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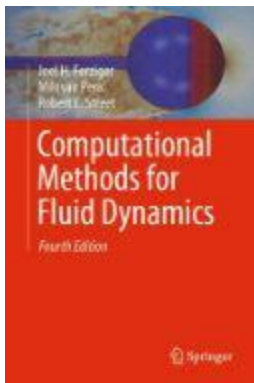


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Computational methods for fluid dynamics / by Joel H. Ferziger, Milovan Peric and Robert L. Street. - 4th ed.. - Cham: Springer, 2020. xviii, 596p.

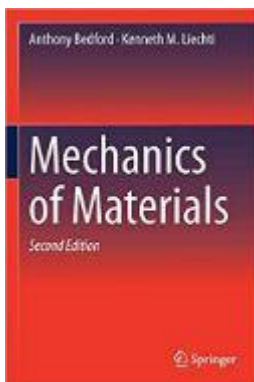
ISBN : 9783319996912. : Rs.5658.03.

\*\*1. Computational fluid mechanics 2. Fluid mechanics 3. Civil engineering 4. Mathematics.I. Peric, Milovan II. Street, Robert L. III. Title

532.5:681.3 FER-C

175742;AM

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Mechanics of materials / by Anthony Bedford and Kenneth M. Liechti. - 2nd ed.. - Cham: Springer, 2020. xx, 1019p.

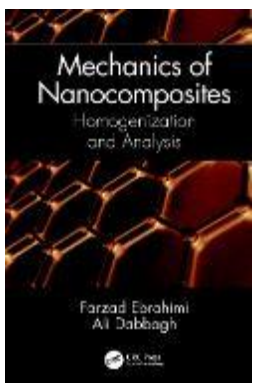
ISBN : 9783030220846. : Rs.6080.73.

\*\*1. Fluid mechanics 2. Material science 3. Structural analysis(engineering) 4. Economics of energy.I. Liechti, Kenneth M. II. Title

620.1 BED-M

175694

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Mechanics of nanocomposites: homogenization and analysis / by Farzad Ebrahimi and Ali Dabbagh. - Boca Raton: CRC press, 2020. xv, 252p.

ISBN : 9780367254339. : Rs. 12175.20.

\*\*1. Nanoparticles 2. Carbon nanotubes 3. Nanocomposite materials.I. Dabbagh, Ali II. Title

620.3 EBR-M

175678

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## Centre for Applied Research in Electronics

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Microwave and RF semiconductor control device modeling / by Robert H. Caverly. - Norwood: Artech house, 2016. xiii, 266p.

ISBN : 9781630810214. : Rs. 10551.84.

\*\*1. Microwave devices - Computer simulation 2. Semiconductors - Computer simulation 3. Automatic control 4. Control circuits 5. Modeling PIN diodes.I. Title

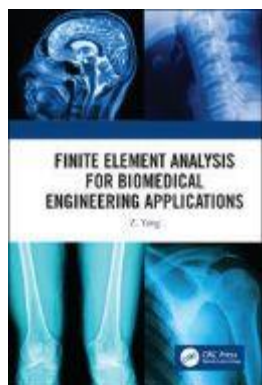
621.382 CAV-M

175559

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## Centre for Biomedical Engineering

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Finite element analysis for biomedical engineering applications / by Z. Yang. - Boca Raton: CRC Press, 2019. xv, 302p.

ISBN : 9780367182182. : Rs.11626.50; Rs.11704.70.

\*\*1. Biomedical engineering 2. Molecular biology 3. Anisotropic materials 4. Maxwell model.I. Title

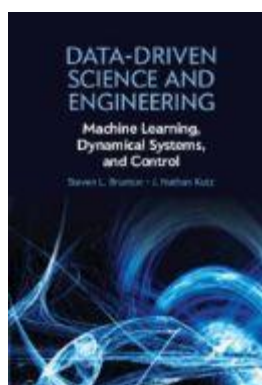
577.3:62 YAN-F

175780, 175793;CBME

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## Civil Engineering

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Data-driven science and engineering: machine learning, dynamical systems, and control / by Steven L. Brunton and J. Nathan Kutz. - Cambridge: Cambridge University Press, 2019. xxii, 472p.

ISBN : 9781108422093. : Rs 5112.98.

\*\*1. Mathematical analysis 2. Science - Data processing 3. Engineering - Data processing 4. Singular value decomposition 5. Data analysis.I. Kutz, J. Nathan II. Title

62:681.3 BRU-D

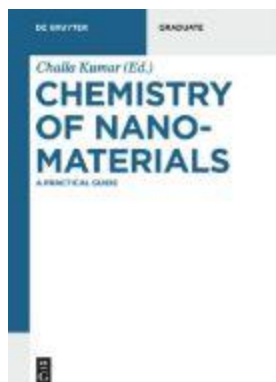
175701

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## Chemical Engineering

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Chemistry of nanomaterials / edited by S.S.R Kumar Challa. - Berlin: De Gruyter, 2019. x, 346p.

Vol 2: Metallic nanomaterials(Part B).

ISBN : 9783110636604. : Rs.6696.68.

\*\*1. Nanoparticles 2. Nanocrystals 3. Nanotechnology 4. Nanomaterials.I. Challa, S.S.R Kumar, Ed. II. Title

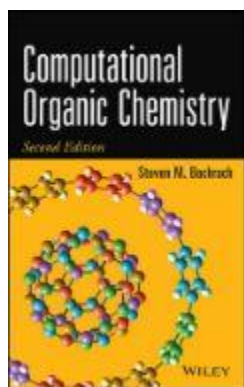
620.3:54 -CHE

175679

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## Chemistry

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Computational organic chemistry / by Steven M. Bachrach. - 2nd ed. - New Jersey: Wiley, 2014. xxi, 607p.

ISBN : 9781118291924. : Rs.9755.07.

\*\*1. Organic reaction dynamics 2. Electron correlation 3. Density functional 4. Diradicals and Carbenes.I. Title

547:519.28 BAC-C

175628;CHY

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Multidimensional time - resolved spectroscopy / edited by Tiago Buckup and Jeremie Leonard. - Cham: Springer, 2019. ix, 320p.(Topics current chemistry collections).

ISBN : 9783030024772. : Rs. 21580.83.

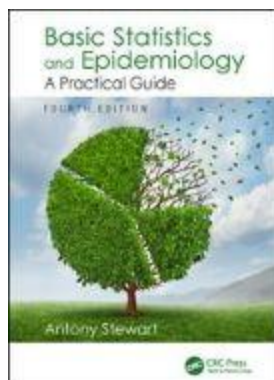
\*\*1. Spectrum analysis 2. Physical organic chemistry 3. Microscopy 4. Electronic couplings.I. Buckup, Tiago, Ed. II. Leonard, Jeremie, Ed. III. Title IV. Series

543.42 -MUL

175705

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Basic statistics and epidemiology: a practical guide / by Antony Stewart. - 4th ed. - Boca Raton: CRC Press, 2021. viii, 218p.

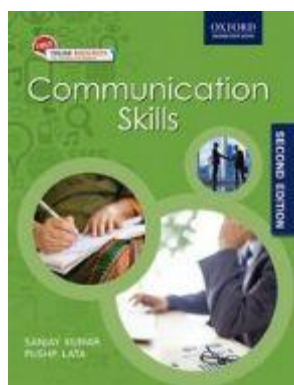
ISBN : 9781032134192. : Rs.1395.00.

\*\*1. Medical statistics 2. Epideomology 3. Mathematical statistics 4. Standard deviation.I. Title

616-036.22:519.2 STE-B

175653

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Communication skills / by Sanjay Kumar and Pushp Lata. - 2nd ed.. - New Delhi: Oxford University Press, 2015. xxi, 600p.

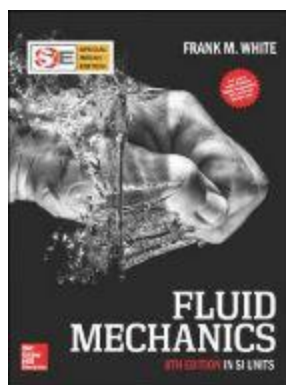
ISBN : 9780199457069. : Rs.660.00.

\*\* 1. Interpersonal communication 2. English language- grammer 3. Speaking skills 4. Writing skills.I. Pushp Lata II. Title

005.57 KUM-C

175655

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Fluid mechanics: SI units / by Frank M. White. - 8th ed.. - Chennai: McGraw Hill Education, 2017. xv, 773p.

ISBN : 9789385965494. : Rs.930.00.

\*\*1. Computational fluid dynamics 2. Compressible flow 3. Open-channel flow 4. Turbomachinery.I. Title

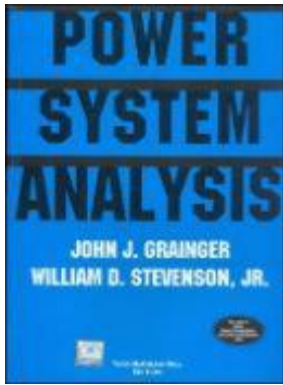
532.5 WHI-F

175632-175635, 175636-175639;TB

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Power system analysis / by John J. Grainger and William D. Stevenson. - Chennai: McGraw Hill Education, 2003. xix, 787p.

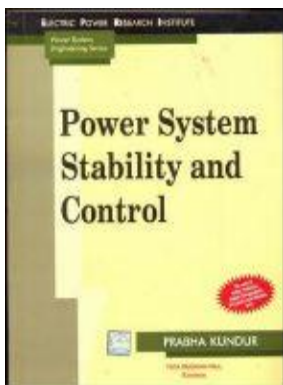
ISBN : 9780070585157. : Rs.805.00(each copy).

\*\* 1. Electric power distribution 2. Electric power system 3. Power system analysis 4. Transformers.I. Stevenson, William D. II. Title

621.316 GRA-P

175640-175644, 175645-175648;TB

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Power system stability and control / by P. Kundur; edited by Neal J. Balu and Mark G. Lauby. - New Delhi: McGraw Hill Education, 2016. xxiii, 1176p.(EPRI power system engineering series).

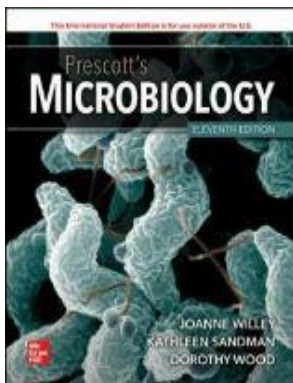
ISBN : 9780070635159. : Rs.899.00.

\*\*1. Synchronous machine theory 2. AC transmission 3. System stability 4. Subsynchronous oscillations.I. Balu, Neal J., Ed. II. Lauby, Mark G., Ed. III. Title IV. Series

621.315 KUN-P

175649-175651, 175652;TB

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Prescott's microbiology / by Joanne M. Willey, Kathleen M. Sandman and Dorothy H. Wood. - 11th ed.. - New York: McGraw-Hill Education, 2020. v.p.

ISBN : 9781260570021. : Rs.4761.47.

\*\* 1. Microbial nutrition 2. Microbial metabolism 3. Pathogenicity 4. Applied microbiology.I. Sandman, Kathleen M. II. Wood, Dorothy H. III. Title

579 WIL-P

175696, 175697-175698;TB

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Research in library and information science / edited by S. Dhanavandan, J. Varadharajalu, and R. Govindarajan. - Delhi: Studera Press, 2017. xiv, 388p.

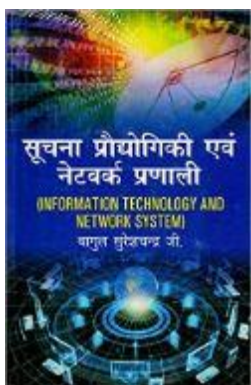
ISBN : 9789385883248. : Rs. 1995.00.

\*\* 1. Library science - Research 2. Information science - Research 3. LIS research 4. Research ethics 5. LIS education. I. Dhanavandan, S., Ed. II. Varadharajalu, J., Ed. III. Govindarajan, R., Ed. IV. Title

02:303 -RES

175706

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Suchna pradhhyogiki avam network pranali / by Bagul Sureshchandra. - New Delhi: Rawat Prakashan, 2014. 224 p.

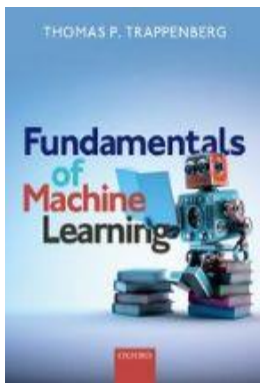
ISBN : 9789383447374. : Rs. 800.00.

\*\*1. Information technology - Library science 2. Library system - Information technology 3. Network system - Library science 4. Library science - Advance Technology. I. Title

02:681.3 CHA-I

175656

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Fundamentals of machine learning / by Thomas P. Trappenberg. - New York: Oxford University Press, 2020. xi, 247p.

ISBN : 9780198828044. : Rs.3052.38.

\*\*1. Artificial intelligence 2. Neural networks 3. Probabilistic regression 4. Generative models. I. Title

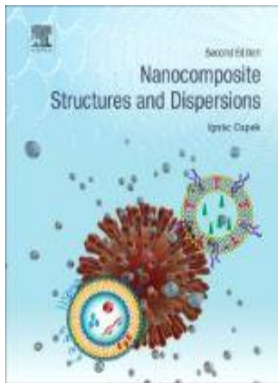
681.3 TRA-F

175658

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Nanocomposite structures and dispersions / by Ignac Capek. - 2nd ed.. - Amsterdam: Elsevier, 2019. x, 447p.

ISBN : 9780444637482. : Rs.17677.80.

\*\*1. Nanocomposites (Materials) 2. Metal clusters 3. Nanostructures 4. Polymer colloids.I. Title

66.095.26:620.3 CAP-N

175720

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Plasma catalysis: fundamentals and applications / edited by Xin Tu, J. Christopher Whitehead and Tomohiro Nozaki. - Cham: Springer, 2019. ix, 348p.(Springer series on atomic, optical, and plasma physics, 106).

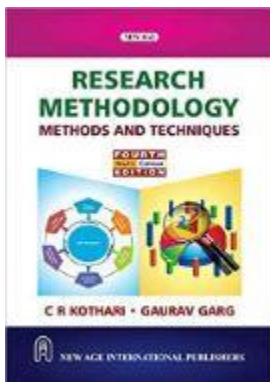
ISBN : 9783030051884. : Rs.12948.63.

\*\*1. Plasma (Ionized gases) 2. Environmental engineering 3. Biotechnology 4. Plasma chemistry.I. Whitehead, J. Christopher, Ed. II. Nozaki, Tomohiro, Ed. III. Title IV. Series

544.55:544.47 -PLA

175710

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Research methodology: methods and techniques / by C R Kothari and Gaurav Garg. - 4th ed. - New Delhi: New age international, 2019. xxi, 458p.

ISBN : 9789386649225. : Rs.399.00.

\*\*1. Research methodology 2. Measurement and scaling 3. Research design 4. Testing of hypothesis.I. Garg, Gaurav II. Title

001.891 KOT-R

175659

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Synergistic design of sustainable built environments / by Chitrarekha Kabre. - Boca Raton: CRC Press, 2021. xvii, 402p.

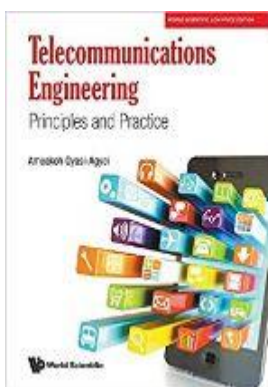
ISBN : 9780367564834. : Rs.10228.00.

\*\*1. Industrial design 2. Sustainable design 3. Thermal environment 4. Solar control design.I. Title

628.4 KAB-S

175721

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Telecommunications engineering: principles and practice / by Amoakoh Gyasi-agyei. - New Jersey: World Scientific, 2020. xxiv, 735p.

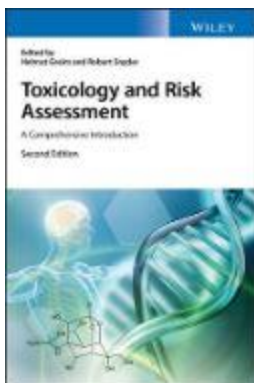
ISBN : 9780000989109. : Rs.2350.00.

\*\*1. Signal transmission 2. Channel coding 3. Network topologies 4. Analog signal.I. Title

621.39 GYA-T

175691

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Toxicology and risk assessment: a comprehensive introduction / edited by Helmut Greim and Robert Snyder. - 2nd ed.. - New Jersey: John Wiley, 2019. xlv, 792p.

ISBN : 9781119135913. : Rs.13291.25.

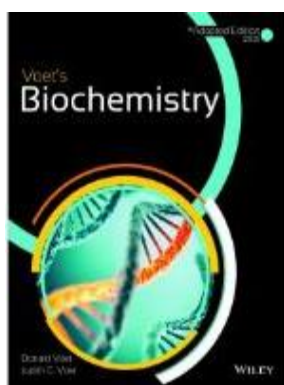
\*\*1. Toxicants 2. Poisons and poisoning 3. Health risk assessment 4. Intoxication.I. Greim, Helmut, Ed. II. Snyder, Robert, Ed. III. Title

615.9 -TOX

175708

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Voet's biochemistry / by Donald Voet and Judith G. Voet. - New Delhi: John Wiley, 2021. xxiv, 1473p.

ISBN : 9789354243820. : Rs. 4595.00.

\*\*1. Molecular biology 2. Biological sciences 3. Biomolecules.I. Voet, Judith G. II. Title

577.1 VOE-V

175711

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## Computer Science and Engineering

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Compact and fast machine learning accelerator for IoT devices / by Hantao Huang and Hao Yu. - Singapore: Springer, 2019. ix, 149p.(Computer architecture and design methodologies).

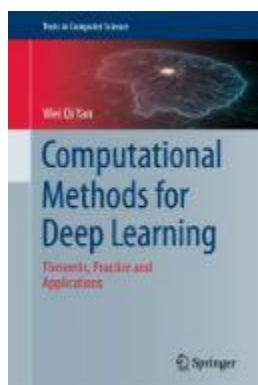
ISBN : 9789811333224. : Rs.10446.33; Rs.10424.73.

\*\*1. Internet of things 2. Mathematical optimization 3. Microprocessors 4. Computational intelligence.I. Yu, Hao II. Title III. Series

681.3 HUA-C

175732, 175745;CSE

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Computational methods for deep learning: theoretic, practice and applications / by Wei Qi Yan. - Cham: Springer, 2021. xvii, 134p.(Text in computer science).

ISBN : 9783030610807. : Rs. 5211.93; Rs. 5222.73.

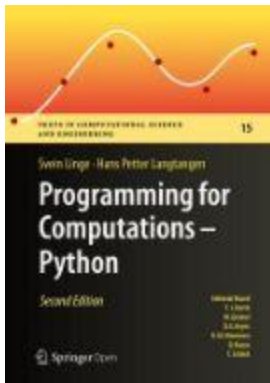
\*\* 1. Machine learning 2. Neural networks 3. Data mining 4. Big data 5. Mathematical models 6. Algorithmic implementation 7. Graphical theory.I. Title II. Series

681.3:51 YAN-C

175735, 175743;CSE

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Programming for computations - python: a gentle introduction to numerical simulations with python 3.6 / by Svein Linge and Hans Petter Langtangen. - 2nd ed.. - Switzerland: Springer, 2020. xxiii, 323p.(Texts in computational science and engineering).

ISBN : 9783030168766. : Rs.4343.13.

\*\*1. Computer science - Mathematics 2. Computer programming 3. Python (Computer program language) 4. Computer software.I. Langtangen, Hans Petter II. Title III. Series

681.3.06P:51 LIN-P

175739

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Deep learning: fundamentals, theory and applications / edited by Kaizhu Huang ... (et al.). - Cham: Springer, 2019. vii, 163p.(Cognitive computation trends, 2).

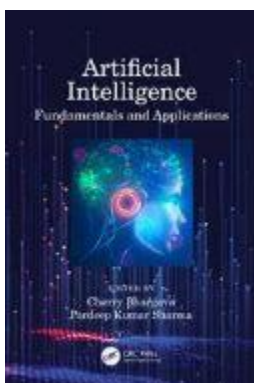
ISBN : 9783030060725. : Rs. 13031.13 ; Rs. 13058.13.

\*\* 1. Artificial intelligence 2. Machine learning 3. Algorithms 4. Computational learning theory.I. Huang, Kaizhu, Ed. II. Title III. Series

681.3 -DEE

175736, 175744;CSE

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Artificial intelligence: fundamentals and applications / edited by Cherry Bhargava and Pardeep Kumar Sharma. - Boca Raton: CRC Press, 2021. xiii, 256p.

ISBN : 9780367559700. : Rs. 11195.8 (Each copy).

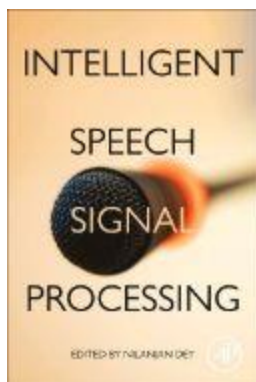
\*\*1. Nanotechnology 2. E-Commerce 3. Robotics and Automation 4. Healthcare - Artificial Intelligence 5. Weather forecasting - Artificial Intelligence 6. Pharmaceutical science - Artificial Intelligence.I. Bhargava, Cherry, Ed. II. Sharma, Pardeep Kumar, Ed. III. Title

681.3 -ART

175730, 175731;CSE

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Intelligent speech signal processing / edited by Nilanjan Dey. - London: Academic Press, 2019. xvi, 193p.

ISBN : 9780128181300. : Rs. 9607.50 (Each copy).

\*\*1. Signals and signaling 2. Speech processing systems 3. Automatic speech recognition 4. Speech processing - Healthcare.I. Dey, Nilanjan, Ed. II. Title

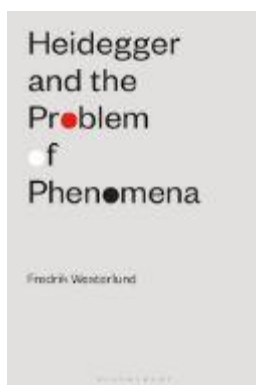
681.3:621.391.81 -INT

175723, 175724;CSE

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## Design

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Heidegger and the problem of phenomena / by Fredrik Westerlund. - London: Bloomsbury, 2021. xiv, 271p.

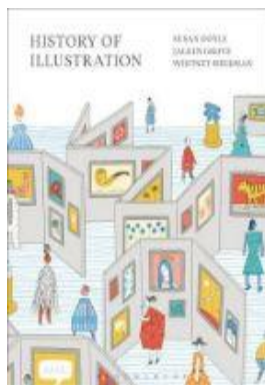
ISBN : 9781350262331. : Rs. 2941.32.

\*\*1. Phenomenology - literature 2. Existential phenomenology 3. Phenomenology - Research 4. Art - Phenomenology 5. Sources of truth.I. Title

165.62 WES-H

175561

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History of illustration / edited by Susan Doyle, Jaleen Grove and Whitney Sherman. - New York: Fairchild Books, 2019. xxxvi, 554p.

ISBN : 9781501342103. : Rs.8080.00.

\*\*1. Art and society 2. Graphics arts 3. Visual communication 4. Magazine illustrations.I. Doyle, Susan, Ed. II. Grove, Jaleen, Ed. III. Sherman, Whitney, Ed. IV. Title

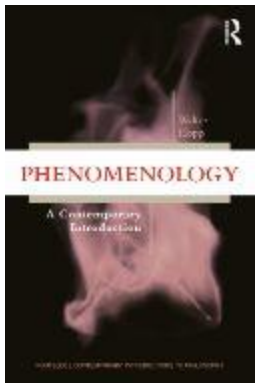
930(0.025.2) -HIS

175660

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Phenomenology: a contemporary introduction / by Walter Hopp. - New York: Routledge, 2020. xxii, 323p.(Routledge contemporary introductions to philosophy). ISBN : 9780367497392. : Rs. 3347.16.

\*\*1. Phenomenology - Literature 2. Art - Phenomenology 3. Existential phenomenology 4. Phenomenology - Research 5. Knowledge.I. Title II. Series

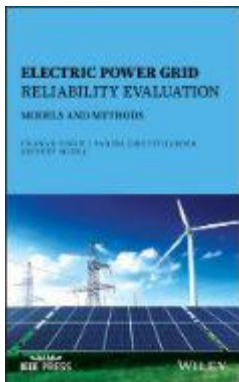
165.62 HOP-P

175564

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## Electrical Engineering

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Electric power grid reliability evaluation: models and methods / by Chanan Singh, Panida Jirutitjaroen and Joydeep Mitra. - New Jersey: John Wiley, 2019. xxi, 327p. ISBN : 9781119486275. : Rs.10372.26.

\*\*1. Power grid 2. Electric power distribution 3. Electric networks 4. Electric power transmission.I. Jirutitjaroen, Panida II. Mitra, Joydeep III. Title

621.311.1 SIN-E

175717

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## Humanities & Social Sciences

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Correspondence 1939 - 1969 / by Theodor W. Adorno and Gershom Scholem; edited by Asaf Angermann. - Cambridge: Polity, 2021. xliii, 420p.

ISBN : 9781509510450. : Rs.3417.75.

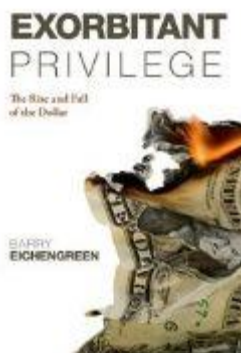
\*\*1. Intellectual life 2. Germany - 20th century 3. Letters 4. Communication 5. Philosophy.I. Scholem, Gershom II. Angermann, Asaf, Ed. III. Title

101:82-6 ADO-C

175772

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Exorbitant privilege: the rise and fall of the dollar and the future of the international monetary system / by Barry Eichengreen. - Oxford: Oxford university press, 2012. 226p.

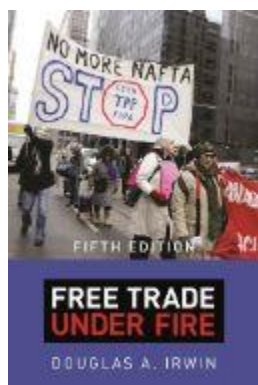
ISBN : 9780199642472. : Rs.1009.99.

\*\*1. Devaluation of currency 2. International finance 3. Economic policy 4. Economic history.I. Title

336.743(73) EIC-E

175661

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Free trade under fire / by Douglas A. Irwin. - 5th ed.. - New Jersey: Princeton University Press, 2020. xi, 349p.

ISBN : 9780691201009. : Rs. 2274.70.

\*\* 1. Free trade - United State 2. Globalization 3. Commercial policy 4. Business and economics - International.I. Title

339.5.012.42(73) IRW-F

175773

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Handbook of econometrics / edited by Steven N. Durlauf ... (et al.). - Amsterdam: Elsevier, 2020. xvi, 576 p.

V. 7A.

ISBN : 9780444636492. : Rs. 13291.25.

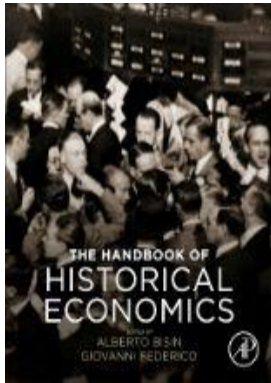
\*\*1. Economics - Handbook, manuals, etc. 2. Network data - Handbook, manuals, etc. 3. Econometrics - Handbook, manuals, etc. 4. Policy analysis - Handbook, manuals, etc. 5. Microeconometrics.I. Durlauf, Steven N., Ed. II. Title

RL-HB 330.43(021) HAN

175774

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Handbook of historical economics / edited by Alberto Bisin and Giovanni Federico. - London: Academic Press, 2021. xxxviii, 963p.

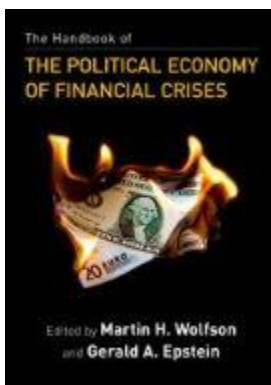
ISBN : 9780128158746. : Rs. 9493.75.

\*\*1. Economic history 2. Economic data 3. Econometric methods.I. Bisin, Alberto, Ed. II. Federico, Giovanni, Ed. III. Title

RL-HB 330:94 -HAN

175769

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Handbook of the political economy of financial crises / edited by Martin H. Wolfson and Gerald A. Epstein. - New York: Oxford University Press, 2015. xii, 770p.

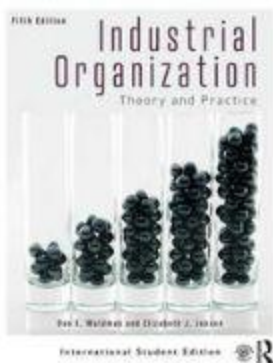
ISBN : 9780190240936. : Rs.5478.84.

\*\*1. Global financial crisis 2. United states- politics and government 3. Economic policy 4. Business cycles.I. Wolfson, Martin H., Ed. II. Epstein, Gerald A., Ed. III. Title

330.101.8 -HAN

175629

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Industrial organization: theory and practice / by Don E. Waldman and Elizabeth J. Jensen. - 5th ed.. - New York: Routledge, 2019. xx, 723p. ISBN : 9781138394278. :

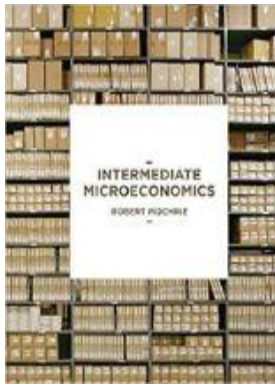
Rs. 5053.98.\*\*1. Economic theory 2. Public Policy 3. Globalisation 4. Industrial Policy.I. Jensen. Elizabeth J. II. Title

658WAL-I

175771

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Intermediate microeconomics / by Robert Mochrie. - New York: Palgrave Macmillan, 2016. xxxvi, 636p.

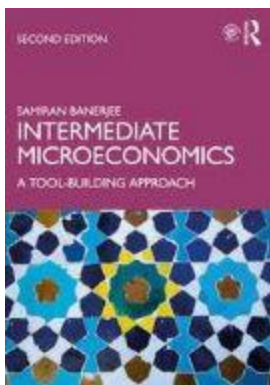
ISBN : 9781137008442. : Rs.5006.27.

\*\*1. Market power 2. Resource allocation 3. Behavioural economics 4. Applying game theory.I. Title

330.101.542 MOC-I

175764

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Intermediate microeconomics: a tool-building approach / by Samiran Banerjee. - 2nd ed.. - London: Routledge, 2021. xv, 374p.

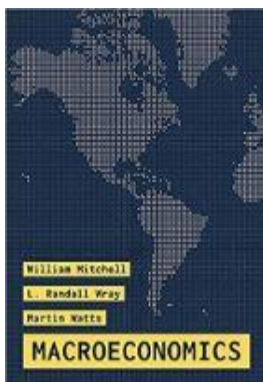
ISBN : 9780367245351. : Rs.5596.88.

\*\* 1. Economics 2. Game theory 3. Oligopoly 4. Monopoly 5. Exchange economics.I. Title

330.101.542 BAN-I

175728

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Macroeconomics / by William Mitchell, L. Randall Wray, and Martin Watts. - London: Macmillan International, 2019. xxix, 573p.

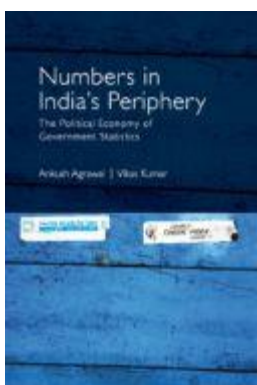
ISBN : 9781137610669. : 5761.68.

\*\*1. Economics 2. Macro economic policy 3. Macro model.I. Wray, L. Randall II. Watts, Martin III. Title

330.101.541 MIT-M

175765

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Numbers in India's periphery: the political economy of government statistics / by Ankush Agrawal and Vikas Kumar. - Cambridge: Cambridge University Press, 2020. xxi, 397p.

ISBN : 9781108486729. : Rs.1195.00.

\*\*1. India - Politics and government 2. Statistics - Nagaland 3. Population - Nagaland.I. Vikas Kumar II. Title

311.313(540.39) AGR-N

175760

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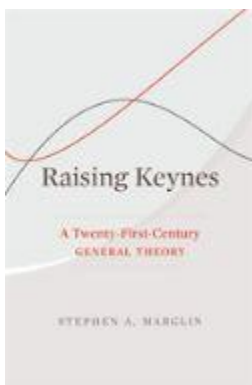
Pandemic economics / by Thomas R. Sadler. - London: Routledge, 2022. xxi, 320p.  
ISBN : 9780367679040. : Rs.4579.08.

\*\*1. COVID-19 (Disease) - Economic aspects 2. Economic history 3. Economic policy 4. Healthcare economics.I. Title

338.1:614.4 SAD-P

175729

[Click here for more details](#)



Raising keynes: a twenty-first-century general theory / by Stephen A. Marglin. - Cambridge: Harvard University Press, 2021. xviii, 896p.  
ISBN : 9780674971028. : Rs. 7215.25.

\*\*1. Keynes, John Maynard 2. Keynesian economics 3. Industries self regulation 4. Economics 5. Theory of employment.I. Title

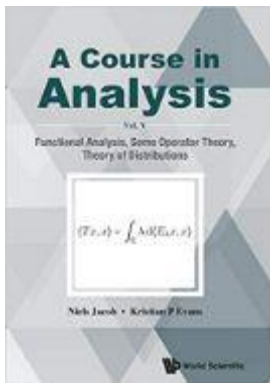
330.834 MAR-R

175761

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## Mathematics

---



Course in analysis / by Niels Jacob and Kristian P. Evans. - Singapore: World Scientific, 2020. xxii, 831p.

Vol. V: Functional Analysis, Some Operator Theory, Theory of Distributions.

ISBN : 9789811216336. : Rs. 7532.28.

\*\*1. Mathematical Analysis 2. Functional Analysis 3. Operators Theory 4. Theory of Distribution.I. Evans, Kristian P. II. Title

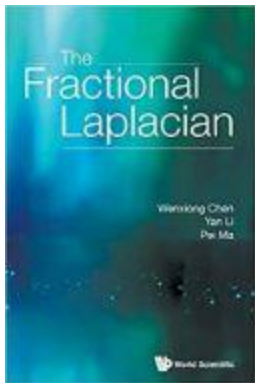
517 JAC-C

175750

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Fractional laplacian / by Wenxiong Chen, Yan Li, and Pei Ma. - New jersey: World Scientific, 2020. x, 331p.

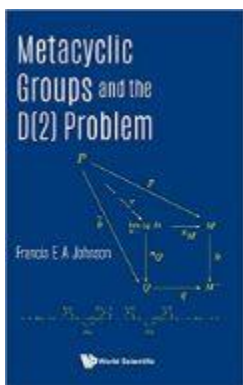
ISBN : 9789813223998. : Rs. 9838.08.

\*\*1. Laplacian operator 2. Fractional differential equations 3. Nonlocal operators.I. Li, Yan II. Ma, Pei III. Title

517.95 CHE-F

175753

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Metacyclic groups and the D(2) problem / by Francis E A Johnson. - Singapore: World Scientific, 2021. xiii, 357p.

ISBN : 9789811222757. : Rs.6533.10.

\*\*1. Algebraic topology 2. Homological algebra 3. Homomorphisms 4. Cohomology.I. Title

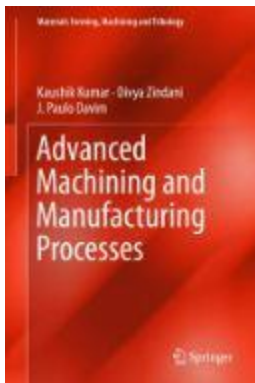
515.142 JOH-M

175752

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## Mechanical Engineering

---



Advanced machining and manufacturing processes / by Kaushik Kumar, Divya Zindani and J. Paulo Davim. - Cham: Springer, 2018. xviii, 201 p.(Materials forming, machining and tribology).ISBN : 9783319760742; 9783030093969. : Rs.7852.53; Rs.7799.43.\*\* 1. Machine tools 2. Mechanical machining 3. Electrochemistry 4. Magnetochemistry.I. Zindani, Divya II. Davim, J. Paulo III. Title IV. Series

621.7/.9:67.02KUM-A

175779

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ASM handbook / edited by David L. Bourell...(et. al). - Ohio: ASM International, 2020. xiv, 475p.(Additive manufacturing processes).  
vol.24.

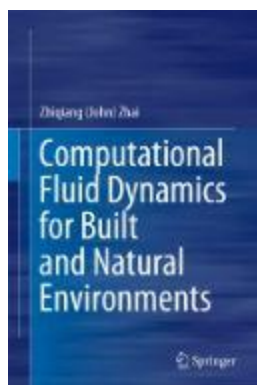
ISBN : 9781627082884. : Rs. 25875.00.

\*\* 1. Design - Handbook, manuals, etc. 2. Polymerization - Handbook, manuals, etc. 3. Metal additive manufacturing - Handbook, manuals, etc. 4. Direct write processes - Handbook, manuals, etc.I. Bourell, David L., Ed. II. Title III. Series

RL-HB 669(021) -ASM

175777

[Click here for more details](#)



Computational fluid dynamics for built and natural environments / by Zhiqiang (John) Zhai. - Singapore: Springer, 2020. ix, 263p.

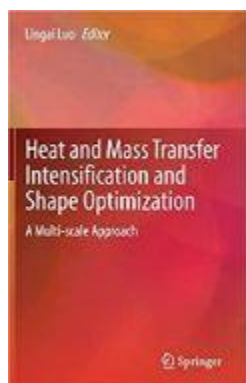
ISBN : 9789813298194. : Rs.5234.73.

\*\*1. Fluid dynamics 2. Turbulence model methods 3. Civil engineering 4. Fluid mechanics.I. Title

532.5:681.3 ZHA-C

175778;ME

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Heat and mass transfer intensification and shape optimization: a multi-scale approach / edited by Lingai Luo. - London: Springer, 2013. xv, 180p.

ISBN : 9781447147411. : Rs.9785.34.

\*\*1. Thermodynamics 2. Heat-transmission 3. Intensification 4. Mass transfer.I. Luo, Lingai, Ed. II. Title

536.2 -HEA

175713

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[Back to Content](#)



Sound analysis and synthesis with R / by Jerome Sueur. - Cham: Springer, 2018. liv, 637p.(Use R!).

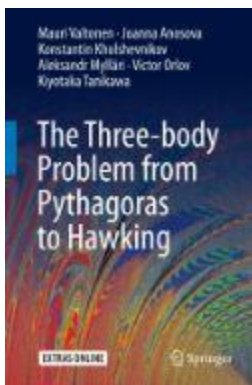
ISBN : 9783319776453. : Rs.5537.15.

\*\* 1. Animal ecology 2. Biodiversity 3. Fourier analysis 4. Sound analysis.I. Title II. Series

534.4R SUE-S

175662

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Three-body problem from pythagoras to hawking / by Mauri Valtonen...(et. al). - Switzerland: Springer, 2016. xi, 173p.

ISBN : 9783319227252. : Rs. 2848.02.

\*\* 1. Mechanics 2. Astronomy 3. Solar system 4. Black holes 5. Interacting galaxies 6. Gravity 7. Nonlinear science 8. Astrophysics 9. Dynamics 10. Differentiable dynamical systems.I. Voltonen, Mauri II. Title

521.135 -THR

175776

[Click here for more details](#)



Tribology of abrasive machining processes / by Ioan D. Marinescu...(et\_al.). - 2nd ed.. - Amsterdam: Elsevier, 2013. xiv, 586p.

ISBN : 9781437734676. : Rs.18692.43.

\*\*1. Kinematic models 2. Tribosystems 3. Tribo- chemistry 4. Grinding wheels.I. Marinescu, Ioan D. II. Title

621.89 -TRI

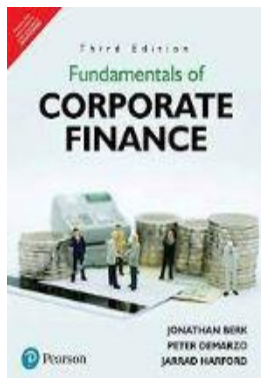
175663

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## Management Studies

---



Fundamentals of corporate finance / by Jonathan Berk, Peter DeMarzo and Jarrad Harford. - 3rd ed.. - Noida: Pearson, 2019. 784p.

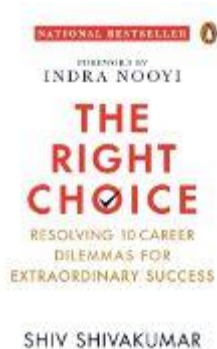
ISBN : 9789353069988. : Rs.795.00 (each copy).

\*\*1. Financial statement analysis 2. Capital structure 3. Financial planning 4. Working capital management.I. DeMarzo, Peter II. Harford, Jarrad III. Title

658.15 BER-F

175623,175624-175625;TB

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Right choice: resolving 10 career dilemmas for extraordinary success / by Shiv Shivakumar. - Gurgaon: Penguin, 2021. xxi, 277p.

ISBN : 9780670095698. : Rs.399.00.

\*\*1. Career development 2. Global mobility 3. Extraordinary success.I. Title

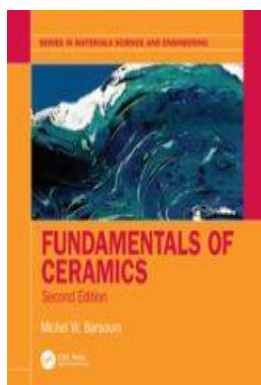
005.966 SHI-R

175627

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## Materials Science and Engineering

---



Fundamentals of ceramics / by Michel W. Barsoum. - 2nd ed. - Boca Raton: CRC press, 2020. xix, 624p.(Series in Materials Science and Engineering, 10).

ISBN : 9781498708135. : Rs. 7608.49.

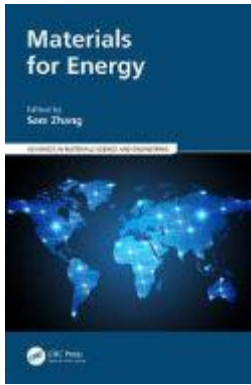
\*\* 1. Ceramic science 2. Sintering 3. Glass formation.I. Title II. Series

666.3/.7 BAR-F

175686

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Materials for energy / edited by Sam Zhang. - Boca Raton: Routledge, 2021. xiii, 514p.(Advances in materials science and engineering).

ISBN : 9780367350215. : Rs.14204.40.

\*\*1. Electric batteries--Materials 2. Materials science 3. Sustainable engineering.I. Zhang, Sam, Ed. II. Title III. Series

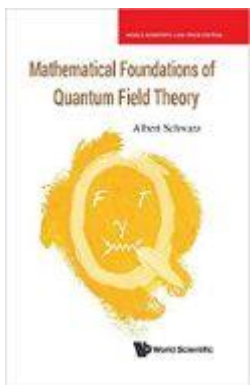
620.9 -MAT

175747

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## Physics

---



Mathematical foundations of quantum field theory / by Albert Schwarz. - New Jersey: World scientific, 2020. xlvii, 414p.

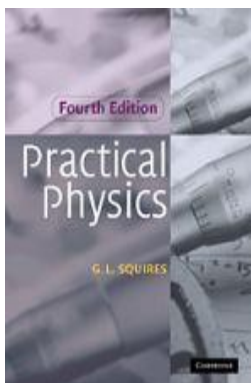
ISBN : 9780000989246. : Rs.1195.00.

\*\*1. Quantum field theory- Mathematics 2. Physics 3. Invariant hamiltonians 4. Axiomatic scattering theory.I. Title

530.145:51 SCH-M

175749

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Practical physics / by G. L. Squires. - 4th ed.. - Cambridge: Cambridge University Press, 2001. xi, 212p.

ISBN : 9780521779401. : Rs.4245.19.

\*\*1. Physics - Experiments 2. Physics - Methodology 3. Arithmetic 4. Experimental logic.I. Title

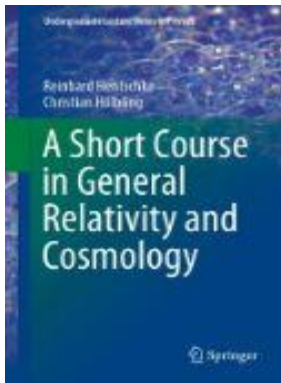
53 SQU-P

175657

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Short course in general relativity and cosmology / by Reinhard Hentschke and Christian Holbling. - Cham: Springer, 2020. ix, 296p.(Undergraduate lectures notes in physics).

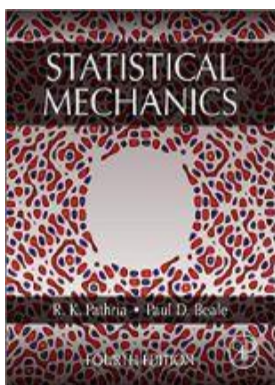
ISBN : 9783030463830. : Rs.4343.13.

\*\*1. Cosmology 2. Astrophysics 3. General relativity 4. Gravitation.I. Holbling, Christian II. Title III. Series

532:530.12 HEN-S

175740

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Statistical mechanics / by R.K. Pathria and Paul D. Beale. - 4th ed.. - London: Academic Press, 2022. xxx, 738p.

ISBN : 9780081026922. : Rs.8400.70.

\*\*1. Thermodynamics 2. Quantum statistics 3. Computer simulations 4. Ideal bose systems 5. Ideal fermi systems.I. Beale, Paul D. II. Title

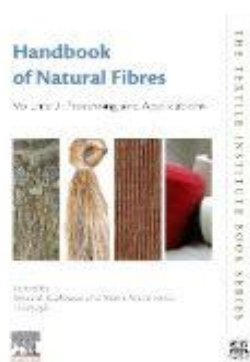
531.01 PAT-S

175695

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## Textile Technology

---



Handbook of natural fibres / edited by Ryszard M. Kozłowski and Maria Mackiewicz-Talarczyk. - 2nd ed.. - Duxford: Woodhead Publishing, 2020. xv, 736p.(Textile institute book series).

V.2: Processing and applications.

ISBN : 9780128187821. : Rs. 22289.40.

\*\* 1. Plant fibers 2. Animal fibers 3. Textile fabrics 4. Cotton fibres 5. Jute fibres 6. Coir fibres.I. Kozłowski, Ryszard M., Ed. II. Mackiewicz-Talarczyk, Maria, Ed. III. Title IV. Series

677.1/.3 HAN

175716;TT

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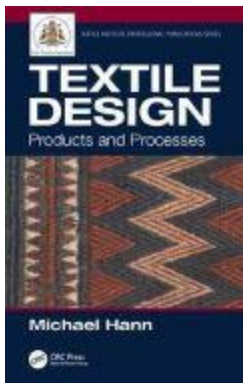
Sustainability in the textile and apparel industries: sustainable textiles, clothing design and repurposing; production process sustainability / edited by Subramanian Senthilkannan Muthu and Miguel Angel Gardetti. - Cham: Springer, 2020. vii, 215p.(Sustainable textiles: production, processing, manufacturing & chemistry). ISBN : 9783030379315. : Rs.9567.89.

\*\*1. Textile industry 2. Economic geography 3. Sustainable development 4. Clothing trade- environmental aspects.I. Muthu, Subramanian Senthilkannan, Ed. II. Gardetti, Miguel Angel, Ed. III. Title IV. Series

677 -SUS

175722

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Textile design: products and processes / by Michael Hann. - Boca Raton: CRC Press, 2021. xvii, 245p.(Textile institute professional publications).

ISBN : 9780367313067. : Rs. 5357.29.

\*\*1. Textile processing technology 2. Textile fibres 3. Textile industry.I. Title II. Series

677.02 HAN-T

175820;TT

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Textile dyeing / edited by Abdulkarim Macar. - New York: Scitus academics, 2017. viii, 314p.

ISBN : 9781681175386. : Rs. 12784.85.

\*\*1. Textile industry 2. Dyes and dyeing 3. Textile fibres 4. Dyeing process.I. Macar, Abdulkarim, Ed. II. Title

677.027 -TEX

175681

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Textile dyeing: green measures / edited by John Tegmeyer. - New Jersey: Clanrye International, 2015. vii, 258p.  
ISBN : 9781632404855. : Rs. 9074.22.  
\*\*1. Textile industry 2. Dyes and dyeing 3. Textile fibres 4. Dyeing process.I. Tegmeyer, John, Ed. II. Title

677.027:502 -TEX

175680

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Textile effluent treatment / edited by Victor Bonn. - New Jersey: Clanrye International, 2015. vii, 156p.  
ISBN : 9781632404862. : Rs. 7182.97.  
\*\*1. Textile industry 2. Textile waste 3. Wastewater treatment - Textile 4. Wastewater treatment - Textile dyeing.I. Bonn, Victor, Ed. II. Title

677.08 -TEX

175682

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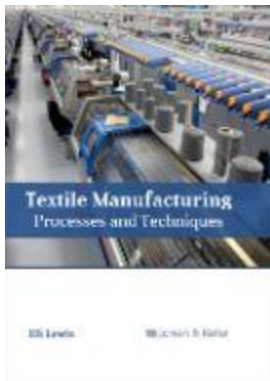
Textile engineering: materials, design and technology / edited by Dominic Tate. - New York: NY Research Press, 2018. viii, 228p.  
ISBN : 9781632385970. : Rs. 11347.50.  
\*\*1. Textile fabrics - Technological Innovations 2. Textile industry - Technological Innovations 3. Textile design 4. Textile machinery 5. Textile process.I. Tate, Dominic, Ed. II. Title

677.02 -TEX

175683

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Textile manufacturing: processes and techniques / edited by Eli Lewis. - New York: Larsen and Keller Education, 2017. viii, 203p.

ISBN : 9781635492743. : Rs. 10742.30.

\*\*1. Processing of textile 2. Formation of textile 3. Spinning 4. Knitting 5. E-textiles.I. Lewis, Eli, Ed. II. Title

677.02 -TEX

175684

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Textile technology and design / edited by Abdulkarim Macar. - New York: Scitus Academics, 2017. viii, 296p.

ISBN : 9781681176734. : Rs. 12784.85.

\*\*1. Textile industry 2. Textile design 3. Textile process.I. Abdulkarim, Macar, Ed. II. Title

677:7.05 -TEX

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