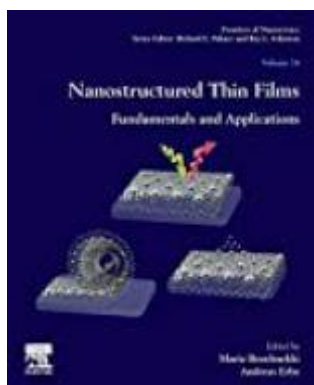
ISBN: 9789811517082

Subjects Terms: Polynomial regression Recognition Malware classification Cybersecurity Dichotomizer

681.3-7 THO-M

176372; CL

[Click here for more details](#)



Nanostructured thin films fundamentals and applications edited by Maria Benelmekki and Andreas Erbe - Amsterdam Elsevier 2019. - x, 323p. - Frontiers of nanoscience

V.14 Includes bibliography and index (p.309-323)

ISBN: 9780081025727

Subjects Terms: Spectroscopic Nanostructured magnetite Piezoelectric Polymer Hydrophobic

620.3 -NAN

176558; CL

[Click here for more details](#)



Nanotechnology and biosensors edited by Dimitrios P. Nikolelis and Georgia-Paraskevi Nikoleli - Amsterdam Elsevier 2018 - xxvi, 446p. - Micro and nano technologies series

Includes bibliography and index (p.427-446)

ISBN: 9780128138557

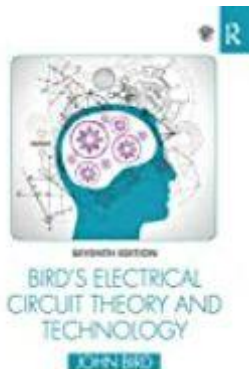
Subjects Terms: Prototype biosensing Nanomaterial Photothermal Magnetite nanoparticles Microfabrication

620.3:53.082.9 -NAN

176662; CL

[Click here for more details](#)

Energy Science and Engineering



Bird's electrical circuit theory and technology by John Bird - 7th ed. - New York Routledge 2022 - xvii, 911p. -

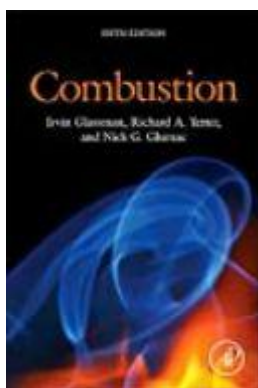
ISBN: 9780367672225

Subjects Terms: Mathematics Electric circuits Electrical engineering Resistance variation Sources of energy Magnetic circuits Electromagnetism Semiconductor diodes Transistors

621.3.049 BIR-B

176147; CL

[Click here for more details](#)



Combustion by Irvin Glassman, Richard A. Yetter and Nick G. Glumac - 5th ed. - Amsterdam Academic press 2015 - xv, 757p. -

Includes bibliography and index (p.747-757)

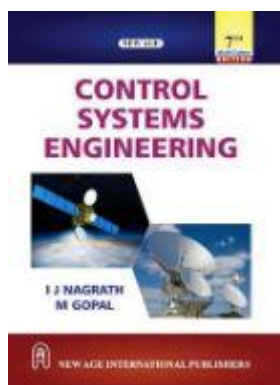
ISBN: 9780124079137

Subjects Terms: Combustion Chemical kinetics Flame phenomena Thermodynamics Hydrocarbons

541.124 GLA-C

176485; CL

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Control systems engineering by I J Nagrath and M Gopal - 7th ed. - New Delhi New age international publishers 2022 - xv, 922p. -

Includes bibliography and index (p.899-922)

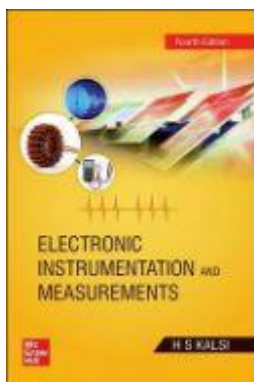
ISBN: 9788195175581

Subjects Terms: Hydraulic systems Frequency analysis Nonlinear systems Optimal control Control systems

621-50 NAG-C

176029; CL

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Electronic instrumentation and measurements by H S Kalsi - 4th ed. - Chennai McGraw Hill Education 2019 - xxvi, 992 p. -

Includes bibliography and index (p. 985-994)

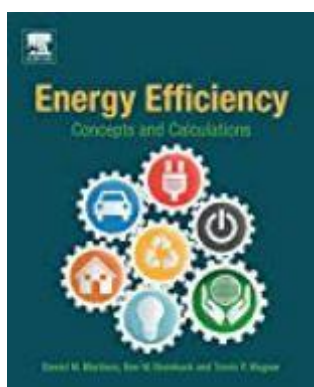
ISBN: 9789353162511

Subjects Terms: Statistical analysis Digital instrument Display devices Digital voltmeters Multirange ammeter Control systems

681.2.08 KAL-E

176191; CL

[Click here for more details](#)



Energy efficiency concepts and calculations by Daniel M. Martinez, Ben W. Ebenhack and Travis P. Wagner - Amsterdam Elsevier 2019 - xii, 314p. -

Includes bibliography and index (p.307-314)

ISBN: 9780128121115

Subjects Terms: Energy conservation Efficiency calculations Power Industrial sector Smart grid

620.9 MAR-E

176289; CL

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Energy management and energy efficiency in industry practical examples by Durmus kaya, Fatma Canka Kilic and Hasan Huseyin Ozturk - Cham Springer 2021 - xxxii, 511p. - Green energy and technology

Includes bibliography

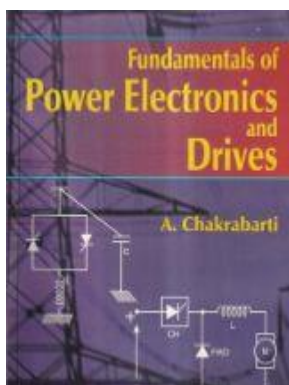
ISBN: 9783030259945

Subjects Terms: Energy management Fuels and combustion Energy efficiency Calibration Energy audits

621.317.38 KAY-E

176047; CL

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Fundamentals of power electronics and drives by A. Chakrabarti
- 2nd ed. - Delhi Dhanpat Rai & Co. 2003 - v.p. -

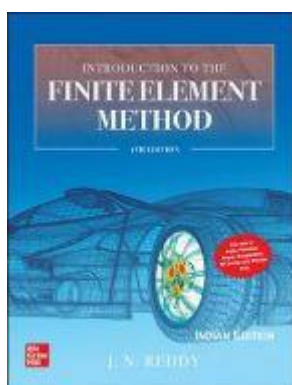
ISBN: 9788177000528

Subjects Terms: Mechanical design Power transistor Thyristor commutation Voltage regulation Inverters AC voltage controller Cycloconverters

621.382 CHA-F

176192; CL

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Introduction to the finite element method by J. N. Reddy - 4th ed. - Chennai McGraw Hill Education 2020 - xxxiv, 782 p. -

Includes bibliography and index (p. 775-782)

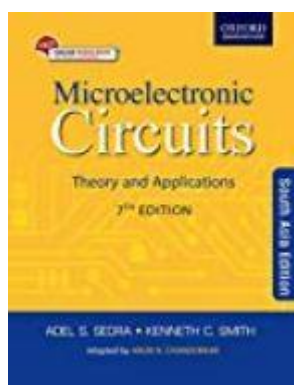
ISBN: 9789390385270

Subjects Terms: Mathematical preliminaries Classical variationa methods Finite element models Heat transfer Fluid mechanics Solid mechanics

517.949 RED-I

176187; CL

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Microelectronic circuits theory and applications by Adel S. Sedra and Kenneth C. Smith - 7th ed. - New Delhi Oxford University Press 2017 - xxiii, 1297p. -

Includes bibliography and index (p.IN-1-IN-18)

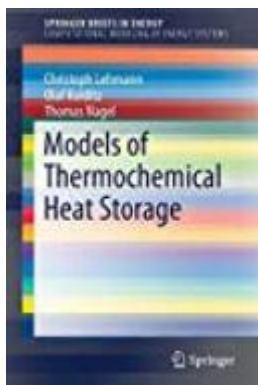
ISBN: 9780199476299

Subjects Terms: Amplifier Logic circuits Transistors Capacitor Memory circuits

621.382 SED-M

176206; CL

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Models of thermochemical heat storage by Christoph Lehmann, Olaf Kolditz and Thomas Nagel - Cham Springer 2018 - xvii, 89 p. - Springer briefs in energy

Includes bibliography and index (p. 87-89)

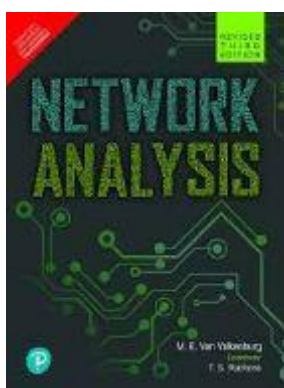
ISBN: 9783319715216

Subjects Terms: Heat storage Mathematical models Thermochemistry Electric power production Energy storage Physical organic chemistry

621.47:544.33 LEH-M

176086; CL

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Network analysis by M.E. Van Valkenburg - 3rd ed. - Noida Person India Education 2019 - xviii, 703 p. -

Includes bibliography and index (p. 699-703)

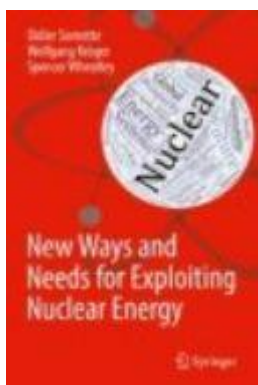
ISBN: 9789353433123

Subjects Terms: Circuit concept Capacitance parameter Power transfer Methods of analysis Circuit functions

681.3 VAL -N

176205; CL

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New ways and needs for exploiting nuclear energy by Didier Sornette, Wolfgang Kroger, and Spencer Wheatley - Switzerland Springer 2019 - xiii, 276p. -

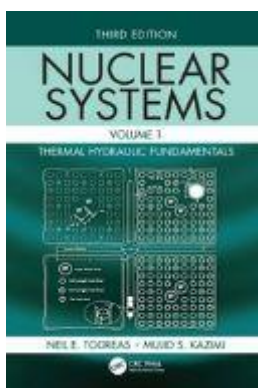
ISBN: 9783030073848

Subjects Terms: System safety Energy security Climatic changes Nuclear fission Governance Nuclear disaster

621.039 SOR-N

175906; CL

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Nuclear systems by Neil E. Todreas and Mujid S. Kazimi thermal hydraulic fundamentals - 3rd ed. - Boca Raton CRC press 2021 - xxv, 900p. -

Includes bibliography and index (p.877-900)

ISBN: 9781138492448

Subjects Terms: Reactor energy Transport equations Thermal analysis Heat transfer Fluid mechanics

539.1:532.5 TOD-N

176189; CL

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Plasma antennas by Theodore Anderson - 2nd ed. - Norwood Artech house 2021 - xxxvi, 347p. -

Includes bibliography and index (p.337-347)

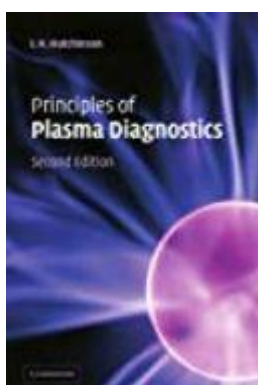
ISBN: 9781630817503

Subjects Terms: Plasma frequency Thermal noise Radiation patterns Tomography Cosite interference

621.396.67:533.9 AND-P

176577; CL

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Principles of plasma diagnostics by I.H. Hutchinson - 2nd ed. - Singapore Cambridge University Press 2002 - xvii, 440p. -

Includes bibliography and index (p.426-440)

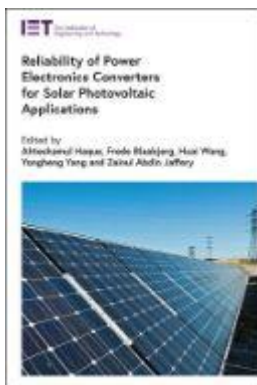
ISBN: 9780521675741

Subjects Terms: Magnetic diagnostics Plasma diagnostics Refractive index Electromagnetic radiation Fourier analysis

533.9 HUT-P

176008; CL

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Reliability of power electronics converters for solar photovoltaic applications edited by Ahteshamul Haque ...(et al.) - Stevenage Institution of Engineering and Technology 2021 - xxvi, 259p. -

Includes bibliography and index (p.251-259)

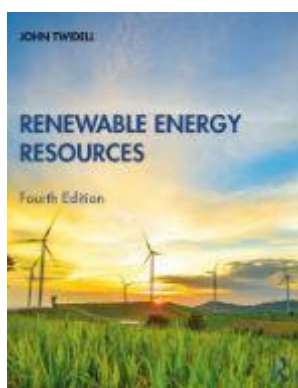
ISBN: 9781839531163

Subjects Terms: Converters Thermal image Solar inverter Photovoltaic Machine learning

621.311.243 -REL

176173; CL

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Renewable energy resources by John Twidell - 4th ed. - Oxon Routledge 2022 - xxxi, 742p. -

Includes bibliography and index (p.707-742)

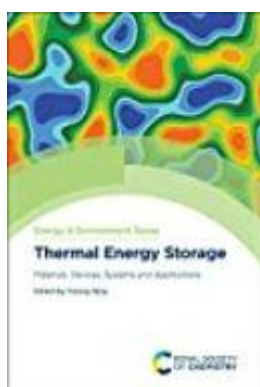
ISBN: 9781032269252

Subjects Terms: Photovoltaic energy Hydropower Heat transfer Tidal-current Solar radiation

620.91 TWI-R

176166; CL

[Click here for more details](#)



Thermal energy storage materials, devices, systems and applications edited by Yulong Ding - Cambridge Royal society of chemistry 2021 - xviii, 537p. - Energy & environment series

Includes bibliography and index (p.524-537)

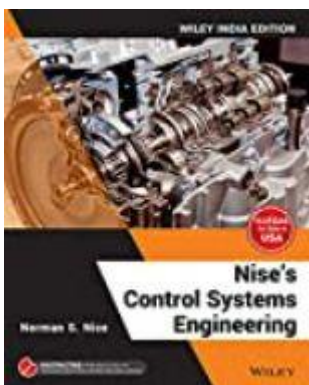
ISBN: 9781788017176

Subjects Terms: Heterogeneous catalysis Transport phenomena Thermochemical energy Conductivity Momentum transport

621.47 - THE

176247; CL

[Click here for more details](#)



Nise's control systems engineering by Norman S. Nise - New Delhi Wiley 2022 - xvi, 919 p. -

Includes bibliography and index (p. 895-919)

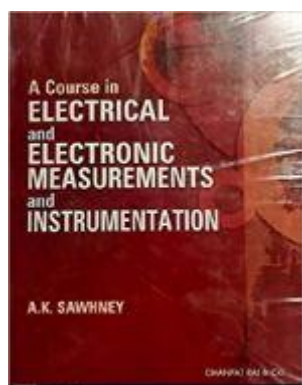
ISBN: 9788126571833

Subjects Terms: Automatic control Time response Root locus Digital control system Time domain

621-50 NIS-N

176656; CL

[Click here for more details](#)



Course in electronic measurements and instrumentation by A. K. Sawhney and Puneet Sawhney - Delhi Dhanpat Rai & Co 2022 - v.p. -

Includes bibliography and index (p. i-xii)

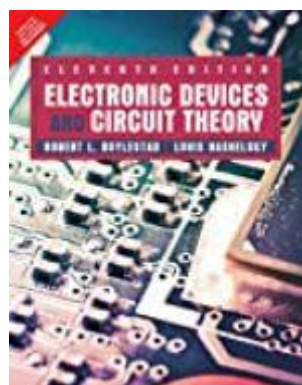
ISBN: 9788177001006

Subjects Terms: Measurement systems Instruments Statistical analysis Circuit components Analog instruments

621.317 SAW-C

176334; CL

[Click here for more details](#)



Electronic devices and circuit theory by Robert L. Boylestad and Louis Nashelsky - 11th ed. - Noida Pearson 2015 - xx, 932 p. -

Includes bibliography and index (p. 927-932)

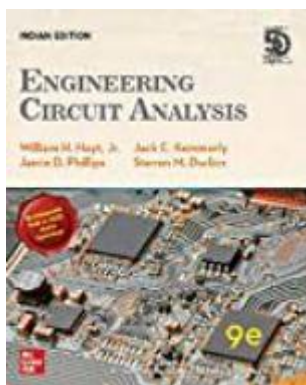
ISBN: 9789332542600

Subjects Terms: Semiconductor diodes Bipolar junction transistors Power amplifiers Oscillator circuits Voltage regulators FET amplifiers

621.382 BOY-E

176031; CL

[Click here for more details](#)



Engineering circuit analysis by William H. Hayt ...(et al.) - 9th ed. - Chennai McGraw Hill 2019 - xvi, 864p. -

Includes bibliography and index (p.847-860)

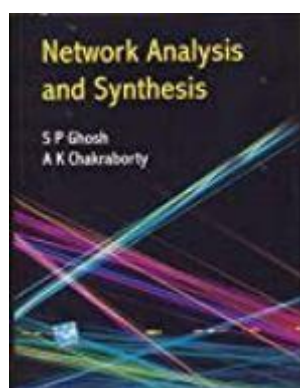
ISBN: 9789390185139

Subjects Terms: Circuit Inductance Laplace transforms Fourier series Theorems

621.3.049 -ENG

176213; CL

[Click here for more details](#)



Network analysis and synthesis by S P Ghosh and A K Chakraborty - New Delhi McGraw Hill Education 2010 - xix, 965p. -

Includes bibliography and index (p.960-965)

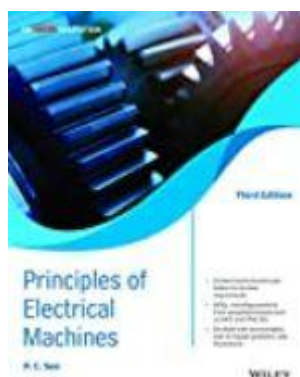
ISBN: 9780070144781

Subjects Terms: Notations Signals Electrical energy Resonant circuit Frequency

621.3.012.8 GH0-N

176646; CL

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Principles of electrical machines by P. C. Sen - 3rd ed. - New Delhi Wiley 2021 - xvii, 450p. -

Include bibliography and index (p.11-17)

ISBN: 9789390395057

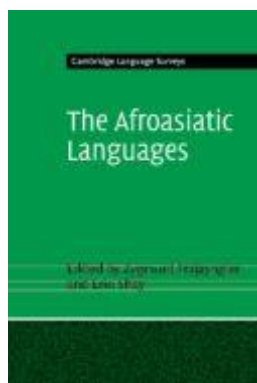
Subjects Terms: Magnetic circuits Electromechanical energy DC machines Autotransformer Harmonics

621.313 SEN-P

176089; CL

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Humanities & Social Sciences



Afroasiatic languages edited by Zygmunt Frajzyngier and Erin Shay - Cambridge University Press 2020 - xix, 687p. - Cambridge Language Surveys

Includes Bibliography and index

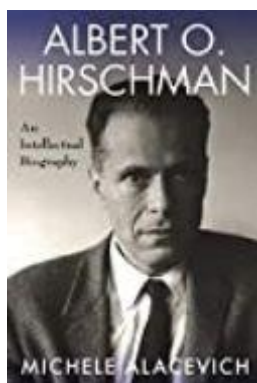
ISBN: 9781108977852

Subjects Terms: Berber Cushitic Ancient Egyptian and Coptic Semitic Chadic Cushitic Omotic

811.41 -AFR

176624; CL

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Albert O. Hirschman an intellectual biography by Michele Alacevich - New York Columbia university press 2021 - xvi, 332p. -

Includes bibliography and index (p.295-332)

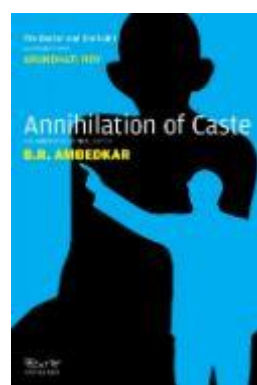
ISBN: 9780231199827

Subjects Terms: Politics of power Democracy Market societies Economics History

929HIR ALA-A

176316; CL

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Annihilation of caste by B. R. Ambedkar; edited by S. Anand - New Delhi Navayana 1936 - 415p. -

Includes bibliography and index (p.377-415)

ISBN: 9788189059675

Subjects Terms: Caste Vindication of caste Mahatma Gandhi B. R. Ambedkar

316.342.3 AMB-A

175975; CL

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Comparative employment relations in the global economy edited by Carola Frege and John Kelly - 2nd ed. - Abingdon Routledge 2020 - xxiv, 536 p. -

Includes bibliography and index (p. 525-536)

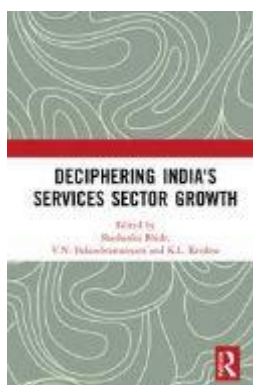
ISBN: 9781138683020

Subjects Terms: Global challenges at work Globalization Job quality Work intensity Working time Inequalities Labour migration Employee rights at work

331.1 -COM

175885; CL

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Deciphering India's services sector growth edited by Shashanka Bhide, V.N. Balasubramanyam and K.L. Krishna - Abingdon Routledge 2021 - xxv, 228 p. -

Includes bibliography and index (p. 223-228)

ISBN: 9781032016061

Subjects Terms: Indian economy Service tax in India Services exports Services sector employment Production loan access Policy issues

338.46 -DEC

175887; CL

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Economics by Paul Krugman and Robin Wells - 6th ed. - New York Macmillan international 2021 - xxxii, 993p. -

Includes bibliography and index (p.G-1-I-22)

ISBN: 9781319383527

Subjects Terms: Stabilization policy Events and ideas Economics Public policy Macroeconomics

330 KRU-E

176275; CL

[Click here for more details](#)



Fables of aggression Wyndham Lewis, the modernist as fascist by Fredric Jameson - London Verso Books 2008 - ix, 190p. -

Includes bibliography and index (p. 187-190)

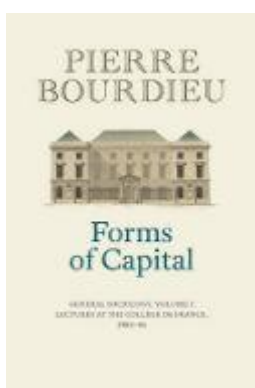
ISBN: 9781844672790

Subjects Terms: Modernism Fascism Oppositionalism Narrative analysis Psychoanalysis Ideological analysis

82-95:329.18 JAM-F

175978; CL

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Forms of capital lectures at the college de France (1983-1984) by Pierre Bourdieu - Cambridge Polity Press 2021 - ix, 380 p. - General sociology

Includes bibliography and index (p. 365-380)

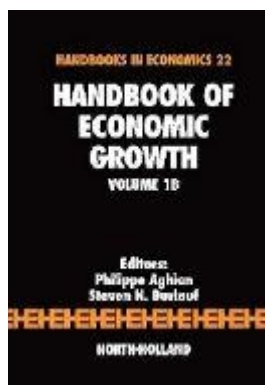
ISBN: 9781509526703

Subjects Terms: Sociology - Study and teaching Capitalism Intellectuals Cultural capital Bureaucracy

330.142 BOU-F

176409; CL

[Click here for more details](#)



Handbook of economic growth edited by Philippe Aghion and Steven N. Durlauf - Amsterdam Elsevier North-Holland 2005 - xxv, 1821p. - Handbook of economic growth

Includes bibliography and index (I-1-I-46)

ISBN: 9780444520432

Subjects Terms: Growth and ideas Economic transformation Wage inequality Trade and geography Socioeconomic environment

RL-HB 330.35 -HAN

176276; CL

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International economics by Robert C. Feenstra and Alan M. Taylor - 5th ed. - New York Macmillan international 2021 - xxiii, 806p. - Includes bibliography and index (p.I-1-I-8)

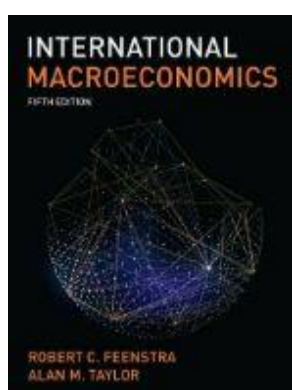
ISBN: 9781319383435

Subjects Terms: International trade Macroeconomics Financial globalization Global economy Monopolistic competition

339.9 FEE-I

176277; CL

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International macroeconomics by Robert C. Feenstra and Alan M. Taylor - 5th ed. - New York Macmillan international 2021 - xxiii, 414p. -

Includes bibliography and index (p.I-1-I-9)

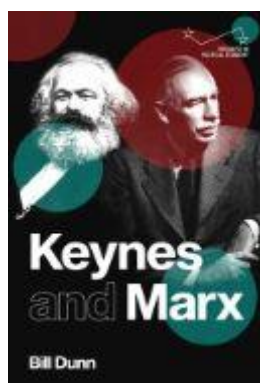
ISBN: 9781319382827

Subjects Terms: Forex market Fixed viruses floating Stabilization policy Macroeconomic activity Open economy

330.101.541 FEE-I

176579; CL

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Keynes and marx by Bill Dunn - Manchester Manchester University Press 2021 - viii, 295p. - Progress in political economy

Includes bibliography and index (p.268-295)

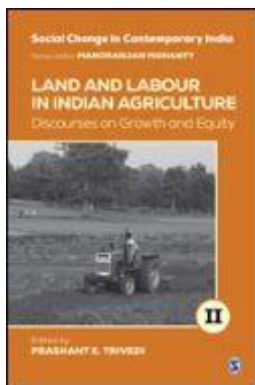
ISBN: 9781526154903

Subjects Terms: Keynesianism Keynes life Keynes philosophy Keynesian theory Unemployment Keynes politics

330.834 DUN-K

176449; CL

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Land and labour in Indian agriculture discourses on growth and equity edited by Prashant K. Trivedi - New Delhi Sage Publication 2021 - xlix, 347p. - Social Change in Contemporary India

Includes Bibliography and Index(340-347p.)

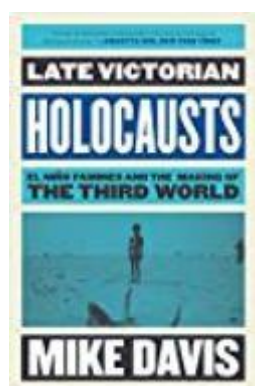
ISBN: 9789353887346

Subjects Terms: Land reforms Bihar villages Land alienation Women's rights Micro-Regional planning Agricultural modernization Green revolution

331 -LAN

176570; CL

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Late Victorian Holocausts al nino famines and the making of the third world by Mike Davis - London Verso Books 2017 - x, 469p. -

Includes bibliography and index (p. 415-469)

ISBN: 9781784786625

Subjects Terms: Famines Imperialism Economic development Pacific Ocean--El Niño Current The great draught

338.14 DAV-L

175979; CL

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Macroeconomics of Malthus by John Pullen - London Routledge 2022 - x, 268p. - Routledge studies in the history of economics

Includes bibliography and index (p.253-268)

ISBN: 9780367752255

Subjects Terms: Labour and wages Malthus's methodology Private sector and public sector Wages- profits relation Consumption

330.101.541 PUL-T

176571; CL

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Microeconomics by Paul Krugman and Robin Wells - 6th ed. - New York Macmillan international 2021 - xxx, 605p. -

Includes bibliography and index (p.I-1-I-14)

ISBN: 9781319385842

Subjects Terms: Consumer and producer Economic models Elasticity Monopoly Microeconomics policy

330.18 KRU-M

176580; CL

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Microeconomics anti-textbook a critical thinker's guide by Rod Hill and Tony Myatt - London Zed Books 2022 - xiii, 380p. -

Includes bibliography and index (p. 343-380)

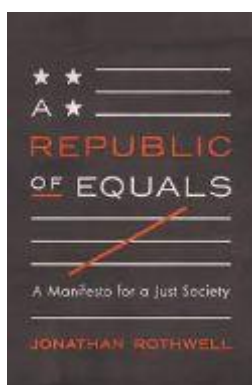
ISBN: 9781783607297

Subjects Terms: Textbook bias Economic model Paradigms and ideology Market equilibrium Taxation

330.101.542 HIL-M

176503; CL

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Republic of equals a manifesto for a just society by Jonathan Rothwell - New Jersey Princeton University Press 2019 - viii, 379p. -

Includes Bibliography and Index(369-379p.)

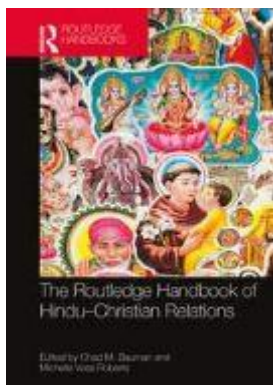
ISBN: 9780691183763

Subjects Terms: Equality Justice Distribution (Economic theory) Income distribution Democracy

316.34 ROT-R

176505; CL

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Routledge handbook of Hindu-Christian relations edited by Chad M. Bauman and Michelle Voss Roberts - Oxon Routledge 2021 - xiv, 501p. -

Includes Bibliography and Index(484-501p.)

ISBN: 9781003139843

Subjects Terms: Modern Hinduism Dominant caste Hindus Syrian Christians Catholics and Hindus Anti-conversion laws Ritual and ritualization

RL-HB 233:27 -ROU

176435; CL

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South Asian borderlands mobility, history, affect edited by Farhana Ibrahim and Tanuja Kothiyal - Cambridge Cambridge University Press 2021 - x, 285p. -

Includes bibliography and index (p. 275-286)

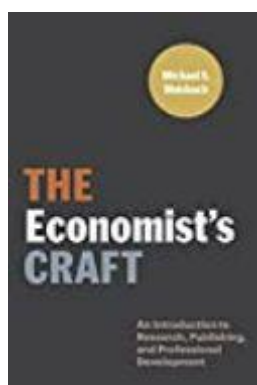
ISBN: 9781108844512

Subjects Terms: Transnationalism Himalaya Mountains Region Boundaries--Social aspects Political Terrain Kashmir Frontiers

94(292.56) -SOU

175982; HSS

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The economist's craft an introduction to research, publishing, and professional development by Michael S. Weisbach. - New Jersey Princeton University Press 2021 - xvi, 297p. - Skills for Scholars

Includes Bibliography and Index(285-297p.)

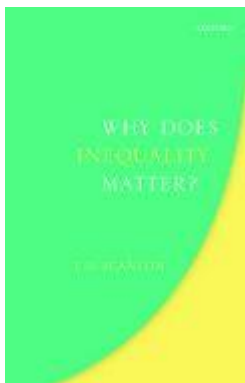
ISBN: 9780691216485

Subjects Terms: Research methodology Writing a draft Academics Economics--research Social sciences--research--methodology

303.1 WEI-E

176507; CL

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Why does inequality matter? by T. M. Scanlon - Oxford Oxford 2020 - ix, 170p. -

Includes Bibliography and Index(159-170p.)

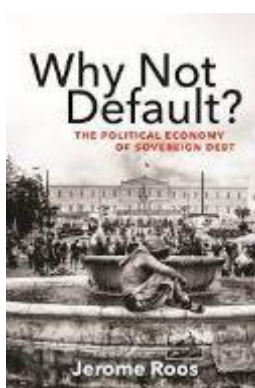
ISBN: 9780198854883

Subjects Terms: Equality Equality--economic aspects Equality--moral and ethical aspects Income distribution Social stratification

316.34 SCA-W

176298; CL

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Why not default? the political economy of sovereign debt by Jerome Ross - Princeton Princeton University Press 2019 - x, 398 p. -

Includes bibliography and index (p. 355-398)

ISBN: 9780691217437

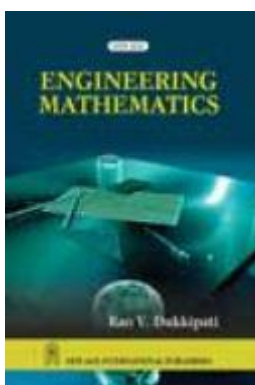
Subjects Terms: International finance Political economy Finance Debts - Management Public - Accounting Public opinion Public debts management

336.1 ROO-W

176450; CL

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Mathematics



Engineering mathematics / by Rao V. Dukkupati - New Delhi New Age International Pvt Ltd 2012 - xiii, 955p -

Include Bibliography and index from (947-955p.)

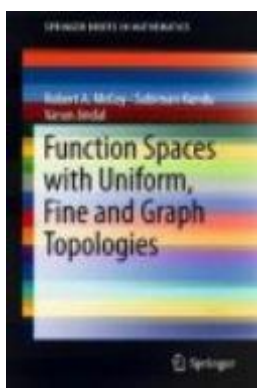
ISBN: 9788122433586

Subjects Terms: Vector algebra Matrix algebra Determinants Linear system of equation Algebraic and transcendental equation Integrals Regression and correlation

51:62 DUK-E

176453; TB

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Function spaces with uniform, fine and graph topologies by Robert A. McCoy, Subiman Kundu and Varun Jindal - Cham Springer 2018 - xviii, 106 p. - Springer briefs in mathematics

Includes bibliography and index (p. 101-106)

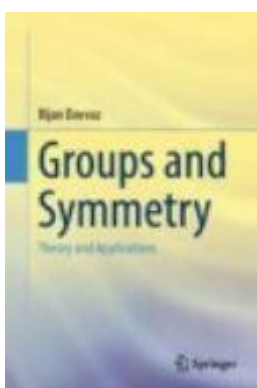
ISBN: 9783319770536

Subjects Terms: Metrizable Cardinal functions Path connectedness Stone-Weierstrass Homeomorphisms Topology

517.5 MCC-F

176168; CL

[Click here for more details](#)



Groups and symmetry theory and applications by Bijan Davvaz - Singapore Springer 2021 - xv, 279 p. -

Includes bibliography and index (p. 277-279)

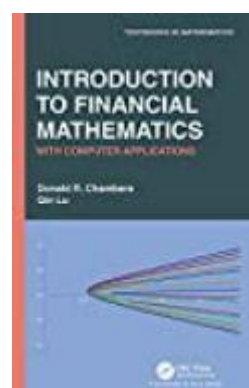
ISBN: 9789811661075

Subjects Terms: Group theory Symmetry groups Sylow's theorems Platonic solids Geometric objects Normal series

512.54 DAV-G

176390; CL

[Click here for more details](#)



Introduction to financial mathematics with computer applications by Donald R. Chambers and Qin Lu - Boca Raton CRC press 2021 - xxiii, 555p. - Textbooks in mathematics

Includes bibliography and index (p.551-555)

ISBN: 9780367410391

Subjects Terms: Business mathematics Financial derivatives Portfolio management Derivatives modeling HJM framework

519.86 CHA-I

176160; CL

[Click here for more details](#)



Introduction to optimization-based decision making by Joao Luis de Miranda - Boca Raton CRC press 2022 - xxi, 241p. - Series in operations research

Includes bibliography and index (p.231-241)

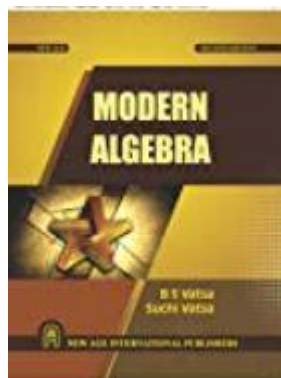
ISBN: 9781138712164

Subjects Terms: Optimality analysis Linear algebra Linear programming Decision making Calculus optimization

519.863:681.3 MIR-I

176159; CL

[Click here for more details](#)



Modern algebra by B S Vatsa and Suchi Vatsa - 2nd ed. - New Delhi New Age International Publishers 2010 - xiv, 464p. -

Includes bibliography and index (p. 459-464)

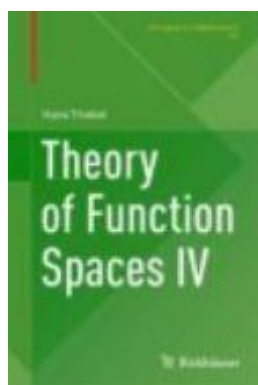
ISBN: 9788122425802

Subjects Terms: Set theory Group theory Homomorphisms Ring theory Polynomial rings Vector spaces Linear programming Field theory Galois theory

512 VAT-M

176454; CL

[Click here for more details](#)



Theory of function spaces IV by Hans Triebel - Cham Birkhauser 2020 - x, 160p. - Monographs in mathematics 107

Includes bibliography and index (p.147-160)

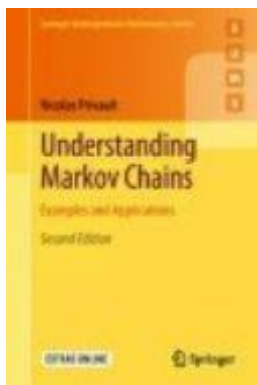
ISBN: 9783030358938

Subjects Terms: Diffeomorphisms Heat kernels Fourier analysis Wavelets Spaces

515.17 TRI-T

176559; CL

[Click here for more details](#)



Understanding Markov chains examples and applications by Nicolas Privault - 2nd ed. - Singapore Springer 2018 - xvii, 372 p. - Springer undergraduate mathematics series

Includes bibliography and index (p. 365-372)

ISBN: 9789811306587

Subjects Terms: Stochastic processes Gambling processes Random walks Classification of states Branching processes Reliability theory Spatial Poisson processes

519.217.2 PRI-U

176391; CL

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Mechanical Engineering



Advanced heat transfer by Greg F. Naterer - 3rd ed. - Boca Raton CRC press 2022 - xxi, 555p. -

Includes bibliography and index (p.543-555)

ISBN: 9781032072470

Subjects Terms: Heat exchangers Thermal radiation Heat conduction Convection Solidification

536.24 NAT-A

176222; CL

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Biofuels for a more sustainable future life cycle sustainability assessment and multi-criteria decision making edited by Jingzheng Ren... (et al.) - Amsterdam Elsevier 2020 - xiii, 400 p. -

Includes bibliography and index (p. 391-400)

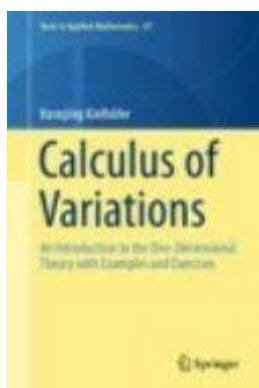
ISBN: 9780128155813

Subjects Terms: Biomass energy Biofuels technologies Energy sector Biofuel production systems Biofuel transitions Biofuel supply chain

662.754 -BIO

176278; CL

[Click here for more details](#)



Calculus of variations an introduction to the one-dimensional theory with examples and exercises by Hansjorg Kielhofer - Cham Springer 2018 - xvi, 227 p. - Texts in applied mathematics

Includes bibliography and index (p. 223-227)

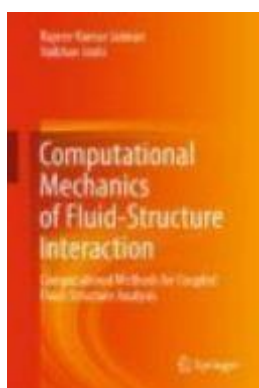
ISBN: 9783319890388

Subjects Terms: Mathematical optimization Euler-Lagrange equation Variational problems Geodesics Dido's problem

517.97 KIE-C

176212; ME

[Click here for more details](#)



Computational mechanics of fluid-structure interaction computational methods for coupled fluid-structure analysis by Rajeev Kumar Jaiman and Vaibhav Joshi - Singapore Springer 2022 - xv, 329p. -

Include bibliography and index (p.319-329)

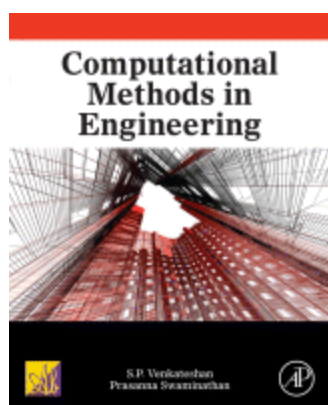
ISBN: 9789811653544

Subjects Terms: Turbulence modeling Quasi-monolithic fluid Stabilized finite element Equilibrium Kinematics

532:519.6 JAI-C

176587; CL

[Click here for more details](#)



Computational methods in engineering by S.P. Venkateshan and Prasanna Swaminathan - 2nd ed. - New Delhi Ane books pvt. ltd. 2022 - xxiii, 845p. -

Includes bibliography and index (p.841-845)

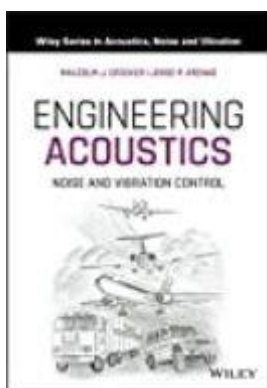
ISBN: 9789389212822

Subjects Terms: Wave equation Poisson equations Laplace equations Numerical integration Interpolation

62:681.3 VEN-C

176262; CL

[Click here for more details](#)



Engineering acoustics noise and vibration control by Malcolm J. Crocker and Jorge P. Arenas - John Wiley & Sons New Jersey 2021 - xxiii, 759p. - Wiley series in acoustics, noise and vibration

Includes bibliography and index (p.737-759)

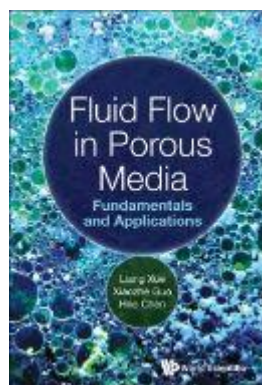
ISBN: 9781118496428

Subjects Terms: Sound generation Human hearing Transducers Acoustical enclosures Silencers

534.83:62 CRO-E

176676; CL

[Click here for more details](#)



Fluid flow in porous media fundamentals and applications by Liang Xue, Xiaozhe Guo and Hao Chen - Singapore Word Scientific Publishing 2021 - xxxii, 375 p. -

Includes bibliographical and index (p. 371-375)

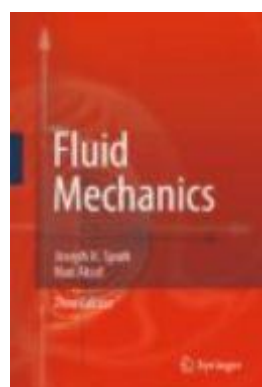
ISBN: 9789811219528

Subjects Terms: Oil reservoir engineering Petroleum Fluids Physicochemical flow Prous media

532.546:622.276 XUE-F

176210; CL

[Click here for more details](#)



Fluid mechanics edited by Joseph H. Spurk - 3rd ed. - Cham Springer 2020 - xiv, 589p. -

Includes Bibliography and Index(577-589p.)

ISBN: 9783030302580

Subjects Terms: Continuum and Kinematics Continuum Mechanics Hydrostatics Laminar Unidirectional Flows Turbulent Flow Hydrodynamic Lubrication Stream Filament Theory Potential Flows Supersonic Flow Boundary Layer Theory Creeping Flows

532.5 SPU-F

176447; ME

[Click here for more details](#)



Fluid mechanics of planets and stars edited by Michael Le Bars and Daniel Lecoanet - Cham Springer 2020 - vii, 241p. - CISM International Centre for Mechanical Sciences, Courses and Lectures Includes bibliography and index (p.239-241)

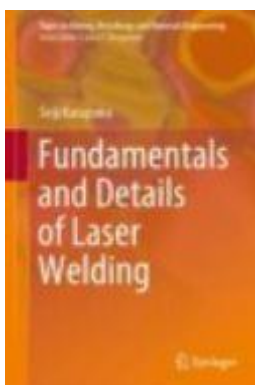
ISBN: 9783030220761

Subjects Terms: Planets Geodynamo Turbulence Fluids Internal waves

532.5:523/524 -FLU

176346; CL

[Click here for more details](#)



Fundamentals and details of laser welding by Seiji Katayama - Singapore Springer 2020 - ix,198 p. - Topics in mining, metallurgy and materials engineering

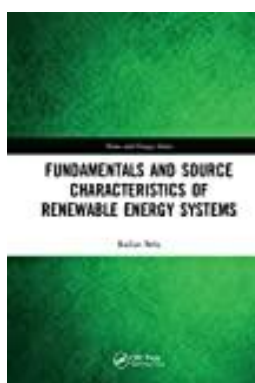
ISBN: 9789811579356

Subjects Terms: Laser welding Composite materials Hybrid welding Welding processes Ceramics Metallurgy Metals

621.791.725 KAT-F

176675; CL

[Click here for more details](#)



Fundamentals and source characteristics of renewable energy systems by Radian Belu - Boca Ration CRC Press 2020 - xv, 404p. - Nano and energy series

Includes bibliography and index (p.397-404)

ISBN: 9780367261399

Subjects Terms: Energy environment Solar energy Solar thermal energy Wind energy Geothermal energy Hydropower

620.91 BEL-F

176178; CL

[Click here for more details](#)



Fundamentals of materials science the microstructure-property relationship using metals as model systems by Eric J. Mittemeijer - 2nd ed. - Cham Springer 2021 - xxvii, 737p. -

Includes bibliography and index (p.723-737)

ISBN: 9783030600556

Subjects Terms: Materials science Kinetics Transformations Recrystallization Elasticity

620.1 MIT-F

176224; CL

[Click here for more details](#)



Introduction to mechanism design with computer applications by Eric Conrads and Karl B. Dyer - Boca Raton CRC Press 2019 - xix, 739p. -

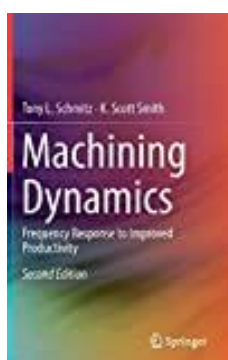
ISBN: 9781138740655

Subjects Terms: Machine design Kinematics Graphical linkage synthesis Velocity analysis Force analysis Planetary gear trains

621-1/-9:681.3 CON-I

176259; CL

[Click here for more details](#)



Machining dynamics frequency response to improved productivity by Tony L. Schmitz and K. Scott Smith - 2nd ed. - Cham Springer 2019 - x, 382p. -

Includes bibliography and index (p. 377-382)

ISBN: 9783319937069

Subjects Terms: Tribology Dynamics Stability Modal analysis Fourier series

621.9 SCH-M

176260;176349 ; CL-ME

[Click here for more details](#)



Materials for engineers and technicians by William Bolton and R. A. Higgins - 7th ed. - Abingdon Routledge 2021 - xx, 439 p. -

Includes bibliography and index (p. 433-439)

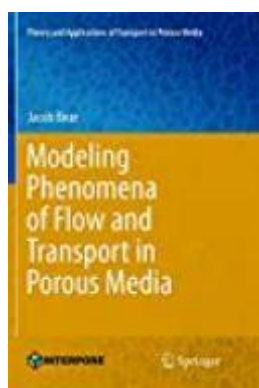
ISBN: 9780367535506

Subjects Terms: Materials science Engineering materials Mechanical testing Casting process Alloys Iron and steel Cast iron Ceramics Glasses Composite materials

620.1 BOL-M

176279-176280; CL;ME

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Modeling phenomena of flow and transport in porous media by Jacob Bear - Cham Springer 2018 - xxv, 742 p. - Theory and applications of transport in porous media 31

Includes bibliography and index (p. 729-742)

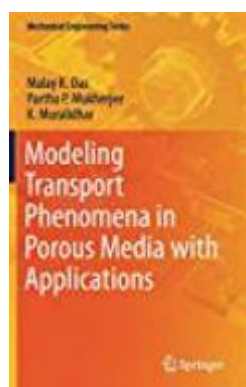
ISBN: 9783319892153

Subjects Terms: Porous medium Microscopic Rock domains Thermodynamics Mass transport Chemical species Modeling energy Poromechanics Deformation

532.546 BEA-M

176281; CL

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Modeling transport phenomena in porous media with applications by Malay K. Das, Partha P. Mukherjee and K. Muralidhar - Cham Springer 2018 - xi, 241p. - Mechanical engineering series

Includes bibliography and index (p.239-241)

ISBN: 9783319698649

Subjects Terms: Porous materials Transport theory Pulsatile flow Electrochemical Biological fluids

544.62:532.546 DAS-M

176225; CL

[Click here for more details](#)



Non-traditional and advanced machining technologies by Helmi Youseff and Hassan El-Hofy - 2nd ed. - Boca Raton CRC Press 2021 - xxvi, 463p. -

Includes bibliography and index (p.458-463)

ISBN: 9780367431341

Subjects Terms: Assisted Machining Technologies Design for Machining Surface Integrity Hexapods and Machining Technology production engineering fields

621.9 YOU-N

176458; CL

[Click here for more details](#)



Paper-based diagnostics current status and future applications edited by Kevin J. Land - Switzerland Springer 2019 - ix, 220p. -

Includes Bibliography and Index(213-220p.)

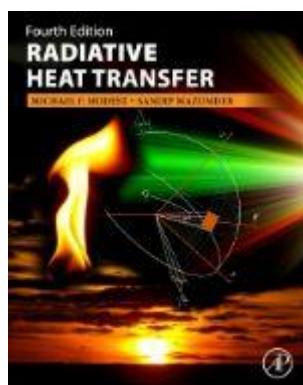
ISBN: 9783319968704

Subjects Terms: Paper chemistry Paper manufacturer Paper based analytical devices Fascination of paper Innovation

616-079 -PAP

176350; CL

[Click here for more details](#)



Radiative Heat Transfer by Michael F. Modest and Sandip Mazumder - 4th ed. - London Academic Press 2022 - xxiv, 978 p. -

Includes bibliography and index (p. 975-987)

ISBN: 9780323984065

Subjects Terms: Heat - Radiation Heat - Absorption Heat - Transmission Two - Phase flow Radiative transfer Thermal radiation

536.24 MOD-R

176457; CL

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Reliability design of mechanical systems a guide for mechanical and civil engineers by Seongwoo Woo - 2nd ed. - Singapore Springer 2020 - xvi, 464 p. -

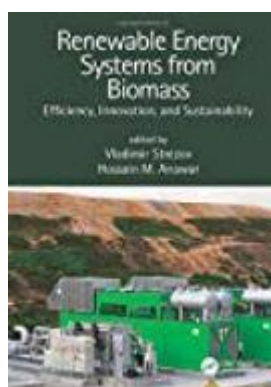
ISBN: 9789811372384

Subjects Terms: Design process Load analysis Mechanical structures Automobile Mechanical vibration

621:624 WOO-R

176146; CL

[Click here for more details](#)



Renewable energy systems from biomass efficiency, innovation and sustainability edited by Vladimir Strezov and Hossain M. Anwar - Boca Raton CRC Press 2019 - xi, 266p. -

Includes bibliography and index (p.443-451)

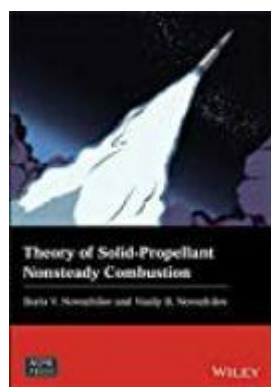
ISBN: 9781498767903

Subjects Terms: Bioenergy systems Biofuels production Renewable energy Bioenergy potential Bioenergy resources

620.91- REN

176179; CL

[Click here for more details](#)



Theory of solid-propellant nonsteady combustion by Boris V. Novozhilov and Vasily B. Novozhilov. - John and Wiley Hoboken 2021 - xxvii, 324 p. - Wiley-ASME Press series

Includes bibliography and index (p. 321-324)

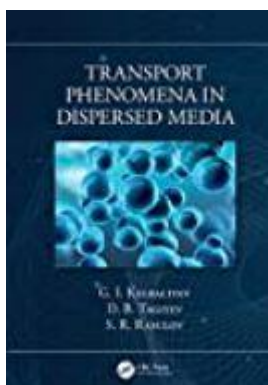
ISBN: 9781119525707

Subjects Terms: Solid propellants Combustion wave structure Gaseous flame Zeldovich theory Transient regimes Acoustic regimes Burning rate response

629.7.026.55 NOV-T

176273; CL

[Click here for more details](#)



Transport phenomena in dispersed media by G. I. Kelbaliyev, D. B. Tagiyev and S. R. Rasulov - Boca Raton CRC Press 2020 - xxii, 433p. Includes bibliography and index (p.429-433)

ISBN: 9780367202309

Subjects Terms: Hydrodynamics Sedimentation Stochastic Dispersion media Newtonian fluids

66.04 KEL-T

175879; ME

[Click here for more details](#)



Turbulent flows by Stephen B. Pope - New Delhi Cambridge university press 2009 - xxxiv, 771p. -

Includes bibliography and index (p.727-771)

ISBN: 9780521177849

Subjects Terms: Turbulence Wall flows Cartesian tensors Fourier transforms Spectra

532.517.4 POP-T

176239; ME

[Click here for more details](#)



Welding technology edited by J. Paulo Davim - Cham Springer 2021 - ix, 422 p. - Materials forming, machining and tribology

Includes bibliography and index (p. 419-422)

ISBN: 9783030639853

Subjects Terms: Arc welding Laser beam welding Explosion welding Hot pressure welding Adhesive bonding Welded joints Welding defects

621.791 -WEL

176274; CL

[Click here for more details](#)

Management Studies



Gig economy workers and media in the age of convergence edited by Brian Dolber... (et al.) - New York Routledge 2021 - xvii, 322 p. Includes bibliography and index (p. 279-322)

ISBN: 9780367686222

Subjects Terms: Mass media - Political aspects Economics - Political aspects Employee rights Temporary employment Independent contractors

331 -GIG

176673; CL

[Click here for more details](#)



Tyranny of merit what's become of the common good? by Michael J. Sandel - [S.l.] Penguin Books 2021 - 272 p. -

Includes bibliography and index (p. 261-272)

ISBN: 9780141991177

Subjects Terms: Winners Losers Moral history Rhetoric of rising Ethics Recognizing

316.444 SAN-T

176665; CL

[Click here for more details](#)

Physics



Advances in photonic crystals and devices edited by Narendra Kumar and Bhuvneshwer Suthar - Boca Raton CRC Press 2020 - xviii, 357 p. -

Includes bibliography and index (p. 349-)

ISBN: 9781138552463

Subjects Terms: Nonlinear optics Broadband fiber Electromagnetic density Plasma defect Biosensing application Logic gates Biomedical sensing

621.397 -ADV

176092; CL

[Click here for more details](#)



Applications of nanomaterials advances and key technologies edited by Mikhail Brykov - New York Intelliz Press 2021 - xvi, 298 p. -

Includes bibliography and index (p. 295-298)

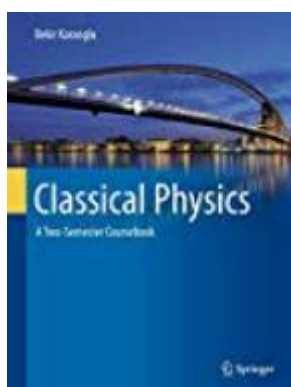
ISBN: 9781682517185

Subjects Terms: Chemical sensors Metal nanostructures Microwave spectroscopic 3D nano-pillars Fuel cells Anodic catalysts

620.3 -APP

176193; CL

[Click here for more details](#)



Classical physics a two-semester coursebook by Bekir Karaoglu - Switzerland Springer 2020 - viii, 408p. -

Includes bibliography and index (p. 405-408)

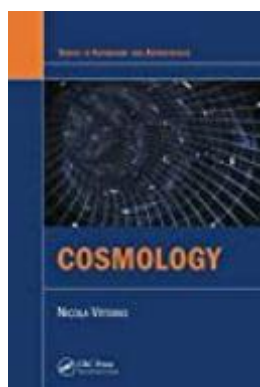
ISBN: 9783030384555

Subjects Terms: Mechanics Optics Photonics Thermodynamics Electrodynamics Lasers

53 KAR-C

175920; CL

[Click here for more details](#)



Cosmology by Nicola Vittorio - Boca Raton CRC Press 2020 - xxvi, 427p. - Series in astronomy and astrophysics

Includes bibliography and index (p. 407-427)

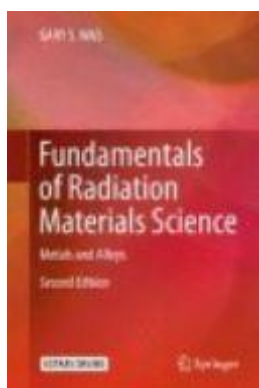
ISBN: 9780367572693

Subjects Terms: Friedmann equations Cosmological constant Conservation laws Hot big bang model Precision cosmology Vectors and tensors

524.8 VIT-C

176144; CL

[Click here for more details](#)



Fundamentals of radiation materials science metals and alloys by Gary S. Was - 2nd ed. - New York Springer 2017 - xxvii, 1002 p. - Includes bibliography and index (p. 987-1002)

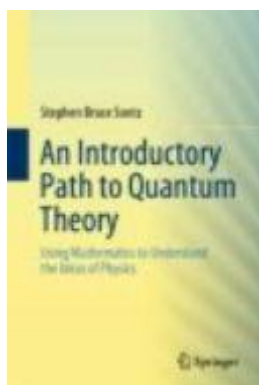
ISBN: 9781493934362

Subjects Terms: Alloys - Effect of radiation Metals - Effect of radiation Nuclear engineering Nuclear physics Radiation - Enhanced diffusion Molecule dynamics methods Thin films

620.172.251.2 WAS-F

176538; CL

[Click here for more details](#)



Introductory path to quantum theory using mathematics to understand the ideas of physics by Stephen Bruce Sontz - Cham Springer 2020 - xxv, 286p. -

Includes bibliography and index (p.270-286)

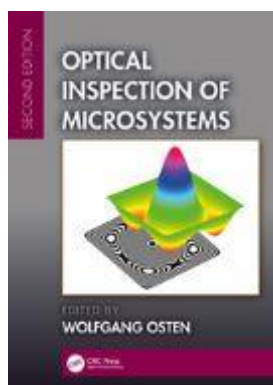
ISBN: 9783030407667

Subjects Terms: Heisenberg picture Angular momentum Hilbert space Harmonic oscillator Schrödinger's equation

530.145 SON-I

176145; CL

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Optical inspection of microsystems edited by Wolfgang Osten - 2nd ed. - Boca Raton CRC Press 2020 - xiv, 570 p. -

Includes bibliography and index (p. 563-570)

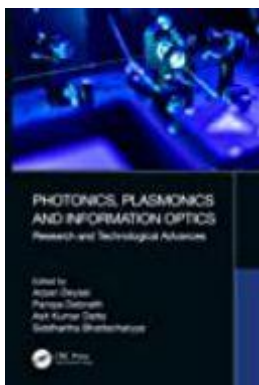
ISBN: 9781498779470

Subjects Terms: Microelectromechanical systems Quality control Optical measurements Industrial microscopy Image processing

621.382:535.3 -OPT

176565; CL

[Click here for more details](#)



Photonics, plasmonics and information optics research and technological advances edited by Arpan Deyasi... (et al.) - Boca Raton CRC Press 2021 - xx, 363 p. -

Includes bibliography and index (p. 363-363)

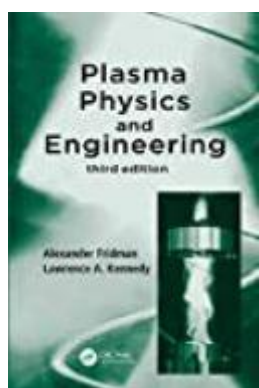
ISBN: 9780367497347

Subjects Terms: Plasmonics Fiber optics Photonic applications Photonic crystal Fibre communication

535.14:621.391 -PHO

176093; CL

[Click here for more details](#)



Plasma physics and engineering by Alexander Fridman and Lawrence A. Kennedy - 3rd ed. - Boca Raton CRC Press 2021 - xiii, 710 p. -

Includes bibliography and index (p. 685-710)

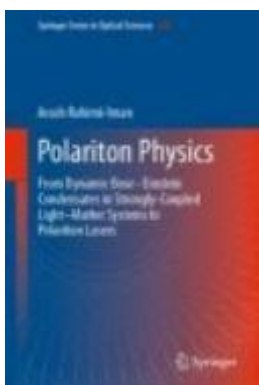
ISBN: 9781498772211

Subjects Terms: Plasma engineering Plasma statistics Electrostatics Electrodynamics Glow discharge Fluid mechanics of plasma Arc discharges Electron beam plasmas

533.9 FRI-P

176094; CL

[Click here for more details](#)



Polariton physics from dynamic Bose-Einstein condensates in strongly-coupled light-matter systems to polariton lasers by Arash Rahimi-Iman - Cham Springer 2020 - xx, 275 p. - Springer series in optical sciences

Includes bibliography and index (p. 269-275)

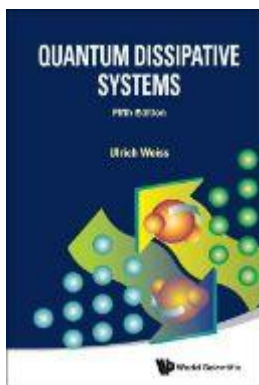
ISBN: 9783030393311

Subjects Terms: Bose-Einstein condensation Lasers Optics Quantum optics Photonics Superconductivity

535 RAH-P

176484; CL

[Click here for more details](#)



Quantum dissipative systems by Ulrich Weiss - 5th ed. - New Jersey World scientific 2022 - xxii, 584p. -

Includes bibliography and index (p.557-584)

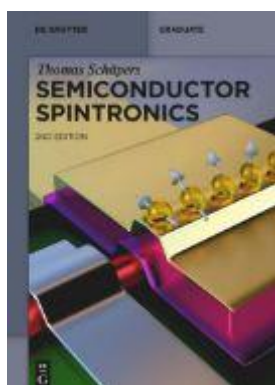
ISBN: 9789811241499

Subjects Terms: Quantum systems Linear quantum Quantum statistical Thermodynamics Brownian particle

530.145 WEI-Q

176101; CL

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Semiconductor spintronics by Thomas Schapers - 2nd ed. - Berlin De Gruyter 2021 - xvi, 411p. - Graduate

Includes bibliography and index (p.395-411)

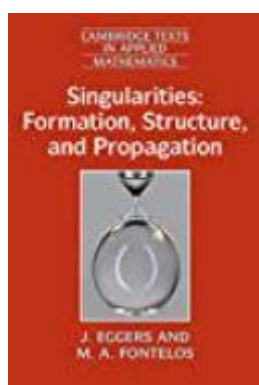
ISBN: 9783110638875

Subjects Terms: Magnetism Semiconductor structures Spin interference Translator Magnetic electrodes

537.6/.8 SCH-S

176207; CL

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Singularities formation, structure, and propagation by J. Eggers and M. A. Fontelos - Cambridge Cambridge University Press 2015 - xvi, 453p. - Cambridge texts in applied mathematics

Includes bibliography and index (p. 446-453)

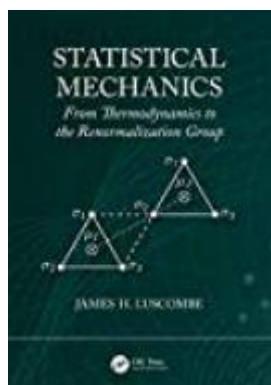
ISBN: 9781107485495

Subjects Terms: Slow convergence Local singular expansions Vortices Continuum equations Algebraic geometry

512.761 EGG-S

176158; PH

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Statistical mechanics from thermodynamics to the renormalization group by James H. Luscombe - Boca Raton CRC press 2021 - xiii, 385p. -

Includes bibliography and index (369-385p)

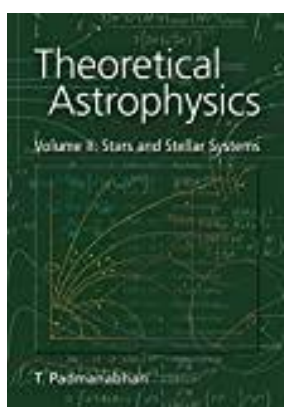
ISBN: 9781138542976

Subjects Terms: Thermodynamics Probability Ensemble theory Phase transitions Scaling theories Birkhoff's theorem Ornstein-Zernike theory

531.19 LUS-S

176418; CL

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Theoretical astrophysics volume II: stars and stellar systems by T. Padmanabhan - New Delhi Cambridge University Press 2010 - xvii, 575 p. -

Vol. II: Stars and stellar systems Includes bibliography and index (p. 571-575)

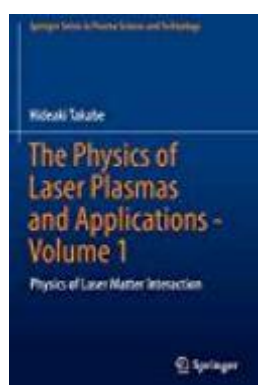
ISBN: 9781107400603

Subjects Terms: Stellar structure Stellar evolution Supernova White dwarfs Pulsars Binary stars Solar system Interstellar medium Globular clusters

52 PAD-T

176084; CL

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Physics of laser plasmas and applications physics of laser matter interaction by Hideaki Takabe - Cham Springer 2020 - xix, 384p. - Springer series in plasma science and technology

Vol.1 Includes bibliography

ISBN: 9783030496159

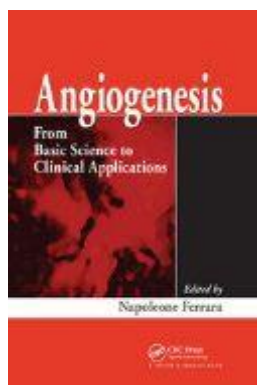
Subjects Terms: Relativistic lasers Stochasticity Collisionless absorption Oscillator Lorentz transformation

537.533 TAK-P

175947; CL

[Click here for more details](#)

School of Biological Sciences



Angiogenesis from basic science to clinical applications edited by Napoleone Ferrara - Boca Raton CRC Press 2019 - 280 p. -

Includes bibliography and index (p. 269-280)

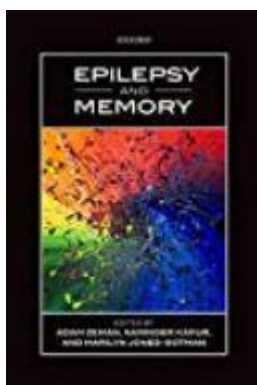
ISBN: 9780367390471

Subjects Terms: Natural history Blood vessels Physiology Hematopoietic cells Pathophysiology Neuropilins

612.1 -ANG

176308; CL

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Epilepsy and memory edited by Adam Zeman, Narinder Kapur and Marilyn Jones-Gotman - Oxford Oxford university press 2012 - xi, 464p. -

Includes bibliography and index (p.441-464)

ISBN: 9780199580286

Subjects Terms: Management Psychiatric disorders Intracranial stimulation Assessment Epilepsy

616.853 -EPI

176531; SBS

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Merck manual of diagnosis and therapy by Robert S. Porter... (et al.) - 20th ed. - Kenilworth Merck Sharp and Dohme 2018 - xxviii, 3530 p. -

Includes bibliography and index (p. 3293-3530)

ISBN: 9780911910421

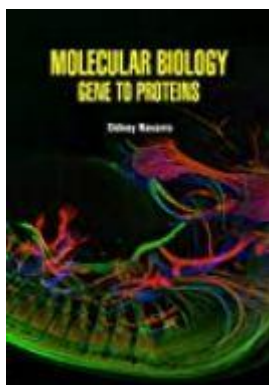
Subjects Terms: Nutritional disorders Biliary disorders Cardiovascular disorders Dental disorders Pediatrics Geriatrics

RL-HB 616-071:616-085(021) -MER

176555; REF

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Molecular biology gene to proteins by Sidney Navarro - Waltham Abbey Essex Ed-Tech Press 2019 - viii, 290 p. -

Includes bibliography and index (p. 281-290)

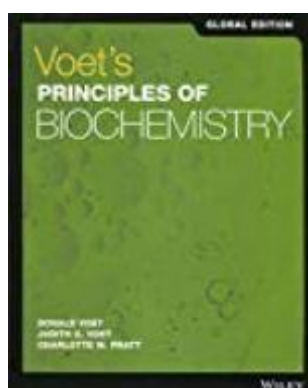
ISBN: 9781788822305

Subjects Terms: Protein structure Protein function Genetic analysis DNA replication Genetic recombination Protein synthesis

577.2 NAV-M

176066; CL

[Click here for more details](#)



Voet's principles of biochemistry by Donald Voet, Judith G. Voet and Charlotte W. Pratt - 5th ed. - New Jersey Wiley 2016 - xvi, 1098p. -

Includes bibliography and index (p.I-1-I-36)

ISBN: 9781119451662

Subjects Terms: Biomolecules Enzymes Metabolism Photosynthesis Fermentation

577.1 VOE-P

176556; CL

[Click here for more details](#)

Sensors Instrumentation & Cyber-physical System Engineering



Nanocharacterization techniques edited by Alessandra L. Da Rz... (et al.) - Oxford Elsevier 2017 - xi, 209 p. - Micro and nano technologies series

Includes bibliography and index (p. 201-209)

ISBN: 9780323497787

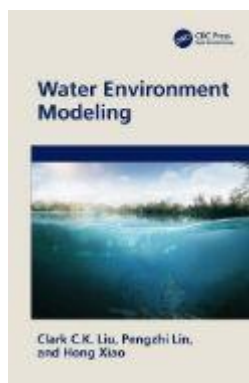
Subjects Terms: Nanostructured materials Nanotechnology-Research Nanostructures - Analysis Electron microscopy Surface plasmon resonance

620.3 -NAN

176232; SENSE

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School of Interdisciplinary Research



Water environment modeling by Clark C.K. Liu, Pengzhi Lin and Hong Xiao - Boca Raton CRC Press 2022 - xvii, 316p. -

Includes bibliography and index (p.309-316)

ISBN: 9780367442439

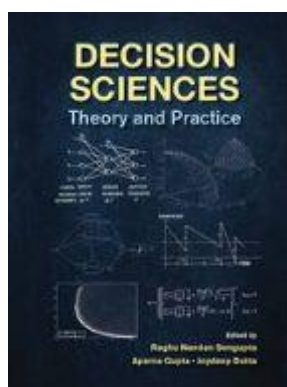
Subjects Terms: Water quality Hydraulics Hydrology Geographic information Linear systems

628.1 LIU-W

176401; CL

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School of Information Technology



Decision sciences theory and practice edited by Raghu Nandan Sengupta, Aparna Gupta and Joydeep Dutta - Boca Raton Routledge 2017 - xvi, 1025 p. -

Includes bibliography and index (p. 999-1025)

ISBN: 9781466564305

Subjects Terms: Convex functions Dynamic games Mathematical-programming techniques Queueing theory Inventory theory Statistical methods Metaheuristic techniques Neural networks

519.2 -DEC

175918; CL

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School of Public Policy



Advanced introduction to governance by Jon Pierre and B. Guy Peters - Glos Edward Elgar Publishing 2021 - viii, 157p. - Elgar advanced introduction

Includes Bibliography and Index(135-157p.)

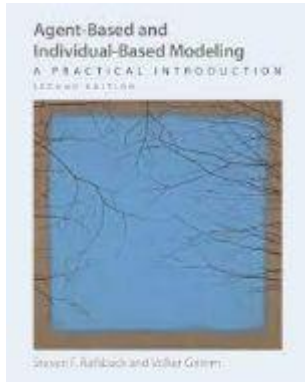
ISBN: 9781784712143

Subjects Terms: Etatiste governance Interactive governance Multilevel governance Informal governance Metagovernance Hybrid governance

32 PIE-A

176266-176267; CL; SPP

[Click here for more details](#)



Agent-based and individual-based modeling a practical introduction by Steven F. Railsback and Volker Grimm - 2nd ed. - Princeton Princeton University Press 2019 - xviii, 340p. -

Includes bibliography and index (p. 325-340)

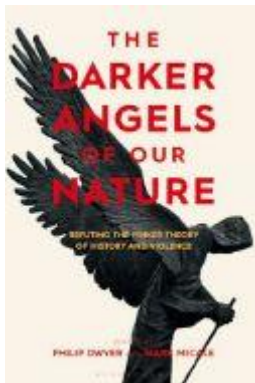
ISBN: 9780691190839

Subjects Terms: Modeling cycle Virtual corridors Animation ODD protocol NetLogo Stochasticity Sensing

681.3 RAI-A

176018; CL

[Click here for more details](#)



Darker angels of our nature refuting the pinker theory of history and violence edited by Philip Dwyer and Mark Micale - London Bloomsbury Publishing 2022 - xv, 393p. -

Includes bibliography and index (p. 337-393)

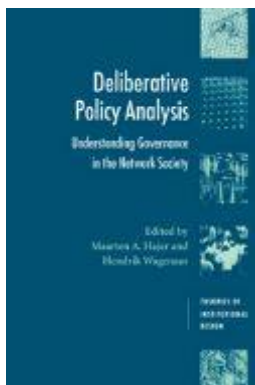
ISBN: 9781350140592

Subjects Terms: Interpretations Inner demons Pinker Violence Historiography Psychology

316.485.22 -DAR

176090; CL

[Click here for more details](#)



Deliberative policy analysis understanding governance in the network society edited by Maarten Hajer and Hendrik Wagenaar - Cambridge Cambridge University Press 2003 - xv, 307p. - Theories of institutional design

Includes Bibliography and Index(266-307p.)

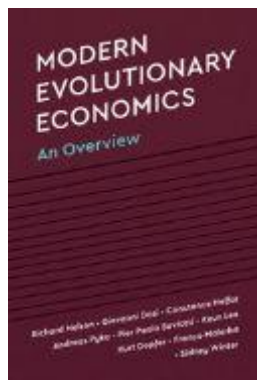
ISBN: 9780521530705

Subjects Terms: Policy sciences Policy networks Institution building Collaborative policy making Policy discourse Empiricism

364.2/.4 -DEL

176295-176296; CL; SPP

[Click here for more details](#)



Modern evolutionary economics an overview by Richard Nelson...[et. al] - New York Cambridge University Press 2018 - xi, 272p. -

Includes Bibliography and Index(231-272p.)

ISBN: 9781108446198

Subjects Terms: Industrial dynamics Economic development
Evolutionary process Policy formulation Economic history

330.1 -MOD

176495-176496; CL; SPP

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Politics of knowledge in inclusive development and innovation edited by David Ludwig... (et al.) - Abingdon Routledge 2022 - xxi, 291 p. - Pathways to sustainability 2

Includes bibliography and index (p. 283-291)

ISBN: 9780367632250

Subjects Terms: Knowledge management Technological innovations
Sustainability Economic development Governing knowledge
Digitalisation

330.34:005.591.6 -POL

176287; CL

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Quantitative social science an introduction in stata by Kosuke Imai and Lori D. Boucher - New Jersey Princeton University Press 2021 - xx, 440p. -

Includes bibliography and index (p.433-441)

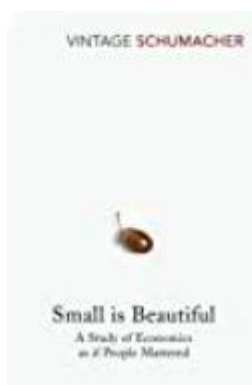
ISBN: 9780691191096

Subjects Terms: Causality Measurement Prediction Probability
Uncertainty Discovery

330.023 IMA-Q

176134-176135; CL;SPP

[Click here for more details](#)



Small is beautiful a study of economics as if people mattered by E. F. Schumacher - London Vintage 2011 - xi, 259 p. -

ISBN: 9780099225614

Subjects Terms: Buddhist economics Education Use of land
Economic problems Unemployment Socialism Ownership

33 SCH-S

176499-176500; CL-SPP

[Click here for more details](#)



Space, planning and everyday contestations in Delhi edited by Surajit Chakravarty and Rohit Negi - Springer [S.l.] 2016 - xii, 233 p. - Exploring urban change in South Asia

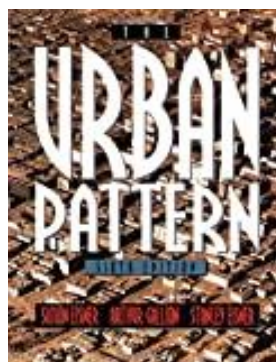
ISBN: 9788132221531

Subjects Terms: Urbanization City planning Urban frontier
Informalization Investment

711.4(540.23) -SPA

176444-176445; CL; SPP

[Click here for more details](#)



Urban pattern by Simon Eisner, Arthur Gallion and Stanley Eisner - 6th ed. - New York John Wiley & sons 1993 - xi, 641p. -

Includes bibliography and index (p.631-641)

ISBN: 9780471284284

Subjects Terms: Urbanism born Modern trends Metamorphosis
Envirodynamics Ecosphere

711.4 EIS-U

176337-176338; CL;SPP

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Textile & Fibre Engineering



Advances in functional and protective textiles edited by Shahid-Ul-Islam and Bhupendra Singh Butola - Duxford Elsevier 2020 - xvi, 660p. - The textile institute book series

Includes bibliography and index (p.631-660)

ISBN: 9780128202579

Subjects Terms: Aroma textiles Medical textiles Polycarboxylic acids Cold plasma CBRN textiles

677.02 -ADV

175880; CL

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Antimicrobial textiles from natural resources edited by Md. Ibrahim H. Mondal - Duxford Woodhead Publishing 2021 - xxvi, 674 p. - Textile institute books series

Includes bibliography and index (p. 653-674)

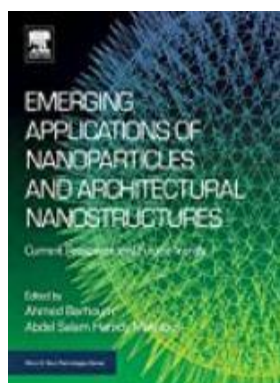
ISBN: 9780128214855

Subjects Terms: Textile fabrics Microorganisms Epidemiology Medical textiles Anti infective agents

677.021.15 -ANT

176321; CL

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Emerging applications of nanoparticles and architectural nanostructures current prospects and future trends edited by Ahmed Barhoum and Abdel Salam Hamdy Makhlouf - Amsterdam Elsevier 2018 - xviii, 628p. -

Includes bibliography and index (p. 621-628)

ISBN: 9780323512541

Subjects Terms: Architectural models Nanostructured oxides Lithography Nano coatings Biomedical implants Physiochemical Nanofabrication

620.3 -EME

175884; CL

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Failure of fibre-reinforced polymer composites edited by Mohamed Thariq Hameed Sultan, M Rajesh, and K Jayakrishna - Boca Raton CRC Press 2022 - xvii, 170p. -

Includes Bibliography and Index(165-170p.)

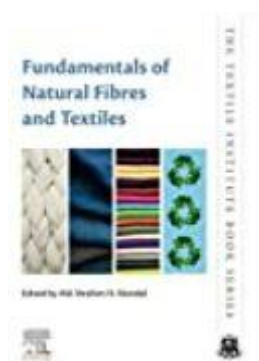
ISBN: 9780367653156

Subjects Terms: Weight-sensitive applications Maize fibre Fiber-matrix interface FRP composites Parallel and series model HIRSCH'S model Graphene High velocity effect

678.86 -FAI

176303; CL

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Fundamentals of natural fibres and textiles edited by Md. Ibrahim H. Mondal - Duxford Woodhead Publishing 2021. - xx, 789 p. - Textile institute book series

Includes bibliography and index (p. 765-789)

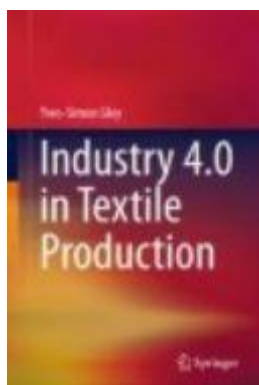
ISBN: 9780128214831

Subjects Terms: Textile fibers Natural fibers Animal fibers Silk fibres Fiber composites Waste management

677.1/.5 -FUN

176322; CL

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Industry 4.0 in textile production by Yves-Simon Gloy - Cham Springer 2021 - xvi, 320p. -

Includes bibliography and index (p.317-320)

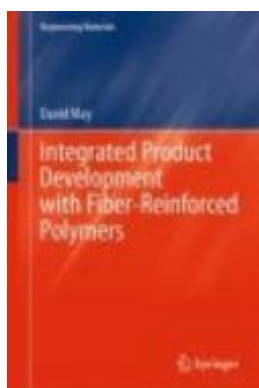
ISBN: 9783030625924

Subjects Terms: Textile sector Signal processing Chain processes Optimisation Barometer

677 GLO-I

176304; CL

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Integrated product development with fiber-reinforced polymers by David May - Cham Springer 2021 - xxii, 248 p. - Engineering materials

Includes bibliography and index (p. 243-248)

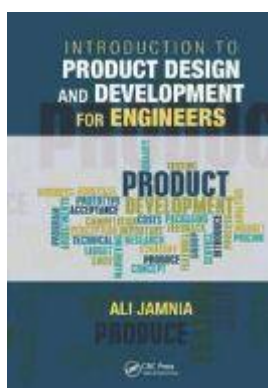
ISBN: 97830303734060

Subjects Terms: Fiber-reinforced plastics Polymeric composites
Materials science Chemical engineering Design concept

624.012.4 MAY-I

176314; TT

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Introduction to product design and development for engineers by Ali Jamnia - Boca Raton CRC Press 2018 - xxi, 423 p. -

Includes bibliography and index (p. 415-423)

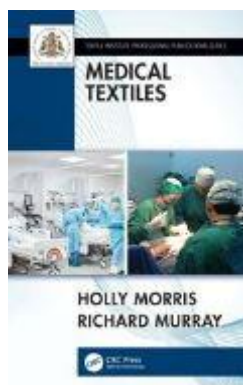
ISBN: 9781138554214

Subjects Terms: Product design Machine design Project management Technical reviews Product life cycle Engineering skills

658.5:62 JAM-I

176537; TT

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Medical textiles by Holly Morris and Richard Murray - Boca Raton CRC Press 2022 - xxii, 375p. - Textile institute professional publications series

Includes bibliography and index (p.357-375)

ISBN: 9780367772734

Subjects Terms: Artificial organ Fibre Polymer structures Tubular braids Keratoprosthesis

677.07:61 MOR-M

176305; CL

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Plastics microstructure and engineering applications by Nigel Mills, Mike Jenkins and Stephen Kukureka - 4th ed. - Oxford Elsevier 2020 - xi, 324p. -

Includes bibliography and index (p.315-324)

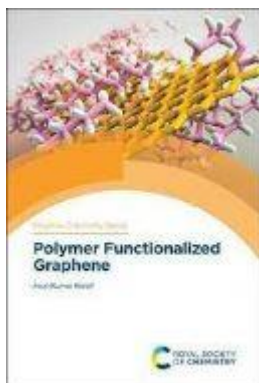
ISBN: 9780081024997

Subjects Terms: Viscoelastic Amorphous polymers Yielding Creep design Transport properties

678 MIL-P

175951; CL

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Polymer functionalized graphene by Arun Kumar Nandi - Croydon Royal Society of Chemistry 2021 - xxi, 433 p. - Polymer chemistry series

Includes bibliography and index (p. 426-433)

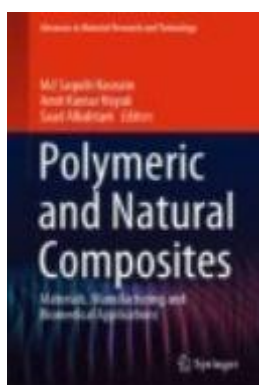
ISBN: 9781788018791

Subjects Terms: Graphene synthesis Polymers Noncovalent polymer Polymerization Optical sensor

546.26:678.7 NAN-P

176545; CL

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Polymeric and natural composites materials, manufacturing and biomedical applications edited by Md Saquib Hasnain, Amit Kumar Nayak, Saad Alkahtani - Cham Springer 2022 - xii, 463 p. - Advances in material research technology

Includes Bibliography and Index (p. 450-463)

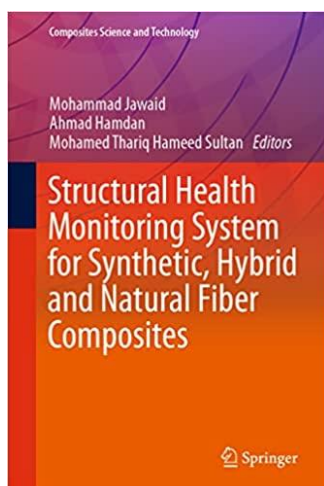
ISBN: 9783030702656

Subjects Terms: Polymers in medicine Biomedical engineering Biopolymers Building materials Composite materials Orthopedic applications Cellulose Biopolymeric-Inorganic composites

678.06:615.4 -POL

176385; CL

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Structural health monitoring system for synthetic, hybrid and natural fiber composites edited by Mohammad Jawaid, Ahmad Hamdan and Mohamed Thariq Hameed Sultan - Singapore Springer 2021 - x, 229 p. - Composites science and technology

ISBN: 9789811588426

Subjects Terms: Damage detection Damage localisation Life prediction Aerospace biocomposites Composite materials Structural analysis Hybrid composite Wind turbine biocomposites

677.1/.5:624.04 -STR

176386; CL

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Sustainable textile and fashion value chains drivers, concepts, theories and solutions edited by Andre Matthes... (et al.) - Cham Springer 2021 - xxix, 453 p. -

Includes bibliography and index (p. 452-453)

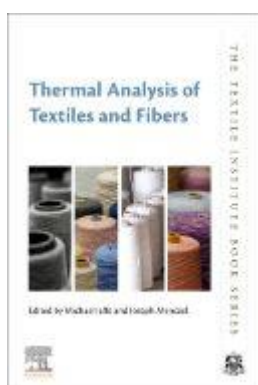
ISBN: 9783030220204

Subjects Terms: Textile engineering Fibers and fabrics Textile value chain Sustainable development Sustainable chemistry Fashion industry

677 -SUS

176306; CL

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Thermal analysis of textiles and fibers edited by Michael Jaffe, Joseph D. Menczel - Duxford Woodhead Publishing 2020 - xiv, 401 p. - Textile institute book series

Includes bibliography and index (p. 393-401)

ISBN: 9780081005729

Subjects Terms: Textile chemistry Thermal analysis Fiber process Thermogravimetric analysis Polyester fibers

677.014.5 -THE

176326; TT

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