



## SCIENCE & ENGINEERING COLLECTION



### NEW ARRIVAL BOOKS 2020-2021 (PHASE 2)

s/n	Title	Author	Publisher	Year	Class Number	Location
1	The Science and Engineering of Mechanical Shock	Sisemore and Vít Babuška	Springer	2019	TA355.S57	Science & Engineering
2	Ultrasonography of the Lower Extremity: Sport-Related Injuries	Ferdinando Draghi	Springer	2019	RD560.D73	Science & Engineering
3	Unravelling the Soil Microbiome: Perspectives for Environmental Sustainability (Springer Briefs in Environmental Science)	Rama Kant Dubey, Vishal Tripathi, et al.	Springer	2019	QR111.D83	Science & Engineering
4	Using Sequence Generator Pro and Friends: Imaging with SGP, PHD2, and Related Software (The Patrick Moore Practical Astronomy Series)	Alex McConahay	Springer	2019	Q162.M33	Science & Engineering
5	Textbook of Echocardiography for Intensivists and Emergency Physicians	Armando Sarti and F. Luca Lorini	Springer	2019	RC683.5.U5	Science & Engineering
6	Thermodynamics in Nuclear Power Plant Systems	Bahman Zohuri and Patrick McDaniel	Springer	2019	TK9153.Z64	Science & Engineering

7	Real-Time C++: Efficient Object-Oriented and Template Microcontroller Programming	Christopher Kormanyos	Springer	2019	QA76.73.C153	Science & Engineering
8	Reflections on the Foundations of Mathematics: Univalent Foundations, Set Theory and General Thoughts	Stefania Centrone	Springer	2019	QA248.R44	Science & Engineering
9	Solid-State NMR in Zeolite Catalysis (Lecture Notes in Chemistry)	Jun Xu, Qiang Wang, et al.	Springer	2019	HD9585.Z462	Science & Engineering
10	Structures and Dynamics of Interfacial Water: Input from Theoretical Vibrational Sum-frequency Spectroscopy (Springer Theses)	Fujie Tang	Springer	2019	QD169.W3T36	Science & Engineering
11	Studies in Conversational UX Design (Human-Computer Interaction Series)	Robert J. Moore, Margaret H. Szymanski, et al.	Springer	2019	QA76.76.S78	Science & Engineering
12	Vessel Based Imaging Techniques: Diagnosis, Treatment, and Prevention	Chun Yuan	Springer	2019	RC694.6.I52	Science & Engineering
13	The Viability of Organizations Vol. 1: Decoding the "DNA" of Organizations	Wolfgang Lassl	Springer	2019	HD58.9.L37	Science & Engineering
14	Parasitic Crustacea: State of Knowledge and Future Trends (Zoological Monographs)	Nico J. Smit, Niel L. Bruce, et al.	Springer	2019	QL445.2.S65	Science & Engineering
15	Topology in Magnetism (Springer Series in Solid-State Sciences)	JiadongZang, Vincent Cros, et al.	Springer	2019	QC753.2.T67	Science & Engineering
16	Nonparametric Kernel Density Estimation and its Computational Aspects (Studies in Big Data)	ArturGramacki	Springer	2019	QA353.K47G73	Science & Engineering

<b>17</b>	Software Product Management: Finding the Right Balance for your Product Inc. (Management for Professionals)	Timo Wagenblatt	Springer	2019	QA76.76.W34	Science & Engineering
<b>18</b>	Quantum Theory, Groups and Representations: An Introduction	Peter Woit	Springer	2019	QC174.17.W65	Science & Engineering
<b>19</b>	Practice of Optimisation Theory in Geotechnical Engineering	Zhen-Yu Yin and Yin-Fu Jin	Springer	2019	TA705.Y56	Science & Engineering
<b>20</b>	Practicing the Correspondence Principle in the Old Quantum Theory: A Transformation through Implementation (Archimedes)	Martin Jähnert	Springer	2019	QC174.J34	Science & Engineering
<b>21</b>	Physical Optics: Concepts, Optical Elements, and Techniques (UNITEXT for Physics)	Giovanni Giusfredi	Springer	2019	QC369.G58	Science & Engineering
<b>22</b>	Nonlinear Approaches in Engineering Applications: Energy, Vibrations, and Modern Applications	Liming Dai and Reza N. Jazar	Springer	2019	TL240.N66	Science & Engineering
<b>23</b>	Non-seismic and Non-conventional Exploration Methods for Oil and Gas in Cuba (Springer Briefs in Earth System Sciences)	Pardo Echarte, Manuel Enrique, Rodríguez Morán, Osvaldo, et al.	Springer	2019	TN271.E24	Science & Engineering
<b>24</b>	Nonlinear Dynamics in Computational Neuroscience (PoliTO Springer Series)	Fernando Corinto and Alessandro Torcini	Springer	2019	QP357.5.F47	Science & Engineering
<b>25</b>	Nonlinear Systems, Vol. 2: Nonlinear Phenomena in Biology, Optics and Condensed Matter (Understanding	Juan F. R. Archilla, Faustino	Springer	2019	QA402.N66	Science & Engineering

	Complex Systems)	Palmero, et al.				
26	Mesophotic Coral Ecosystems (Coral Reefs of the World)	Yossi Loya, Kimberly A. Puglise, et al.	Springer	2019	QH541.5.M47	Science & Engineering
27	Phoniatrics I: Fundamentals – Voice Disorders – Disorders of Language and Hearing Development (European Manual of Medicine)	Zehnhoff, Dinnesen,	Springer	2019	RF510.P46	Science & Engineering
28	Microscale Flow and Heat Transfer: Mathematical Modelling and Flow Physics (Mechanical Engineering Series)	Amit Agrawal, Hari Mohan Kushwaha, et al.	Springer	2019	TJ853.4.A37	Science & Engineering
29	Quantum Photonics (Graduate Texts in Physics)	Thomas P. Pearsall	Springer	2019	TA1522.P33	Science & Engineering
30	Probability in Physics: An Introductory Guide (Undergraduate Lecture Notes in Physics)	Andy Lawrence	Springer	2019	QC174.85.L39	Science & Engineering
31	Principles of Elemental Chemostratigraphy: A Practical User Guide (Advances in Oil and Gas Exploration & Production)	Neil Craigie	Springer	2019	QE515.C73	Science & Engineering
32	Principles of Radio Navigation for Ground and Ship-Based Aircrafts (Springer Aerospace Technology)	Sauta O.I., Shatrakov A.Y., et al.	Springer	2019	VK397.P75	Science & Engineering
33	Plant Based "Green Chemistry 2.0": Moving from Evolutionary to Revolutionary (Green Chemistry and Sustainable Technology)	Ying Li and FaridChemat	Springer	2019	TP155. 2.P53	Science & Engineering
34	Quantum Computing: an Applied Approach	Jack D. Hidary	Springer	2019	QA76.889.H53	Science & Engineering
35	Mathematical Foundations of Nature-Inspired Algorithms	Xin-She Yang and Xing-Shi He	Springer	2019	TK5105.875.I5 7.Y36	Science & Engineering

36	Massive Access for Cellular Internet of Things Theory and Technique	Xiaoming Chen	Springer	2019	TK5105.8857.C44	Science & Engineering
37	Mathematical Theories of Machine Learning – Theory and Applications	Bin Shi and S. S. Iyengar	Springer	2019	Q325.5.S55	Science & Engineering
38	Micro-World Observed by Ultra-High-Speed Cameras: we See what you don't See	Kinko Tsuji	Springer	2019	TR593.M53	Science & Engineering
39	Mathematical Morphology and its Applications to Signal and Image Processing: 14 <sup>th</sup> International Symposium, ISMM 2019, Saarbrücken, Germany, July 8-10, ... Notes in Computer Science Book	Bernhard Burgeth, Andreas Kleefeld, et al.	Springer	2019	TA1637.M38	Science & Engineering
40	Learning C# by Programming Games	van Toll, Wouter, Arjan Egges, et al.	Springer	2019	QA76.73.T66	Science & Engineering
41	Measure and Integration (Springer Undergraduate Mathematics Series)	Satish Shirali and Harkrishan Lal Vasudeva	Springer	2019	QA312.S55	Science & Engineering
42	Mathematics of Quantum Computing: an Introduction	Wolfgang Scherer	Springer	2019	QC174.17.S34	Science & Engineering
43	Quantum Mechanics Between Ontology and Epistemology (European Studies in Philosophy of Science)	Florian J. Boge	Springer	2019	QC174.B64	Science & Engineering
44	The Quantum Mechanics Solver: How to Apply Quantum Theory to Modern Physics	Jean-Louis Basdevant and Jean Dalibard	Springer	2019	QC174.15.B37	Science & Engineering

45	Minimally Invasive Spine Surgery: Surgical Techniques and Disease Management	Frank M. Phillips, Isador H. Lieberman, et al.	Springer	2019	RD768.M56	Science & Engineering
46	Theory of Automata and Formal Languages	Kaushal Kishore	Random Press	2019	QA267 K57	Science & Engineering
47	Time series analysis with applications in R 2 <sup>nd</sup> ed.	Crier, J and Chan K. S.	Springer	2018	QA280.C75	Science & Engineering
48	Principles of Seed Pathology	Alfred Kings	ABD	2018	SB732.8.K56	Science & Engineering
49	Introductory Operation Research	S.C. Sharma	Discovery	2018	T57.6.S33	Science & Engineering
50	Wildlife Forensic - Investigation, Principles and Practice	Jan Bundschuh	ABD	2018	SF769.47.B86	Science & Engineering
51	Multimedia and Web Technology	Vishnu Prasad	Random Press	2018	TK105.15P73	Science & Engineering
52	Nonlinear Programming : Theory and Algorithms	Mokhtar S. Bazarsa	Wiley	2017	T57.8.B39	Science & Engineering
53	Tolerance in Crop Plants	Akhil Mittal	Random Press	2017	S600.7.M58	Science & Engineering
54	Solving Environmental Challenges of Mining, Construction, Processing and Oil and Gas Fields Projects	Deepak Chaudhary	Random Press	2017	TD195.C43	Science & Engineering
55	Wood for Bioenergy: Forests as a Resource for Biomass and Biofuels	Uttam Kumar	Random Press	2017	TP324. K86	Science & Engineering
56	Seeds, Bioregulants and Applied Plant Biotechnology	Sushil Kumar	Random Press	2017	SB106.K86	Science & Engineering

57	Water Resources: Mapping, Monitoring and Management	Pawan Kr. Tyagi	Discovery	2017	TD303.A1W38	Science & Engineering
58	Renewable Energy Resources for Sustainable Development	Abdeen M. Omer	Discovery	2017	SF769.47.B86	Science & Engineering
59	Advanced Data Analysis in Neuroscience	Daniel,D	Springer	2017	RC343.D87	Science & Engineering
60	Design and Analysis of Experiments 9 <sup>th</sup> edition	Douglas C. M	WILEY	2017	QA279.M66	Science & Engineering
61	Sewage and Sewage Treatment	Lakshmi PrasannaJakka	Random Press	2017	TD645.J35	Science & Engineering
62	Superconductors Oxide	D.Yashwanthkumar	Random Press	2017	QC611.92.K86	Science & Engineering
63	Introduction to Set Theory	A.K. Sharma	Discovery	2017	QA248.S33	Science & Engineering
64	Engineering Drawing & Design	David A. Madsen	Cengage	2017	T353.M33	Science & Engineering
65	Introduction to Time series and forecasting 3 <sup>rd</sup> ed.	Brockwell, Peter J and Davis, Richard A	Springer	2016	QA280. B76	Science & Engineering
66	Water Resources Management: Monitoring & Assessment	Sandeep Gupta	Discovery	2016	TD303.W38	Science & Engineering
67	Waste Management and Environmental Health	B. Tabassum	Discovery	2016	TD789.I5.W37	Science & Engineering
68	Water Quality (Sampling & Analysis)	S.A. Abbasi	Discovery	2016	TD367.A23	Science & Engineering
69	Information Security Risk Assessment Toolkit	Charitoudi blyth	Koros	2016	TK5105.59.I54	Science & Engineering

70	Wetlands for water pollution control	<u>MiklasScholz</u>	Elsevier Science	2015	TD756.5.S34	Science & Engineering
71	Waste Disposal and Management	Pawan Kumar 'Bharti'	Discovery	2015	TD789. I5. W37	Science & Engineering
72	Water Conservation And Utilisation In Agriculture	Harkanwar Singh	Random Press	2015	TD388.S56	Science & Engineering
73	An introduction to Probability and Statistics	Vijay K. Rohatgi	WILEY	2015	QA273.R56	Science & Engineering
74	Principles Of Human Nutrition	ShivaniRawat	Random Press	2015	QP141.R39	Science & Engineering
75	Topics in Nonparametric statistics	Akritas M. G	Springer	2014	QA278.8.A47	Science & Engineering
76	Seed Quality	Mahesh Kumar	Random Press	2014	SB118.25.K86	Science & Engineering
77	Irrigation Technology: Theory And Practice	Amalendu Bhattacharya	Random Press	2014	TC805.B43	Science & Engineering
78	Seed Science And Technology	D. Yashwanth Kumar	Random Press	2014	SB117.K96	Science & Engineering
79	Understanding Earth Science	Veena	Discovery	2014	QE26.2.V44	Science & Engineering
80	Scientific Horticulture	AbhishekGuneta	Random Press	2014	SB4 G86	Science & Engineering
81	Seed Testing	Mahesh Kumar	Random Press	2014	SB117.K86	Science & Engineering
82	Global Climate Change Effect On Agriculture	NehalKidwai	Random	2014	SB589.75.K53	Science & Engineering



	Production		Press			
83	Plant Sciences And Genetics In Agriculture	Nirmay Adiga	Random Press	2014	QK981.A35	Science & Engineering
84	Engineering education: curriculum, pedagogy and didactic aspects	Paulo J. Davim	Chandos	2014	T65.E54	Science & Engineering
85	Principles of Dairy Management	Umesh Kumar	Random Press	2014	SF239.K86	Science & Engineering
86	Multivariate time series analysis with R and financial applications	Tsay, R. S	Wiley	2013	QA280.T73	Science & Engineering
87	Waste Water Management: With Special Reference to Tanneries	S.N. Kaul	Discovery	2013	TD899.T3W37	Science & Engineering
88	Design and Analysis of Experiments International Students 8 <sup>th</sup> edition	Douglas C .M	WILEY	2013	QA279.M66	Science & Engineering
89	Statistical Quality Control 7 <sup>th</sup> ed.	Montgomery, D. C	Wiley	2013	TS156.M66	Science & Engineering
90	Understanding Marine Ecology	Ashok Kumar	Discovery	2011	QH91.15.K86	Science & Engineering
91	Problems in Chemical Kinetics and Solutions	S.A. Iqbal	Discovery	2011	QD501.I63	Science & Engineering
92	Understanding Biodiversity	Ashok Kumar	Discovery	2011	QH541.15.K86	Science & Engineering
93	Problems in Mole Concept and Gaseous State	Amit Arora	Discovery	2011	QC286.A76	Science & Engineering
94	Understanding Limnology	S. Srivastava	Discovery	2010	QH96.S65	Science & Engineering

<b>95</b>	Understanding Ecology	Veena	Discovery	2009	QH541.V44	Science & Engineering
<b>96</b>	Environmental Sciences: a students companion	Kenneth J .Gregory	SAGE	2009	GE105.E58	Science & Engineering
<b>97</b>	Operations Research: Principles and Practice 2 <sup>nd</sup> ed.	Phillips D. T.	Wiley	<u>2007</u>	T57.6.P48	Science & Engineering
<b>98</b>	Monte Carlo Statistical Methods (Springer Texts in Statistics) 2 <sup>nd</sup> ed	Christian Robert	Springer	2005	QA276.R575	Science & Engineering
<b>99</b>	Analysis of Environmental Endocrine Disruptors	Larry Keith, Tammy Jones, Larry Needham	OUP	2000	RA1226.A53	Science & Engineering