

# Central Science Library

## List of Additions

From 01/01/2022 to 31/12/2023

### ANTHROPOLOGY

1. B280bL R2  
Stewart Antony. Basic statistics & epidemiology: A practical guide. 5th. Boca raton : CRC Press 2022.  
xi,204p. ill.  
SL01655354 978-0-367-70815-3
2. E:25 R1  
Pillai Suresh C; Kumaravel Vignesh. Photocataltsis. Germany : De gruyter 2021.  
x, 386p. Col. ill.  
SL01655049 978-3-11-066845-2
3. G:(F) R2  
Godbey WT. Biotechnology and its applications:using cells to change the world. 2. London : Academic  
press 2022.  
xviii, 462p. Col. ill.  
SL01655051 978-0-12-817726-6
4. G:6 N6;R0  
Griffiths Anthony J F; Doebley John; Peichel Catherine; Wassarman David A. Introduction to genetic  
analysis. 12th. New York : Macmillan Learning 2020.  
xx, 796p. col. ill.  
SL01655304 978-1-319-11477-0
5. I:12-6 R2  
Snow Alexander. DNA finger print technology. Wilmington : Kuffmann Press 2022.  
xvi, 258p. ill.  
SL01655419 978-1-6668-8870-6
6. L:43 R0  
White Susan. Basic & clinical biostatistics. 5th ed. New Delhi : McGraw Hill Lange 2020.  
vii, 358p. ill.  
SL01655438 978-1-260-46067-4
7. L:46 R1  
Pine Gracelyn. Nutrition science: Health and diseases. Brooklyn : States Academic Press 2021.  
vii, 197p. ill.  
SL01655309 978-1-63989-389-8
8. L:46 R2  
Matthews Rebecca. Dietary patterns and health: A nutrition science approach. New York : Murphy &  
Moore Publishing 2022.  
ix, 244p. ill.  
SL01655310 978-1-63987-161-2
9. L:573 R1  
Berdanier Carolyn D; Berdanier Lynnette A. Advanced nutrition macronutrient micronutrient and  
metabolism. 3. Boca raton : CRC PRESS 2021.  
xxi, 592p. Col. ill.  
SL01655052 978-0-367-55458-3
10. L:5730aW R0  
Mukhopadhyay Kanchan. Food power: Expressions of food-politics in South Asia. New delhi : Sage  
2020.  
xviii, 424p. ill.  
SL01655022 978-93-5388-376-8

11. L573 Q4  
Ferguson Lynnette R. Nutrigenomics and nutrigenetics in functional foods and personalized nutrition. Boca Raton : CRC Press 2014.  
xvii, 433p. ill.  
SL01655443 978-0-367-26899-2
12. L82:(V:71) R1  
Mays Simon. Archaeology of human bones. 3. New york : Routledge 2021.  
xiii, 424p. Col. ill.  
SL01654826 978-1-138-04567-5
13. R4:f R1  
Biswas Subir. Research ethics indigenous communities and fieldwork. New delhi : Research India Press 2021.  
xiv, 123p. ill.  
SL01654793 978-93-5171-023-3
14. V:71:f R2  
Peregrine Peter N. Archaeology research: A brief introduction. 3rd. New york : Routledge 2022.  
xxiv, 175p. ill.  
SL01655314 978-0-367-62295-1
15. V2:71.44 R0.1-3  
Reddy Pedarapu Chenna. Heritage of Indian history, culture and archaeology. Vol 1-3. New delhi : B R Publishing Corporation 2020.  
li, 208p. Col. ill.  
SL01654800 - SL01654802 9789388789363
16. V44:71 R0.1-.2  
Rajesh S V Ed.; Abhayan G S. Archaeology of burials: Examples from Indian subcontinent ( 2 Vol. set ). Vol.1-2. Delhi : New Bharatiya Book Corporation 2020.  
x, 360p. Col. ill.  
SL01654805 - SL01654806 81-8315-366-6
17. V445-7:71 R1  
Chauley Milan Kumar; Hazarika Manjil. Archaeology in Northeast India. New delhi : Research India Press 2021.  
xxxii, 370p. ill.  
SL01654799 978-93-5171-171-1
18. Y:(L) R2  
Anne-Marie Barry; Yuill Chris. Understanding the sociology of health. 5th. London : Sage 2022.  
xii, 287p. ill.  
SL01655293 978-1-5264-9754-3
19. Y:(V:71) R1;1  
Sutton Mark Q. Archeology the science of the human past. 6th. New york : Routledge 2021.  
xxviii, 404p. Col.ill.  
SL01655313 978-0-367-62720-1
20. Y:1 R1  
Shirvalkar Prabodh; Prasad Esha. Cultural, tradition and continuity: Disquisitions in honour of Prof. Vasant Shinde (3 Vol. set). Vol 1-3. New delhi : B R Publishing Corporation 2021.  
xl, 316p. Col. ill.  
SL01654795 - SL01654797 9789388789882
21. Y:1(V:71) Q9.1-.2  
Rajesh S V; Abhayan G S. Human and heritage: An archaeological spectrum of asiatic countries ( 2 Vol. set ). Vol 1-2. Delhi : New Bharatiya Book Corporation 2019.  
xlviii, 480p. Col. ill.  
SL01654803 - SL01654804 978-81-8315-361-4

22. Y:10aU8 Q9  
Dinda Amitava. Tourism and culture: An anthropological study of sundarban. New delhi : Research India Press 2020.  
xlv,248p. Col. ill.  
SL01654794 978-93-5171-169-8
23. Y:45 Q9  
Brown Stephen E; Esbensen Finn-Aage. Criminology: Explaining crime and its context. 10. New york : Routledge 2019.  
xix, 565p. Col. ill.  
SL01654827 978-1-138-60179-6
24. Y:45 R1-;1  
Hawthorne Mark R; Plotkin Sharon L. Fingerprints: Analysis and undersranding the science. 2. Boca raton : CRC Press 2021.  
xiv, 176p. Col. ill.  
SL01654807 - SL01654808
25. Y:45 R2  
Gandhi Malli. Enforcing criminality: Application of the criminal tribes acts in India. New delhi : Manohar 2022.  
480p. ill.  
SL01655021 978-93-90729-99-9
26. Y:45(D65,8(B)) R2  
Alford Kenneth. Computer crime and computer forensics. Wilmington : Kuffmann Press 2022.  
xvi, 306p. ill.  
SL01655418 978-1-6668-8865-2
27. Y:45:(E) Q5;1  
Houck Max. Forensic chemistry. London : Academic Press 2015.  
xix,471p. Col.ill.  
SL01655357 978-0-12-800606-1
28. Y:45:(S686) R1  
Morris Ron. Forensic handwriting identification: Fundamental concepts and principles. 2nd. London : Academic Press 2021.  
xiv, 306p. ill.  
SL01655117 978-0-12-409602-8
29. Y:45:610a7 R1  
Davis Thomas. Forensic psychology: Fact and fiction. London : Macmillan 2021.  
xxix, 430p. ill.  
SL01655311 978-1-352-01121-0
30. Y:45:f Q4;Q9  
Christensen Angi M; Passalacqua Nicholas V. Forensic anthropology: Current methods and practice. 2. London : Academic Press 2019.  
xviii, 501p. Col.ill.  
SL01654830 978-0-12-815734-3
31. Y:45:f Q7  
Houck Max. Forensic anthropology. London : Academic Press 2017.  
xix,416p. ill.  
SL01655356 978-012-802214-6
32. Y:45:f Q7-;1  
Langkey Natalie R; Tersigni-Tarrent MariaTeresa. Forensic anthropology: A comprehensive introduction. 2. Boca raton : CRC Press 2017.  
xvii, 446p. Col.ill.  
SL01654831 978-1-4987-3612-1

33. Y:45:f Q9  
Gardner Ross M; Krouskup Donna R. Practical crime scene processing and investigation. 3. Boca raton : CRC Press 2019.  
xxiii, 405p. Col.ill.  
SL01654829 978-1-138-04778-5
34. Y:45:f R2  
Murphy Grace. Forensic anthropology: Acomprrhensive introduction. Rockefeller plaza : Murphy & Moore 2022.  
vii,238p. Col.ill.  
SL01655420 978-1-63987-235-0
35. Y:450bL82:f Q8  
Latham Krista; Bartelink Eric. New perspectives in forensic human skeletal identification. London : Academic Press 2018.  
xvii,356p. Col.ill.  
SL01655358 978-0-12-805429-1
36. Y:450bM95g R2  
Weiss sanford. Handbook of forensic photography. Boca raton : CRC Press/T&F 2022.  
xxiv,706p. Col.ill.  
SL01655315 978-0-367-49893-1
37. Y:45k R2  
Massey Rudolph. Encyclopedia of forensic science. Wilmington : KAUFMAN PRESS 2022.  
xiv, 278p. ill.  
SL01655343 978-1-6668-8863-8
38. Y:71 Q1  
Drewett Peter. Field archaeology. 2nd. Canada : Routledge 2011.  
xii,182p. ill.  
SL01655291 978-0-415-55118-2
39. Y0aL R2  
Monaghan Lee F. Key concepts in medical sociology. 3rd. London : Sage 2022.  
xxiii,404p. ill.  
SL01655292 978-1-5264-6588-7
40. Y17 Q2;1  
Horst Healthier A Ed.; Miller Daniel Ed. Digital anthropology. London : Bloomsbury 2012.  
x, 316p. ill.  
SL01655300 978-0-85785-290-8
41. Y17 R0  
Johnson Amber L Ed.; Lemaster Benny Ed. Gender futurity, intersectional autoethnography: Embodied theorizing from the margins. New York : Routledge 2020.  
xiv, 266p. ill.  
SL01655299 978-0-367-48960-1
42. Y17 R1  
Sahay Vijoy S. Experiencing anthropology in the nicobar archipelago. South Asia Edition. London : Routledge 2021.  
xxv, 246p. ill.  
SL01655023 978-1-032-01612-2
43. Y17 R1  
Iosefo Fetatau Ed.; Jones Holman Ed.; Harris Anne Ed. Wayfinding and critical autoethnography. New York : Routledge 2021.  
xix, 217p. ill.  
SL01655301 978-0-367-34379-8

44. Y17.44 R2  
Lepcha Charisma K Ed.; Lal Uttam Ed. Communities, institutions and histories of India's Northeast. New Delhi : Manohar Publishers & Distridutors 2022.  
408p. ill.  
SL01654922 978-93-90729-31-9
45. Y172:3J R0  
Davi Jonali. Shifting cultivation: Local governmental, indigenous knowledge and natural resources management. New delhi : Research India Press 2020.  
xxiv, 305p. ill.  
SL01654791 978-93-5171-176-6
46. Y33:(V:71) Q6;R2  
Fagan Brian M; Durrani Nadia. Archaeology: A brief introduction. 13th. New York : Routledge 2022.  
xix, 361p. ill.  
SL01655312 978-0-367-43497-7
47. Y33:(V:71) Q6;R2;1  
Fagan Brian M; Durrani Nadia. Anthropology: A brief introduction. 13th ed. New York : Routledge 2022.  
xix, 361p. ill.  
SL01655368 978-0-367-43497-7
48. Y7:(G:6) R1  
Gangane S D. Human genetics. 6th. New delhi : Elsevier 2021.  
xiv,278p. Col.ill.  
SL01655355 978-81-312-6209-2
49. Y7:(K9797):5 P7;R1  
Strier Karen B. Primate behaviroal ecology. 6. New york : Routledge 2021.  
xxix, 593p. ill.  
SL01654828 978-0-367-22288-8
50. Y7:(L) R1  
Gupta R P. Digital health. 2021.  
xliv,547p. Col.ill.  
SL01655439 978-93-90612-33-8
51. Y7:(L) R2.1-.3  
Detels Roger Ed.; Karim Quarraisha Abdool Ed.; Baum Fran Ed.; Li Liming Ed.; Leyland Alastair H Ed. Oxford textbook of global public health. Vol.1 "The scope of public health"; Vol.2 "The practice of public health"; Vol.3 "The methods of public health". 7th ed. Oxford : Oxford University Press 2022.  
xxix, 349p.(vol.1), xxv, 521p.(vol.2), xxv, 796p.(vol.3) ill.  
SL01655440 - SL01655442 0-19-287128-5
52. Y7:(L).2 R1-;4  
Joshi P C Ed.; Mahajan Chakraverti Ed. Recent advances in Indian medical anthropology. New Delhi : Concept Publishing Company PVT. LTD. 2021.  
xviii, 387p. ill.  
SL01655024 - SL01655028 978-93-5439-064-7
53. Y7:(P) R1  
Ahearn Laura M. Living Language: An Introduction to Linguistic Anthropology. London : Wiley 2021.  
xxi,378p. ill.  
SL01655294 978-1-119-60814-1
54. Y7:(V:71) R1  
Sutton Mark Q. Archaeology: The science of the human past. 6. Oxon : Routledge 2021.  
xxviii, 404p. ill.  
SL01654910 978-0-367-61780-6

55. Y7:1 P9;R0  
 Eller Jack David. Cultural anthropology : Global forces, local lives. 4. New York : Routledge 2020.  
 xxi, 394p. col.ill.  
 SL01654909 978-0-367-18698-2
56. Y7:1 R0  
 Guest Kenneth J. Cultural anthropology: A toolkit for a global age. 3rd. New York : Norton & Company  
 2020.  
 xxxvi, 669p. col. ill.  
 SL01655116 978-0-393-42012-8
57. Y7:10bP Q2  
 Underhill James W. Ethnolinguistics and Cultural Concepts. United kingdom : Cambridge university  
 2015.  
 xiii,248p." ill.  
 SL01655298 978-1-107-01064-2
58. Y7:J3 R1  
 Galanakis Charis M. Food security and nutrition. london : Academic Press 2021.  
 x, 283p. ill.  
 SL01655050 978-0-12-820521-1
59. Y720aG:55.2 R1  
 Pratap Ajay; Paranjape Binda. Tribal and environmental: History of India. New delhi : Research India  
 Press 2021.  
 xvii, 360p. ill.  
 SL01654789 978-93-5171-013-4
60. Y730bD65,4 R2  
 Grasseni Cristina; Barendregt Bart; De Maaker Erik; De Musso Federico; Littlejohn Andrew;  
 Maeckelbergh Marianne; Postma Metje; Westmoreland Mark R. Audiovisual and digital ethnography: A  
 practical and theoretical guide. New York : Routledge 2022.  
 ix, 218p. ill.  
 SL01655305 978-1-032-35359-3
61. Y74:1 R0  
 Shinde Vasant; Ganvir Shrikant. Cultural heritage of south asia and beyond: Rexent perspective. Delhi :  
 Research India Press 2020.  
 xxii, 250p. ill.  
 SL01654790 978-93-5171-162-9
62. Y744 R2  
 Guha Abhijit. Nation-building in indian anthropology: Beyond the colonial encounter. New Delhi :  
 Manohar 2022.  
 154p. ill.  
 SL01655320 978-93-91928-73-5
63. Y744 R2  
 Lobo Lancy Ed.; Shah A M Ed. Indian anthropology: Anthropological discourse in bomboy. New York :  
 Routledge 2022.  
 xii, 160p. ill.  
 SL01655321 978-1-032-25348-0
64. Y7445-7:1 R1  
 Ao Lanukumla. Northeast India: Reading in cultural life. New delhi : Research India Press 2021.  
 xxviii, 242p. ill.  
 SL01654792 978-93-5171-034-9

65. Y7445-7:1 R1  
Lama G K. Glimpses of North-East India. New delhi : Research India Press 2021.  
xxvi, 272p. ill.  
SL01654798 978-93-5171-188-9

#### **BOTANY**

66. E9G L5;R1-;1  
Nelson David L; Cox Michael M. Lehninger principles of biotechnology. 8th. New work : Macmillan 2021.  
xxxiii,1095p. Col. ill.  
SL01654892 - SL01654893 978-1-319-38149-3
67. E9G L5;R1;2-;3 TI  
Nelson David L; Cox Michael M. Lehninger principles of biochemistry. 8. New York : Macmillan International 2021.  
xxxiii, 1096p. col. ill.  
SL01655359 - SL01655360 978-1-319-38149-3
68. E9G P0;R1-;1 Carb  
Nelson David L; Cox Michael M; Hoskins Aaron A. Lehninger principles of biochemistry. 8. New York : Macmillan 2021.  
xxxiii,1205p. col. ill.  
0000B06145 - 0000B06146 978-1-319-38149-3
69. E9G P0;R1;2-;3 Carb  
Nelson David L; Cox Michael M. Lehninger principles of biochemistry. 8. New York : Macmillan Learning 2021.  
xxxiii, 1096p. col. ill.  
0000B06157 - 0000B06158 978-1-319-38149-3
70. EG9 L5;R1;4 TI  
Nelson David L; Cox Michael M. Lehninger principles of biochemistry. 8th ed. New York : Macmillan international 2021.  
xxxiii, 1096p. col.ill.  
SL01655415 978-1-319-38149-3
71. G:6 P6;Q6-;1  
Russel Peter. iGenetics: A molecular approach. 3. India : Pearson 2016.  
857p. ill.  
SL01654934 - SL01654935 978-93-325-7162-4
72. G:6 Q0;Q6 Carb  
Russell Peter J. iGenetics: A molecular approach. 3. India : Pearson 2016.  
857p. col. ill.  
0000B06155 978-93-325-7162-4
73. G:6 Q9  
Alvarez-Venegas Raul Ed. Epigenetics in plant of argonomics importance: Fundamentals and applications. 2nd. Switzerland : Springer 2021.  
xiv, 415p. Col.ill.  
SL01654925 978-3-030-14759-4
74. G:6 Q9 Carb  
Alvarez-Venegas Raul Ed.; De-la-Pena Clelia Ed.; Armando Casas-Mollano Juan Ed. Epigenetics in plant of agroonomic importance:Fundamentals and applications. 2. Switzerland : Springer 2019.  
vii,415p. col. ill.  
0000B06150 978-3-030-14759-4

75. G:66 P5;Q8;3-;4  
Douglas Futuyma; Kirkpatrick Mark. Evolution. 4. New York : Oxford/Sinauer Associates 2018.  
xviii, 599p. ill.  
SL01654920 - SL01654921 9781605357409
76. G:67 R3 Carb  
Pandey Arun K. Reproductive biology of angiosperm. Boca Raton : CRC Press 2023.  
xvii, 343p. ill.  
0000B06160 978-1-032-19620-6
77. G:67 R3 TB  
Pandey Arun K. Reproductive biology of angiosperms. Boca Raton : CRC Press 2023.  
xvii, 343p. ill.  
SL01655372 978-1-032-19620-6
78. G11 N5;R1 Carb  
Lodish Harvey; Berk Arnold. Molecular cell biology. 9. New York : Macmillan 2021.  
xlili,1220p. col. ill.  
0000B06153 978-1-319-36548-6
79. G11 N5;R1-;1  
Lodish Harvey. Molecular cell biology. 9th. New york : Macmillan 2021.  
xlili, 1184p. Col. ill.  
SL01654927 - SL01654928 978-1-319-36548-6
80. G116 Q4  
Landry Christian R. Ecological genomics. London : Springer 2014.  
vi,359p. Col.ill.  
SL01655417 978-94-024-0107-3
81. G116 Q4 Carb  
Landry Christian R Ed.; Aubin-Horth Nadia Ed. Ecological genomics: Ecology and the evolution of genes and genomes. Vol.781 "Advances in experimental medicine and biology". London : Springer 2014.  
vi, 359p. ill.  
0000B06166 978-94-024-0107-3
82. G91 R0-;1  
Randhawa V S. Essentials of microbiology: An integrated clinical based approach. New Delhi : Valinderjeet 2020.  
xviii, 870p. col. ill.  
SL01655063 - SL01655064 978-93-5466-351-2
83. G91 R1  
Pommerville Jeffrey C. Microbes and society. 5th. Burlington : Jones and Bartlett publishing 2021.  
xxvi,476p. Col.ill.  
SL01655344 978-443-5000
84. G91 R1 Carb  
Pommerville Jeffrey C. Microbes and society. 5. Burlington : Jones and Bartlett publishing 2021.  
xxvi, 476p. col. ill.  
0000B06156 978-1-284-17210-2
85. I P9;R1-;1  
Mauseth James D. Botany: An introduction to plant biology. 7. Burlington : Jones and Bartlett publishing 2021.  
xix,843p. Col.ill.  
SL01655345 - SL01655346 978-443-5000



86. I R1-;1 Carb  
Naryana P Suresh; Pullaiah T; Varalakshmi D. Botany for compittive exams. New Delhi : ASTRAL Cracker 2021.  
vii, 722p. ill.  
0000B06161 - 0000B06162 978939719499
87. I,11.6 Q2;2 Carb  
Bass Hank W Ed.; Birchler James A Ed. Plant cytogenetics: Genome structure and chromose function. Vol.9 : Plant genetic and genomics: Crops and models. Dordrecht : Springer 2012.  
x, 345p. ill.  
0000B06167 978-1-4899-8679-5
88. I,11:6 Q2;1  
Bass Hank; Birchler James. Plant cytogenetics: Genome structure and chromose function. 2012.  
x,345p. Col.ill. (Plant genetics and genomics: crops and models)  
SL01655416 978-1-4899-8679-5
89. I,11f Q4 Carb  
Noguchi Tetsuko Ed.; Kawano Shigeyuki Ed.; Tsukaya H Ed.; Matsunaga S Ed.; Sakai A Ed.; Karahara I Ed.; Hayashi Y Ed. Atlas of plant cell structure. Tokyo : Springer 2014.  
xxv,202p. col. ill.  
0000B06147 978-4-431-54940-6
90. I:(E9G) P0;Q5;6-;7 Carb  
Buchanan Bob B Ed.; Gruissem Wilhelm Ed.; Jones Russell L Ed. Biochemistry & molecular biology of plants. 2nd ed. West Sussex : John Wiley 2015.  
xv, 1264p. ill.  
0000B06164 - 0000B06165 9780470714218
91. I:(E9G) P0;Q5;8 Carb  
Buchanan Bob B Ed.; Gruissem Wilhelm Ed.; Jones Russell L Ed. Biochemistry & molecular biology of plants. 2. West Sussex : John wiley 2015.  
xv, 1264p. ill.  
0000B06159 9780470714218
92. I:(E9G) P0;Q5-4-;5 Carb  
Buchanan Bob B; Gruissem Wilhelm Ed.; Jones Russell L Ed. Biochemistry & molecular biology of plants. 2. West Sussex : Wiley Blackwell 2015.  
xv,1264p. col. ill.  
0000B06151 - 0000B06152 9780470714218
93. I:66-7 Q9  
Grossniklaus Ueli Ed. Plant development & evolution. V-131. London : Elsevier 2019.  
xviii, 642p. Col. ill. (Current topics in developmental biology)  
SL01654946 978-0-12-809804-2
94. I:66-7 Q9 Carb  
Grossniklaus Ueli Ed. Plant development and evolution. Cambridge : Academic Press 2019.  
xviii,642p. col. ill.  
0000B06154 978-0-12-809804-2
95. I:66-7 Q9;1  
Grossniklaus Ueli Ed. Plant development and evolution. Cambridge : Academic Press 2019.  
xviii,642p. col. ill.  
SL01654919 978-0-12-809804-2
96. I22 Q5 Carb  
Dinabandhu Sahoo Ed.; Seckbach Joseph Ed. Algae world. New York : Springer 2015.  
xii, 598p. ill.  
0000B06163 978-94-017-7320-1

97. I22 Q5-;1 TI  
Sahoo Dinabandhu Ed.; Seckbach Joseph Ed. Algae world. New York : Springer 2015.  
xii, 598p. col. ill. (Cellular origin, life in extreme habitats and astrobiology)  
SL01655388 - SL01655386 978-94-017-7320-1
98. J:423 Q5-;1  
Tennant Paula Ed.; Fermin Gustavo Ed. Virus diseases of tropical and subtropical crops. Oxfordshire :  
CABI 2015.  
xii, 251p. col. ill. (CABI plant protection series)  
SL01654904 - SL01654905 978-1-78064-426-4
99. J:423 Q5-;1 Carb  
Tennant Paula Ed.; Fermin Gustavo Ed. Virus diseases of tropical and subtropical crops. Oxfordshire :  
CABI 2015.  
xii, 251p. col. ill. (CABI Plant Protection Series)  
0000B06148 - 0000B06149 978 1 78064 426 4

## CHEMISTRY

100. C21:(D) Q9  
Paul Rajib Ed.; Etacheri Vinodkumar Ed.; Wang Yan Ed.; Lin Cheng-Te Ed. Carbon based  
nanomaterials for advanced thermal and electrochemical energy storage and conversion. Amsterdam :  
Elsevier 2019.  
xvii, 444p. ill.  
SL01654982 978-0-12-814083-3
101. C21:(D) R0  
Nguyen-Tri P Ed.; Do Trong-On. Smart nanocontainers. Cambridge : Elsevier 2020.  
xvi, 547p. Col. ill.  
SL01654981 978-0-12-816770-0
102. C21:(D) R1  
Sinha Sunil K; Sanyal Milan K. Advanced characterization of nanostructured materials. London : World  
Scientific 2021.  
xiv, 412p. Col. ill.  
SL01654962 978-981-123-150-6
103. C4:7 Q4;R1  
Bikkin Halid; Lyapilin Igor. Non -equilibrium thermodynamics and physical kinetics. 2. Germany : De  
Gruyter 2021.  
xiii, 436p. ill.  
SL01655048 978-3-11-072706-7
104. E:221 R1  
Woodward Patrick M; Karen Pavel. Solid state materials chemistry. New delhi : Cambridge University  
Press 2021.  
xix, 687p. ill.  
SL01654886 978-0-521-87325-3
105. E:24 R1  
Lee Lloyd. Molecular thermodynamics of electrolyte solutions. 2. London : World Scientific 2021.  
xiv, 278p. Col. ill.  
SL01654881 978-981-123-417-0
106. E:26 Q9  
Baumgartel Helmut. Electro-Chemistry: A guide for newcomers. Boston : De Gruyter 2019.  
xii, 230p. Col.ill.  
SL01654897 978-3-11-044340-0

107. E:26 R1  
Subramanian Muralisrinivasan Natamai. Electroactive polymers: Synthesis and applications. Berlin : De Gruyter 2021.  
xii, 213p. ill.  
SL01655007 978-3-11-063779-3
108. E:283 R0  
Burton Brent. Textbook of polymer chemistry. New york : Willford Press 2020.  
vii, 198p. Col.ill.  
SL01654978 978-1-68285-942-1
109. E:283 R0  
Seiffert Sebastian. Physical chemistry of polymers: A conceptual introduction. Boston : De Gruyter 2020.  
x, 217p. col.ill.  
SL01654965 978-3-11-067280-0
110. E:283 R1  
Lodge Timothy P; Hiemenz Paul C. Polymer chemistry. 3. Boca Raton : CRC Press 2021.  
xiv, 661p. ill.  
SL01654986 978-1-4665-8164-7
111. E:283 R1 carc  
Lodge Timothy P; Hiemenz Paul C. Polymer chemistry. 3. Oxon : CRC Press 2021.  
xiv,661p. col. ill.  
0000C09439 978-1-4665-8164-7
112. E:3 R2  
Soffiantini Vic. Analytical chemistry. boston : De Gruyter 2022.  
xii, 302p. Col.ill.  
SL01654966 978-3-11-072119-5
113. E:30aG:55 R0  
Garrigues Salvador Ed.; De La Guardia Miguel Ed. Challenges in green analytical chemistry. 2. London : Royal Society of Chemistry 2020.  
xx, 378p. ill.  
SL01654985 978-1-78801-537-0
114. E:30aG:55 R0 Carc  
Garrigues Salvador; Guardia Miguel da la. Challenges in green analytical chemistry. 2. Croydon : Royal Society of Chemistry 2020.  
xx,378p. Col.ill. (Green Chemistry Series no. 66)  
0000C09438 978-1-78801-537-0
115. E:88 R1  
Bonrath Werner; medlock Jonathan. Catalysis for fine chemicals. Germany : De Gruyter 2021.  
xi, 392p. ill.  
SL01655047 978-3-11-057115-8
116. E:9S Q9  
Goldman Nir Ed. Computational approaches for chemistry under extreme conditions. Switzerland : Springer 2019.  
viii, 293p. iil. (Challenges and advances in computational chemistry and physics 28)  
SL01654983 978-3-030-05599-8
117. E:f3 R1  
Matyushov Dmitry. Manual for theoretical chemistry. Singapore : World Scientific 2021.  
xv, 356p. ill.  
SL01654964 978-981-123-011-0

118. E:f3 R1 Carc  
Matyushov Dmitry Au. Manual for theoretical chemistry. Singapore : World Scientific 2021.  
xv, 356p. ill.  
0000C09442 978-981-123-011-0
119. E0aG:55 R0  
Etzkorn Felicia A. Green chemistry: Principles and case studies. London : Royal Society of Chemistry 2020.  
xix, 447p. ill.  
SL01655004 978-1-78801-798-5
120. E0aG:55 R0-;1 Carc  
Etzkorn Felicia A Au. Green Chemistry: Principles and case studies. Croydon : Royal Society of Chemistry 2020.  
xix,447p. Col. ill.  
0000C09447 - 0000C09448 978-1-78801-798-5
121. E140 Q9  
Jiang Xin Ed.; Kang Zhanhui Ed.; Guo Xiaoning Ed.; Zhuang Hao Ed. Novel carbon materials and composites: Synthesis, properties and applications. Hoboken : Wiley 2019.  
xvi, 284p. ill.  
SL01655005 978-1-119-31339-7
122. E140:221 Q9  
Kubozono Yoshihiro Ed. Physics and chemistry of carbon-based materials: Basics and applications. Singapore : Springer 2019.  
viii, 332p. ill.  
SL01654984 978-981-13-3416-0
123. E151 R2  
Brooks Martin. Apatites (Structure, characterization and applications): Scientific and technological perspectives. New York : Murphy & Moore 2022.  
vii, 209p. ill.  
SL01654972 978-1-63987-052-3
124. E170-5 R1  
Haupt Axel. Organic and inorganic fluorine chemistry. Boston : De Gruyter 2021.  
xvi, 625p. ill.  
SL01654963 978-3-11-065929-0
125. E3 R2  
Meyer Johana. Recent advances in analytical chemistry. New york : Murphy & moore 2022.  
vii, 243p. Col. ill.  
SL01654970 978-1-63987-473-6
126. E4 Q8  
Pierre Valerie C; Allen Matthew. Contrast agents for MRI. with 30% disc. United kingdom : Royal Society of Chemistry 2018.  
xiv, 597p. Col.ill.  
SL01654973 978-1-78262-447-9
127. E5,8170 R0  
Ojima Iwao Ed. Frontiers of organofluorine chemistry. London : World Scientific 2020.  
xix, 821p. Col. ill.  
SL01654933 978-1-78634-732-9
128. E5:3 R0-;1  
Chan Kim Seng; Tan Jeanne. Understanding advanced organic and analytical chemistry: The learner's approach. Revised ed. London : World Scientific 2020.  
xix, 548p. ill.  
SL01654884 - SL01654885 9780000989123

129. E5:3 R0-;1 Carc  
Chan Kim Seng; Tan Jeanne. Understanding advanced organic and analytical chemistry: The learner's approach. Revised ed. India : World Scientific 2020.  
xix,548p. ill.  
0000C09436 - 0000C09437 978-0-00-098912-3
130. E68 Q8;R0-;1  
Alen Raimo. Carbohydrate chemistry: Fundamentals and applications. London : World Scientific 2020.  
x, 586p. ill.  
SL01654882 - SL01654883 978-000-0988-49-2
131. E68 Q8;R0-;1 Carc  
Alen Raimo. Carbohydrate chemistry: Fundamentals and applications. India : World Scientific 2020.  
x,586p. ill.  
0000C09434 - 0000C09435 978-00-0098849-2
132. E9 Q4-;1  
Brahmachari Goutam Ed. Natural bioactive molecules: Impacts and prospects. New Delhi : Narosa Publishing House 2014.  
xv, v.p. ill.  
SL01654998 - SL01654999 978-81-8487-235-4
133. E9 Q4-;1 carc  
Brahmachari Goutam. Natural bioactive molecules: Impacts and prospects. New Delhi : Narosa 2014.  
xv,516p. col. ill.  
0000C09440 - 0000C09441 978-81-8487-235-4
134. E9G P1-;1  
Frausto de Silva J J R; Williams R J P. Biological chemistry of the elements: The inorganic chemistry of life. 2. New delhi : Oxford University Press 2020.  
xvii, 575p. ill.  
SL01655046 978-0-19-886258-1
135. E9G P1-;1  
Silva Frausto da; Willimas RJP. Biological chemistry of the elements:The inorganic chemistry of life. 2. Berlin : De Gruyter 2001.  
xvii,575p. ill.  
SL01655045 - SL01655046 978-0-19-886258-1
136. E9G P1;1-;2 carc  
Frausto da Silva J J R; Williams R J P. Biological chemistry of the elements: The inorganic chemistry of life. 2. New Delhi : Oxford University Press 2001.  
xvii,575p. col. ill.  
0000C09443 - 0000C09444 978-0-19-886258-1
137. E9g,1 R1-;1  
Maurya RC. Bionorganic chemistry: Some new facets. Berlin : De Gruyter 2021.  
xv, 395p. Col.ill.  
SL01655019 - SL01655020 978-3-11-0722729-6
138. E9G,1 R1-;1 carc  
Maurya R C. Bioinorganic chemistry: Some new facets. Berlin : De Gruyter 2021.  
xv,395p. col. ill.  
0000C09445 - 0000C09446 978-3-11-072729-6
139. E9G:26 Q9  
Cosnier Serge Ed. Bioelectro-chemistry: Design and applications of biomaterials. Berlin : De Gruyter 2019.  
xiii, 285p. ill.  
SL01655006 978-3-11-056898-1

140. H34 R2  
Burt Carl. Ceramics: Properties, processing and applications. New York : Murphy & Moore 2022.  
vi, 238p. Col. ill.  
SL01654971 978-1-63987-099-8

#### COMPUTER SCIENCE

141. B0bD65,8(B) R1  
O'Regan Gerard. Guide to discrete mathematics: An accessible introduction to the history, theory, logic and applications. 2nd ed. Switzerland : Springer 2021.  
xxi, 452p. ill.  
SL01655446 978-3-030-81587-5
142. B25,1 R0  
Lyche Tom. Numerical linear algebra and matrix factorizations. Switzerland : Springer 2020.  
xxiii, 362p. ill.  
SL01654988 978-3-030-36467-0
143. B28 R1  
Kappelmann-Fenzl Melanie Ed. Next generation sequencing and data analysis. Switzerland : Springer 2021.  
xii, 218p. ill. (Learning materials in biosciences)  
SL01655423 978-3-030-62489-7
144. B28 R2  
Stokes Nash. Introduction to Statistics analyzing data. New York : Murphy & Moore 2022.  
vii, 233p. ill.  
SL01655002 978-1-63987-336-4
145. B28,92R R1  
Andrews Mark. Doing data science in R: An introduction for social scientists. London : Sage 2021.  
vi, 626p. ill.  
SL01655407 978-1-5264-8677-6
146. B3110cC R0  
Gezerlis Alex. Numerical Methods in Physics with Python. 2020.  
xviii, 586p. ill.  
SL01655410 978-1-108-73893-4
147. D65 Q9  
Anandarajan Murugan; Hill Chelsey. Partical text analytics: Maximizing the vale of text data. Vol- 2. Switzerland : Springer 2019.  
xxviii, 285p. Col. ill. (Advanced in analytics and data science)  
SL01654931 978-3-319-95662-6
148. D65,48M R1  
Rice Brett. Wireless communications. New York : Murphy & Moore Publishing 2021.  
viii, 239p. ill.  
SL01655467 978-1-63987-571-9
149. D65,8(B) R0  
Calin Ovidiu. Deep learning architectures: A mathematical approach. 2020.  
xxx, 760p. Col.ill. (Springer series in the data science, 23655674)  
SL01655377 978-3-030-36723-7
150. D65,8(B) R1  
Ferlitsch Andrew. Deep learning patterns and practices. Island : Manning Publications Co. 2021.  
xxii, 447p. ill.  
SL01655405 978-1-61729-826-4

151. D65,8(B) R1  
Perjons Erik; Johannesson Paul. Introduction to design science. 2nd. Switzerland : Springer 2021.  
xiv, 211p. ill.  
SL01655444 978-3-030-78131-6
152. D65,8(B),27 P7;R0  
Bramer Max. Principles of Data Mining. 4th. London : Springer 2020.  
xvi, 571p. ill. (Undrgraduate topics in computer science)  
SL01655448 978-1-4471-7492-9
153. D65,8(B),27 R1  
Zong Chenqing; Xia Rui. Text data mining. 2021.  
xxi,351p. Col.ill.  
SL01655373 978-981-16-0102-6
154. D65,8(B):(B28) Q1;R2  
Szeliski Richard. Computer vision: Algorithms and applications. 2nd ed. Switzerland : Springer 2022.  
xxii, 925p. col. ill. (Texts in computer science)  
SL01655450 978-3-030-34371-2
155. D65,8(B):(B288) N0;R2  
Corman Thomas. Introduction to algorithms. 4th ed. 2022.  
xx,1291p." Col.ill.  
SL01655466 978-0-262-04630-5
156. D65,8(B):(B288) R1  
La Rocca Marcello. Advanced algorithms and data structures. Island : Manning Publications Co. 2021.  
xxvii, 737p. ill.  
SL01655401 978-1-61729-548-5
157. D65,8(B):(C5:22) R1  
Chityala Ravishankar; Pudipeddi Sridavi. Image processing and acquisition using python. 2nd ed. Boca Raton : CRC Press 2021.  
xxix, 421p. ill. (The python series)  
SL01655465 978-0-367-53157-7
158. D65,8(B):(S:72) Q5;R1  
Kubat Miroslav. Introduction to machine learning. 3rd ed. Switzerland : Springer 2021.  
xviii, 458p. ill.  
SL01655408 978-3-030-81934-7
159. D65,8(B):(S:72) R0  
Bindu K Hima; Raghava M. Coefficient of variation and machine learning applications. Boca raton : CRC Press 2020.  
xxi, 126p. ill. (Intelligent signal processing and data analysis)  
SL01654896 978-0-367-27328-6
160. D65,8(B):(S:72) R0  
Kulkarni Shrirang Ambaji; Gurupur Varadrah P; Fernandes Steven L. Introduction to IOT with manhine learning and image processing using raspberry IP. Boca Raton : CRC Press/T&F 2020.  
vii, 158p. ill.  
SL01655378 978-0-367-49373-8
161. D65,8(B):(S:72) R1  
Pearson Jacob. Introduction to machine learning. New york : Murphy & Moore 2021.  
viii, 232p. Col. ill.  
SL01655001 978-1-63987-333-3

162. D65,8(B):(S:72) R1  
Mak Man-Wai; Chien Jen-Tzung. Machine learning for speaker recognition. Cambridge : Cambridge University Press 2021.  
xviii, 309p. ill.  
SL01655409 978-1-108-42812-5
163. D65,8(B):(S:72) R1  
Aggarwal Charu C. Artificial Intelligence: A textbook. Switzerland : Springer 2021.  
xx, 483p. ill.  
SL01655376 978-3-030-72356-9
164. D65,8(B):(S:72) R2  
Hvitfeldt Emil; Silge Julia. Supervised machine learning for text analysis in R. Boca Raton : CRC Press/T&F 2022.  
xix, 381p. ill.  
SL01655411 978-0-367-55419-4
165. D65,8(B):(S:72) R2  
Suganthi K Ed.; Karthik R Ed.; Rajesh G Ed.; Ching Peter Ho Chiung Ed. Machine learning and deep learning techniques in wireless and modile networking systems. Boca Raton : CRC Press 2022.  
ix, 274p. ill.  
SL01655478 978-0-367-62006-6
166. D65,8(B):(S:72)g Q0;R0  
Berthold Michael R; Borgelt Christian; Hoppner Frank; Klawonn Frank; Silipo Rosaria. Guide to intelligent data science: How to intelligently make use of real data. 2nd. Switzerland : Springer 2020.  
xiii, 420p. ill. (Texts in computer science)  
SL01655447 978-3-030-45576-7
167. D65,8(B):3:(P) R0  
Liu Bing. Sentiment analysis: Mining opinions, sentiments, and emotions. 2. Cambridge : CUP 2020.  
xvi, 431p. ill.  
SL01654996 978-1-108-48637-8
168. D65,8(B):7 R0  
Atrey Pradeep; Senevirathna Kasun. SecureCSocial: Secure cloud-based social network. London : World Scientific 2020.  
xx,138p. Col. ill.  
SL01654895 978-981-120-591-0
169. D65,8(B)0bL R2  
Bacciu Davide Ed.; Lisboa Paulo J G Ed.; Vellido Affredo Ed. Deep learning in biology and medicine. London : World Scientific 2022.  
xii, 320p. ill.  
SL01655468 978-1-80061-093-4
170. D65,8(B)5 R2  
Vos Johan. Quantum Computing in Action. Baldwin road : Manning 2022.  
xix,242p. ill.  
SL01655404 978-1-61729-632-1
171. D65,8(B)92 R0  
Smith Einar. Introduction to the tools of scientific computing. Switzerland : Springer 2020.  
xii, 344p. ill.  
SL01654989 978-3-030-60807-1
172. D65,8(B)92 R1  
Clausen Christian. Five lines of code. Island : Manning Publication Co. 2021.  
xxvi, 307p. ill.  
SL01655403 978-1-61729-831-8



173. D65,8(B)92:81 R1  
Aniche Mauricio. Effective Software Testing. 2022.  
xxvi,300p. ill.  
SL01655427 978-1-63343-993-1
174. D65,8(B)92C++ Q9  
Janfada Ali S. Elementary synchronous programming in C++ and Java via algorithms. london : De Gruyter 2019.  
xiii, 396p. ill.  
SL01654894 9783110615494
175. D65,8(B)92py R1  
Kaiser Sarah C. Learn Quantum Computing with Python and Q#. Shelter island : Manning 2021.  
xxvi,356p. ill.  
SL01655406 978-1-61729-613-0
176. D65,8(B)92Py R1  
Chollet Francois. Deep learning with python. 2. New York : Manning Publications Co. 2021.  
xxiv, 478p. ill.  
SL01655426 978-1-61729-686-4
177. D65,8(B)92PY R1  
Haslwanter Thomas. Hands-On signal analysis with python: An introduction. Switzerland : Springer 2021.  
xvi, 267p. ill.  
SL01655424 978-3-030-57905-0
178. D65,8(B)92py R2  
Gaddis Tony. Starting Out with Python. 5th ed. Harlow : Pearson 2022.  
892p. Col.ill.  
SL01655375 978-1-292-40863-7
179. D65,8(B)92Py R2  
Fowler Matthew. Python Concurrency with asyncio. Baldwin road : Manning 2022.  
xviii,356p. ill.  
SL01655402 978-1-61729-866-0
180. D65,8(B28)92Py R0  
Bressoud Thomas; White David. Introduction to data systems: Building from python. Switzerland : Springer 2020.  
xxix, 828p. ill.  
SL01655425 978-3-030-543737-0
181. D650bR1 R1  
Hou Zhe. Fundamentals of logic and computation: With practical automated reasoning and verification. Switzerland : Springer 2021.  
x, 221p. ill. (Texts in computer science)  
SL01655445 978-3-030-87881-8
182. H:(B28M) R1  
Oyana Tonny J. Spatial analysis with R: Statistics visualization and computational methods. 2. Boca raton : Crc press 2021.  
xix,333p. Col. ill.  
SL01655056 978-0-367-86085-1

## GEOLOGY

183. B28 R0  
Yamagata Yoshiki; Seya Hajime. Spatial analysis using big data: Methods and urban applications. London : Academic Press 2020.  
xvii, 284p. Col. ill.  
SL01654774 978-0-12-813127-5
184. B2T R1  
Scott Alfred. Risk assessment: Tools, techniques and applications. New york : Murphy & Moore 2021.  
Vi, 237p. Col. ill.  
SL01655040 978-1-63987-494-1
185. B93:7 R0  
Ganguly Jibamitra. Thermodynamics in earth and planetary science. 2. Switzerland : Springer 2020.  
xxxiii, 610p. ill.  
SL01655015 978-3-030-20878-3
186. G:55 R1  
Tiwari S K. Mining and environmental science. New Delhi : Atlantic Publisher 2021.  
xvi, 360p. ill.  
SL01655160 978-81-269-1407-4
187. G95576:5 R1  
Allan J david; Capps krista A. Stream ecology. 3rd ed. Cham : Springer 2021.  
xvii,485p. Col.ill.  
SL01655451 978-3-030-61288-7
188. H R1;1  
Shephard Collin. Textbook of geology. New york : Murphy & Moore 2022.  
viii, 237p. ill.  
SL01655132 978-1-63987-520-7
189. H R2  
Shephard Collin. Textbook of geology. new york : Murphy & Moore 2022.  
viii, 237p. Col.ill.  
SL01655036 978-1-63987-520-7
190. H:(B28M) R0  
Gillings Mark; Haciguzeller Piraye. Archaeological spatial analysis: A methodological guide. New york : Routledge 2020.  
xxvii, 484p. Col. ill.  
SL01654820 978-0-8153-7323-0
191. H:(B28M) R1  
Garrison Harry. Spatial analysis: Modeling and trends. New york : Murphy & Moore 2021.  
Vi, 229p. Col.ill.  
SL01655029 978-1-63987-502-3
192. H:(C) R2  
Murphy Summer. Fundamentals of geophysics. New york : Murphy & Moore 2022.  
viii, 240p. Col.ill.  
SL01655034 978-1-63987-246-6
193. H:(E) M8  
Faure Gunter. Principles and applications of geochemistry. 2nd. New Jersey : Pearson 1998.  
xv, 600p. ill.  
SL01655332 0-02-336450-5

194. H:(E) N3;R1 TH  
Rollinson Hugh; Pease Victoria. Using geochemical data: To understand geological processes. 2nd ed. Cambridge : Cambridge University Press 2021.  
xi, 346p. ill.  
SL01655471 978-1-108-74584-0
195. H:(E) R0  
Verma Surendra P. Road from geochemistry to geochemometrics. Singapore : Springer 2020.  
xiii, 669p. ill.  
SL01655014 978-981-13-9277-1
196. H:(E) R1  
Alexandre Paul. Practical geochemistry. Cham : Springer 2021.  
xi, 115p. Col.ill.  
SL01655452 978-3-030-72455-9
197. H:(E) R2  
Jensen Karolina. Geochemistry: Principles and applications. New York : Murphy & Moore 2022.  
vi, 246p. Col.ill.  
SL01655035 978-1-63987-256-5
198. H:(E):f R1  
Clarke Joseph. Current research in geochemistry. New York : Murphy & Moore 2021.  
vi, 239p. Col. ill.  
SL01655030 978-1-63987-146-9
199. H:(F555) N9  
Hohn Michael Hohn. Geostatistics and petroleum geology. 2nd. Dordrecht : Springer 1999.  
xii, 235p. ill.  
SL01655134 978-9-402-41867-5
200. H0bD Q7  
Reddy Maruthesha M T. Engineering geology: Laboratory manual. Daryaganj : Medtech 2017.  
xvii, 153p. ill.  
SL01655477 978-93-85998-33-1
201. H0bU21 P9  
Pavlopoulos K; Evelpidou N; Vassilopoulos A. Mapping geomorphological environments. New York : Springer 2009.  
ix, 236p. ill.  
SL01655146 978-3-642-01949-4
202. H0bU28.2 R1  
Chauhan Manvendra Singh Ed.; Ojha Chandra Shekhar Prasad Ed. Ganga river basin: A hydrometeorological approach. Switzerland : Springer 2021.  
xvi, 322p. ill. (Society of earth scientists series)  
SL01655137 978-3-030-60868-2
203. H1 R0  
Halder S K. Introduction to mineralogy and petrology. 2. Amsterdam : Elsevier 2020.  
xv, 419p. Col. ill.  
SL01654822 978-0-12-820585-3
204. H1 R0  
Okrusch Martin; Frimmel Hatwig E. Mineralogy: An introduction to minerals, rocks and mineral deposits. Germany : Springer 2020.  
xi, 719p. col. ill.  
SL01655163 978-3-662-57314-3

205. H2 R2  
Pascal Christophe. Paleostress inversion techniques: Methods and applications for tectonics. Amsterdam : Elsevier 2022.  
ix, 265p. ill.  
SL01655139 978-0-12-811910-5
206. H21 R2  
Krmicek L Ed.; Rao N V Chalapathi Ed. Lamprophyres, lamproites and related rocks as tracers to supercontinent cycles and metallogenesis. London : Geological Society of London 2022.  
vi, 489p. ill. (Geological society special publication 513)  
SL01655367
207. H22 M9;R1 TH  
Bruce Yardley; Warren Clare. Introduction to metamorphic petrology. 2. Cambridge : Cambridge University Press 2021.  
viii, 333p. ill.  
SL01655128 978-1-108-4548-7
208. H3 Q9  
Billi Andrea; Fagereng Ake. Problems and solutions in structural geology and tectonics. United kingdom : Elsevier 2019.  
xiii, 302p. Col. ill. (Developments in structural geology and tectonics)  
SL01654778 978-0-12-814048-2
209. H3 R0  
Park Graham. Breakthroughs in geology: Ideas that transformed earth science. London : Dunedin 2020.  
xvii, 262p. col. ill.  
SL01654769 978-1-78046-076-5
210. H3 R0  
Pollard David D; Martel Stephen J. Structural geology: A quantitative introduction. Cambridge : Cambridge University Press 2020.  
xvii, 434p. col. ill.  
SL01655131 978-1-107-03506-5
211. H3.2 R0  
Dey S Ed.; Moyer J -F Ed. Archean granitoids of India: Windows into early Earth tectonics. London : Geological Society of London 2020.  
320p. ill. (Geological society special publication 489)  
SL01655366 978-1-78620-446-2
212. H36 Q7  
Catalan Jordi; Ninot Josep M. High mountain conservation in a changing world. 62. Switzerland : Springer 2017.  
xiv, 413p. ill. (Advances in global change research)  
SL01655044 978-3-319-55981-0
213. H36.2 R0  
Biswal Tapas Kumar Ed.; Ray Sumit Kumar Ed.; Gresemann Bernhard Ed. Structural geometry of mobile belts of the indian subcontinent. Switzerland : Springer 2020.  
xii, 254p. ill. (Society of earth scientists series)  
SL01655278 978-3-030-40592-2
214. H3f N5;R1  
Lisle Richard J. Geological structures and maps: A practical guide. 4. Cambridge : Butterworth-Heinemann(Elsevier) 2021.  
ix, 119p. Col. ill.  
SL01654824 978-0-12-818025-9

215. H3f R1  
Mukherjee Soumyajit. Atlas of structural geology. 2. Amsterdam : Elsevier 2021.  
xxi, 260p. Col. ill.  
SL01654823 978-0-12-816802-8
216. H4 Q9  
Vallis Geoffrey K. Essentials of atmospheric and ocean dynamics. Cambridge : Cambridge University Press 2019.  
x, 356p. col. ill.  
SL01655130 978-1-107-69279-4
217. H4 R2  
Parker Kenneth. Disaster management planning for emergencies. New York : States Academic Press 2022.  
vi, 229p. ill.  
SL01655133 978-1-63989-156-6
218. H4.2 R1  
Chowdary Jasti S Ed.; Parekh Anant Ed.; Gnanaseelan C Ed. Indian summer monsoon variability: El Nino-Teleconnections and beyond. Amsterdam : Elsevier 2021.  
xxi, 472p. ill.  
SL01655138 978-0-12-822402-1
219. H4:(Y:435) R0  
Srivastava Ravindra Kumar. Managing urbanization, climate change and disasters in South Asia. Singapore : Springer 2020.  
xxxvii, 469p. ill. (Disaster studies and management)  
SL01655013 978-981-15-2409-7
220. H41 R1  
Andrews Isaac. Earth's natural hazards and disasters. New York : Murphy & Moore 2021.  
Vi, 236p. Col.ill.  
SL01655039 978-1-63987-175-5
221. H413 R1  
Morrison Fernando. Plate tectonics: Essential concepts. New York : Murphy & Moore 2021.  
x, 238p. Col. ill.  
SL01655032 978-1-63987-435-4
222. H413 R2  
Cormier Vernon F; Bergman Michael I; Olson Peter L. Earth's Core: Geophysics of a planet's deepest interior. Amsterdam : Elsevier 2021.  
x, 314p. ill.  
SL01655453 978-0-12-811-400-1
223. H4132 Q9  
Ramirez-Rojas Alejandro; Sigalotti Leonardo Di G; Marquez Elsa Leticia Flores; Rendon Otto. Time series analysis in seismology: Practical applications. Amsterdam : Elsevier 2019.  
xxvii, 375p. ill.  
SL01655233 978-0-12-814901-0
224. H4132 R2  
Apostol Bogdan Felix. Theory of earthquakes. United Kingdom : Viva 2022.  
352p. ill.  
SL01655110 978-93-92299-33-9
225. H4132.4 P8  
Kayal J R. Microearthquake seismology and seismotectonics of South Asia. New Delhi : Capital Publishing Company 2008.  
xx, 503p. ill.  
SL01655162 81-85589-26-7

226. H4132:(D8518) R1  
Grana Dario Au.; Mukerji Tapan Au. Seismic reservoir modeling: Theory, examples, and algorithms. United kingdom : Wiley Blackwell 2021.  
xii, 244p. Col.ill.  
SL01654851 978-1-119-08618-5
227. H418 Q9  
Schultz Richard A. Geology fracture mechanics. Cambridge : Cambridge University Press 2019.  
xviii, 592p. ill.  
SL01655193 978-1-107-18999-7
228. H41T R1  
Shiki Tsunemasa; Tsuji Yoshinobu. Tsunamiites: Features and implications. 2. United kingdom : Elsevier 2021.  
xviii, 464p. ill.  
SL01654818 978-0-12-823939-1
229. H422 Q9;1 TH  
Holtung Bernward; Coldewey Wilhelm G. Hydrogeology. Germany : Springer 2019.  
xxvii, 357p. ill.  
SL01655126 978-3-662-56373-1
230. H422 R1  
Green Frederick. Hydrometeorology: Theory and applications. New york : Murphy & Moore 2022.  
vi, 234p. col. ill.  
SL01655038 978-1-63987-318-0
231. H422 R1  
Pulido-Bosch Antonio. Principles of karst hydrogeology. Switzerland : Springer 2021.  
xiii, 369p. ill.  
SL01655164 978-3-030-55372-2
232. H422(E196) R1  
Reynolds Teddy. Recent advances in isotope hydrology. New york : Murphy & Moore 2021.  
vi, 239p. Col. ill.  
SL01655033 978-1-63987-477-4
233. H422.2 R1  
Panday Ashish Ed.; Mishra S K Ed.; Kansal M L Ed.; Singh R D Ed.; Singh V P Ed. Climate impacts on water resources in India: Environment and health. Switzerland : Springer 2021.  
xiii, 392p. ill. (Water science and technology library)  
SL01655136 978-3-030-51429-7
234. H422:(U188) R0  
Khaki Mehdi. Satellite remote sensing in hydrological data assimilation. Switzerland : Springer 2020.  
xv, 290p. Col. ill.  
SL01654854 978-3-030-37374-0
235. H4220au67 R1  
Shit Pravat Kumar; Das Pulakesh. Mapping, monitoring and modeling land and water resources: Advanced techniques using open source software. Boca raton : CRC Press 2021.  
xx, 328p. ill.  
SL01654775 978-0-367-48683-9
236. H4223 R1  
Funke Chris. Drought flood fire. 2021.  
viii, 325p. ill.  
SL01655129 978-1-108-83987-7

237. H4224 J9;R1-;4 TH  
Todd David Todd; Mays Larry W. Groundwater hydrology. 3rd. New Delhi : John Wiley 2021.  
xix, 538p. ill.  
SL01655141 - SL01655145 978-81-94726-3-3
238. H4224 Q4  
Kuo Jeff. Practical design calculations for groundwater and soil remediation. 2. Boca Raton : CRC Press 2014.  
xv, 304p. ill.  
SL01655135 978-0-367-36475-5
239. H4224 Q9  
Senapathi Venkatramanan; Viswanathan Prasanna Mohan. GIS and geostatistical techniques for groundwater science. United kingdom : Elsevier 2019.  
xvii, 371p. ill.  
SL01654777 978-0-12-815413-7
240. H4224 R2  
Bakker Mark; Post Vincent. Analytical groundwater modeling: Theory and applications using python. Boca Raton : CRC Press 2022.  
xv, 226p. ill.  
SL01655464 978-1-138-60563-3
241. H42250aU188 R1  
Rani Meenu Ed.; Seenipandi Kaliraj Ed.; Rehman Sufia Ed.; Kumar Pavan Ed.; Sajjad Haroon Ed. Remote sensing of ocean and coastal environments. Amsterdam : Elsevier 2021.  
xxi, 404p. ill.  
SL01654819 978-0-12-819604-5
242. H4227f R1-;2  
Gibling Martin Au. River planet: Rivers from deep time to the modern crisis. Scotland : Dunedin 2021.  
xv, 222p. Col. ill.  
SL01654771 - SL01654773 978-1-78046-099-4
243. H4229 Q9  
Imteaz Monzur A. Urban water resources. Boca raton : CRC Press 2019.  
xiv, 291p. ill.  
SL01655008 978-1138-3398-97
244. H424 R1  
Vaughn Vach. Hillslope hydrology: Theory and practice. New york : Murphy & Moore 2021.  
vi, 249p. Col. ill.  
SL01655031 978-1-63987-303-6
245. H5 Q9  
Boccaletti Dino. Shape and size of the earth: A historical journey from homer to artificial satellites. Switzerland : Springer 2019.  
xv, 193p. ill.  
SL01654853 978-3-319-90592-1
246. H5 Q9  
Fleurant Cyril; Bodin-Fleurant Sandrine. Mathematics for earth science and geography: Introductory course with practical exercise and R/Xcas resources. Switzerland : Springer 2019.  
xv, 191p. Col. ill.  
SL01655009 978-3-319-69241-8
247. H5:f3 R1  
Olney Jessica; Ludman Allan; Marshak Stephen; Rauber Robert. Laboratory manual for earth science. New York : W. W. Norton 2021.  
xii, 618p. col. ill.  
SL01655127 978-0-393-69712-4

248. H6 P7;1  
Miller Foote; Meller Arnold I. Principles of paleontology. 3rd. New York : W. H. Freeman and Company 2007.  
xv, 354p. ill.  
SL01655449 978-0-7167-0613-7
249. J:1 Q9  
Novak Viliam; Hlavacikova Hana. Applied soil hydrology. Switzerland : Springer 2019.  
xxiii, 342p. ill. (Theory and applications of transport in porous media)  
SL01655012 978-3-030-01805-4
250. JB0bH422 R0  
Levia Delphis F Ed.; Carlyle-Moses Darryl E Ed.; Lida Shin'ichi Ed.; Michalzik Beate Ed.; Nanko Kazuki Ed.; Tischer Alexander Ed. Forest-Water interactions. Switzerland : Springer 2020.  
xv, 628p. ill. (Ecological studies 240)  
SL01655016 978-3-030-26085-9
251. U:(9S)f P9;R1  
Perterson Gretchen N. GIS cartography: A guide to effective map design. 3. Boca raton : CRC Press 2021.  
xvii, 318p. Col.ill.  
SL01654821 978-0-367-85794-3
252. U188 R0  
Liang Shunlin; Wang Jindi. Advanced remote sensing: Terrestrial information extraction and applications. 2. London : Academic Press 2020.  
xxiii, 986p. Col. ill.  
SL01654782 978-0-12-815826-5
253. U188 R0  
Pandey Prem Chandra; Srivastava Pandey K. Hyperspectral remote sensing: Theory and application. United kingdom : Elsevier 2020.  
xxx, 476p. Col.ill.  
SL01654825 978-0-08-102894-0
254. U188 R1  
Moreira Harv. Essentials of remote sensing principles and techniques. Milton Keynes : Ocean Press 2022.  
viii, 258p. ill.  
SL01655140 978-1-83926-663-8
255. U188:(G:55) R1  
Panday Prem C; Sharma Laxmi K. Advances in remote sensing for natural resource monitoring. Uk : Wiley Blackwell 2021.  
xxxix, 480p. Col. ill.  
SL01654852 978-1-119-61597-2
256. U188:(G:55).2 Q9  
Navalgund R R; Kumar A Senthil. Remote sensing of Northwest Himalayan ecosystems. Singapore : Springer 2019.  
lii, 564p. Col. ill.  
SL01654850 978-981-13-2127-6
257. U1880aJ3 Q9  
Kogan Felix. Remote sensing for food security. Switzerland : Springer 2019.  
xv, 255p. col. ill.  
SL01654776 978-3-030-07166-0



258. U21 R2  
Powell Greg. Basics of geomorphology. new york : Murphy & Moore 2022.  
vii, 238p. Col.ill.  
SL01655037 978-1-63987-522-1
259. U28.4497 R0  
Dimri A P; Bookhagen B. Himalayan weather and climate and their impact on the environment.  
Switzerland : Springer 2020.  
xiv, 577p. Col. ill.  
SL01654817 978-3-030-29683-4
260. Y:435 R2  
Rivera Jason D Ed. Disaster and emergency management methods: Social science approaches in application. New York : Routledge 2022.  
xxvi, 381p. ill.  
SL01655017 978-0-367-42396-4
261. Y33:(G:5) Q9  
Hall Myrna H P Ed.; Balogh Stephen B Ed. Understanding urban ecology: An interdisciplinary systems approach. Switzerland : Springer 2019.  
xxii, 360p. ill.  
SL01655011 978-3-030-11258-5

#### MATHEMATICS

262. B Q5  
Posamentier Alfred S; Krulik Stephen. Problem-solving strategies in mathematics: From Common Approaches to Exemplary Strategies. Vol.1. Singapore : World Scientific 2015.  
xxiii, 163p. ill. (Problem solving in mathematics and beyond)  
SL01655399 978-981-4651-63-9
263. B Q8  
Grieser Daniel. Exploring mathematics: Problem-Solving and proof. Switzerland : Springer 2018.  
320p. ill.  
SL01654809 978-3-319-90319-4
264. B R0  
Garetschlader Robert. Engineering young students in mathematics through competitions: World perspectives and practices. Vol-13. Singapore : World Scientific 2020.  
xvi. 176p. ill.  
SL01654923 978-981-120-723-5
265. B:(9S) R2  
Abell M L. Mathematica by example. 6th ed. 2022.  
x,532p. ill.  
SL01655374 978-0-12-824163-9
266. B13 R1  
Roy Akash Singha; Pollack Paul. Steps into analytical number theory: A problem-Based introduction.  
Switzerland : Springer 2021.  
xiii, 197p. ill. (Problem books in mathematics)  
SL01655180 978-3-030-65076-6
267. B15 R2  
Chahal J S. Algebraic number theory. Boca raton : CRC Press 2022.  
viii, 158p. ill.  
SL01654810 978-0-367-76145-5

268. B217 R2  
Cenzer Douglas. Set theory and foundations of mathematics: An introduction to mathematical logic. Vol-2. Singapore : World Scientific 2022.  
xiii, 239p. ill. (Foundation of mathematics)  
SL01655347 978-981-124384-4
269. B2-316 R2  
Miller Haynes. Lectures on algebraic topology. London : World Scientific 2022.  
xi, 392p. ill.  
SL01654997 978-981-123-285-5
270. B25 N8;R1  
Gallian Joseph A. Contemporary abstract algebra. 10. Boca Raton : CRC Press 2021.  
xviii, 635p. col. ill. (Textbook in mathematics)  
SL01654908 978-0-367-65178-7
271. B25 Q0;R3-;1  
Eie Minking; Chang Shou-Te. Course on abstract algebra. 2nd. Singapore : World Scientific 2020.  
xiii, 417p. ill.  
SL01655244 978-000-0988-348
272. B25 Q9  
Bresar Matej. Undergraduate algebra. Switzerland : Springer 2019.  
xxiv, 316p. ill.  
SL01655248 978-3-030-14052-6
273. B25 R2  
Rosenberg Steven. An invitation to abstract algebra. Boca raton : CRC Press/T&F 2022.  
xviii, 372p. ill.  
SL01655220
274. B25 R2  
Mortad Mohammed. Basic abstract algebra: Exercise and solutions. 2022.  
viii, 201p. ill.  
SL01655371 978-981-125-210-5
275. B25:1 R0  
Kubrusly Carlos. Spectral theory of bounded linear operators. Switzerland : Birkhauser 2020.  
xii, 249p. ill.  
SL01655255 978-3-030-33151-1
276. B25N03z7 L9;Q9  
Stratila Serban Valentin; Zsido Laszlo. Lectures on von neumann algebras. 2. New york : Cambridge University Press 2019.  
xii, 427p. ill.  
SL01654811 978-1-108-49684-1
277. B286 R2.1  
Urbanski Mariusz; Roy Mario; Munday Sara. Non-Invertible dynamical system. Vol.1 "Ergodic theory-Finite and infinite, thermodynamic formalism, symbolic dynamics and distance expanding maps". Berlin : De Gruyter 2022.  
427p. ill. (De Gruyter expositions in mathematics 69)  
SL01655247 978-3-11-070264-4
278. B28931 R1  
Polyok Romana A. Introduction to continuous optimization. Switzerland : Springer 2021.  
xvi, 541p. ill. (Springer optimization and its applications 172)  
SL01655251 978-3-030-68711-3

279. B289M N2;Q7  
Mayer Kenneth R; Offin Daniel C. Introduction to hamiltonian dynamical systems an N-body problem.  
3. New York : Springer 2017.  
xiii, 384p. ill. (Applied mathematical sciences)  
SL01655175 978-3-319-53690-3
280. B29M R2  
Zimmermann Alexander. Characters of groups and lattices over orders: From ordinary to integral  
representation theory. Berlin : De Gruyter 2022.  
xiii, 357p. ill.  
SL01655263 978-3-11-070243-9
281. B311 R1  
Hunter John K; Nachtergaele Bruno. Applied analysis. Singapore : World Scientific 2021.  
xii, 439p. ill.  
SL01655199 978-000-098-973
282. B311 R2  
Leader Jeffery J. Numerical analysis and scientific computation. 2nd. Boca Raton : CRC Press/T&F  
2022.  
xviii, 564p. ill. (Textbooks in mathematics)  
SL01655179 978-0-367-48686-0
283. B313 R0  
Gopal Dhananjay; Deshmukh Aniruddha; Ranadive Abhay S; Yadav Shubham. Introduction to metric  
spaces. Boca Raton : CRC Press 2021.  
xvi, 286p. ill.  
SL01654855 978-0-367-49348-6
284. B313N R0  
Hansen Vagn Lundagaard. Functional analysis: Entering hilbert space. 2nd. Singapore : World Scientific  
2020.  
xvi, 176p. ill.  
SL01655246 978-000-0988-690
285. B316 Q3;37-;46  
Singh Tej Bahadur. Elements of topology. Boca Raton : CRC Press 2013.  
xxi, 530p. ill.  
SL01655389 - SL01655398 978-1-4398-7195-9
286. B316 Q8  
Gupta Sanju; Saxena Avadh. Role of topology in materials. Switzerland : Springer 2018.  
xviii, 297p. ill. (Springer series in solid stste science, 189)  
SL01654926 978-3-319-76595-2
287. B316 R0  
Voigt Jurgen. Course on topological vector spaces. Switzerland : Springer 2020.  
viii, 155p. ill.  
SL01654815 978-3-030-32944-0
288. B316 R1  
Borges Carlos R. Elementary topology and applications. 2. Singapore : World Scientific 2021.  
xii, 161p. ill.  
SL01654813 978-981-123-742-3
289. B316-60ac R0  
Peters James F. Computational geometry, topology and physics of digital images with applications:  
Shape complexes, optical vortex nerves and proximities. Switzerland : Springer 2020.  
xxv, 440p. Col. ill.  
SL01654816 978-3-030-22191-1

290. B325 R1  
Dajani Karma; Kalle Charlena. First course in ergodic theory. Boca raton : CRC Press 2021.  
xiii, 253p. ill.  
SL01654891 978-0-367-22620-6
291. B33 Q9  
Dodson Benjamin. Defocusing nonlinear schrodinger equations. Cambridge : Cambridge University Press 2019.  
xii, 242p. ill. (Cambridge tracts in mathematics 217)  
SL01654995 978-1-108-47208-1
292. B33 R0;1  
Campos L M B C. Non-Linear differential equations and dynamical systems. Boca Raton : CRC Press 2020.  
xxii, 283p. ill. (Mathematics and physics for science and technology)  
SL01654857 978-0-367-13719-9
293. B331 R0  
Kubica Adam; Ryszewska Katarzyna; Yamamoto Masahiro. Time-Fractional differential equations: A theoretical introduction. Singapore : Springer 2020.  
x, 134p. ill. (Springer briefs in mathematics)  
SL01655264 978-981-15-9065-8
294. B331 R1  
Tumuluri Suman Kumar. First course in ordinary differential equations. Boca raton : CRC Press 2021.  
xiii, 323p. ill.  
SL01654890 978-0-8153-5983-8
295. B334 R0  
Nandakumaran A K; Datti P S. Partial differential equations: Classical theory with a modern touch. Uk : Cambridge University Press 2020.  
xix, 356p. ill.  
SL01654812 978-1-108-83980-8
296. B334 R0  
Tolstykh Vladimir A. Partial differential equations: An unhurried introduction. Berlin : De Gruyter 2020.  
x, 266p. ill.  
SL01654990 978-3-11-067724-9
297. B334 R0;1-;5 TB  
Nandakumaran A K; Datti P S. Partial differential equations: Classical theory with modern. Cambridge : Cambridge University Press 2020.  
xix, 356p. ill.  
SL01655200 - SL01655204 978-1-108-83980-8
298. B334:1 N5-;1  
Thomas J W. Numerical partial differential equations: Finite difference methods. New York : Springer 1995.  
xx, 437p. ill. (Texts in applied mathematics 22)  
SL01655273 - SL01655274 978-1-4419-3105-4
299. B334:1 N9;1-;2  
Thomas J W. Numerical partial differential equations: Conservation laws and elliptic equations. New York : Springer 1999.  
xxii, 556p. ill. (Texts in applied mathematics 33)  
SL01655275 - SL01655276 978-1-4612-6821-5

300. B334:1 P9-;2 TB  
Johnson Claes. Numerical solution of partial differential equations. New York : Dover Pub. 2009.  
278p. ill.  
SL01655363 - SL01655365 978-0-486-46900-3
301. B3340bD Q9  
Keskin Ali Umit. Ordinary differential equations for engineers: Problems with MATLAB solutions.  
Switzerland : Springer 2019.  
xiii, 786p. ill.  
SL01654856 978-3-030-06999-5
302. B33z7 M0-;4  
Patankar Suhas V. Numerical heat transfer and fluid flow. Boca raton : CRC Press/T&F 2017.  
xiii, 197p. ill (Series in computational methods in mechanics and thermal sciences)  
SL01655215 - SL01655219 978-1-13856-469-5
303. B36M22 K8;P4;3-;4  
Katznelson Yitzhak. Introduction to harmonic analysis. 3rd. Cambridge : Cambridge University Press  
2004.  
xv, 314p. ill.  
SL01655369 - SL01655370 978-0-521-54359-0
304. B37:1 Q8  
Shirali Satish. Concise introduction measure theory. Switzerland : Springer 2018.  
v, 271p. ill.  
SL01654814 978-3-030-03240-1
305. B38 R0  
Shorey Tarlok Nath. Complex analysis with applications to number theory. SIngapore : Springer 2020.  
xvi, 287p. ill. (Infosys science foundation series in mathematical sciences)  
SL01655181 978-981-15-9199-3
306. B38:8 R0  
Georgiev Svetlin G. Integral inequalities on time scales. Berlin : De Gruyter 2020.  
viii, 306p. ill.  
SL01655003 978-3-11-070550-8
307. B43 Q7;2  
Sasane Amol. A friendly approach to functional analysis. covent garden : World Scientific 2019.  
xiv,379p. ill.  
SL01655198 978-0-00-098763-1
308. B43 Q9  
Georgiev Svetlin G.; Zennir Khaled. Functional analysis with applications. Berlin : De Gruyter 2019.  
ix, 393p. ill.  
SL01655057 978-3-11-065769-2
309. B6:3 Q9  
Woodward L M; Bolton J. First course in differential geometry: Surfaces in euclidean space. Cambridge  
: Cambridge University Press 2019.  
x, 263p. ill.  
SL01655176 978-1-108-44102-5
310. B7:3551 M9;R2  
Devaney Robert L. Introduction to chaotic dynamical system. 3. Boca Raton : CRC Pree/T&F 2022.  
xiii, 419p. ill.  
SL01655262 978-1-032-15046-8

311. B75:3 K7;M5;50-;54  
Chorlton F. Text book of fluid dynamics. New delhi : CBS Pub. 2005.  
xiv,399p. ill.  
SL01655210 - SL01655214 81-239-0881-4
312. B75:3 P7-;4  
Versteeg H; Malalasekera W. Introduction to computational fluid dynamics: The finite volume method.  
2nd. Noida : Pearson 2007.  
xii, 503p. ill.  
SL01655205 - SL01655209 978-81--317-2048-6
313. B75:3 Q3;R1-;9  
Anderson Dale A; Tannehill John C; Pletcher Richard H; Munipalli Ramakanth; Shankar Vijaya.  
Computational fluid mechanics and heat transfer. 4th ed. Boca Raton : CRC Press 2021.  
xxviii, 946p. ill. (Series in computational and physical processes in mechanics and thermal sciences)  
SL01655428 - SL01655437 978-0-8153-5712-4
314. B75:3 R1  
Roychowdhury D G. Computational fluid dynamics for incompressible flow. Boca Raton : CRC  
Press/T&F 2022.  
xxiii, 391p. ill.  
SL01655261 978-0-367-52432-6
315. B751:2 R2  
Davidson P A. Incompressible fluid dynamics. Oxford : Oxford University Press 2022.  
xx, 508p. ill.  
SL01655260 978-0-19-886912-2
316. D65,8(B)94Mt Q9  
Chavez Will. MATLAB An introduction. United kingdom : ED Tech Press 2019.  
viii, 347p. ill.  
SL01654932 978-1-78882-065-3

#### **OPERATIONAL RESEARCH**

317. B217 R1  
Pandit Abhijit. Mathematical modeling using fuzzy logic. Boca raton : CRC Press 2021.  
xv,201p. ill.  
SL01655295 978-1-138-39048-5
318. B217 R1  
Pedrycz Witold. Introduction to computing with fuzzy sets: Analysis, design, and applications.  
Switzerland : Springer 2021.  
xiv, 283p. ill. (Intelligent sustems references library 290)  
SL01655285 978-3-030-52802-7
319. B217 R2  
Hesamian Gholamreza. Fuzzy statistical inferences based on fuzzy random variables. Boca Raton : CRC  
Press 2022.  
xxiv, 288p. ill.  
SL01655329 978-10-032-16222-5
320. B28 R1  
Shamsi Jawwad Ahmed; Khojaye Muhammad Ali. Bib data systems: A 360-degree approach. Boca  
raton : CRC Press 2019.  
xxvii, 312p. ill.  
SL01655042 978-1-4987-5270-1

321. B28,92PY R1  
Faraway Julian J. Linear models with python. Boca Raton : CRC Press 2021.  
x, 298p. ill.  
SL01654911 978-1-138-48395-8
322. B280aX R1  
Baltagi Badi H. Econometric analysis of panel data. 6. Switzerland : Springer 2021.  
xx, 424p. ill.  
SL01654785 978-3-030-53952-8
323. B280bX:8BE2 R0  
Ramanathan Usha; Ramanathan Ramakrishnan. Sustainable supply chains: Strategies, issues and models. Switzerland : Springer 2020.  
x, 311p. col. ill.  
SL01654763 978-3-030-48875-8
324. B281 R2  
Hoffmann John P. Linear regression models: Application in R. Boca Raton : CRC Press/T&F 2022.  
xv, 420p. ill. (Chapman & Hall/CRC statistics in the social and behavioral sciences series)  
SL01655307 978-0-367-75366-5
325. B2811093 R0  
Lan Guanghui. First-order and stochastic optimization methods for machine learning. Switzerland : Springer 2020.  
xiii, 582p. ill.  
SL01654757 978-3-030-39567-4
326. B288 R0  
Machado J A Tenreiro Ed.; Ozdemir Necati Ed.; Baleanu Dumitru Ed. Mathematical modelling and optimization of engineering problems. Switzerland : Springer 2020.  
viii, 202p. ill (Nonlinear systems and complexity, 30)  
SL01654759 978-3-030-37061-9
327. B2891 Q9  
Gillman Richard Alan; Housman David. Game theory: A modeling approach. Boca raton : CRC Press 2019.  
xi, 329p. ill.  
SL01654766 978-1-4822-4809-8
328. B2891 R0  
Ferreiro Jose Luis. Game theory: An applied introduction. Springer : Red Globe Press 2020.  
xxii, 293p. ill.  
SL01655306 978-1-352-00791-6
329. B2893 R0  
Andrei Neculai. Nonlinear conjugate gradient methods for unconstrained optimization. Switzerland : Springer 2020.  
xxviii, 498p. ill. (Springer optimization and its applications, 158)  
SL01654761 978-3-030-42949-2
330. B2893 R0  
Trost Armin. Human resources strategies: Balancing stability and agility in times of digitization. Switzerland : Springer 2020.  
xxi, 369p. ill.  
SL01654786 978-3-030-30594-9
331. B2893:L:423 R0  
Wu Desheng Dash; Olson David L. Pandemic risk management in operations and finance: Modeling the impact of COVID-19. Switzerland : Springer 2020.  
xiv, 139p. ill. (Computational risk management)  
SL01654760 978-3-030-52196-7

332. B28930bL:423 R1  
Troger Hermann. Human resources management in a post COVID-19 world. Switzerland : Springer 2021.  
xv, 198p. ill. (future of busines and finance)  
SL01654787 978-3-030-67469-4
333. B28931 P3;R0  
Diweker Urmila M. Introduction to applied optimization. 3rd. Switzerland : Springer 2020.  
xxix, 358p. ill. (Springer optimization and its applications 22)  
SL01655283 978-3-030-55406-4
334. B28931 P7;R1  
Antonious Andreas; Lu Wu-Sheng. Practical optimization: Algorithms and engineering applications. 2nd. New York : Springer 2021.  
xxiv, 721p. ill. (Texts in computer science)  
SL01655286 987-1-0716-0841-8
335. B28931 Q9  
Kochenderfer Mykel J; Wheeler Tim A. Algorithms for optimization. London : MIT Press 2019.  
xx, 500p. ill.  
SL01654914 978-0-262-03942-0
336. B28931 R0  
Eiselt H A; Sandblom Carl-Louis. Nonlinear optimization: Methods and applications. Switzerland : Springer 2019.  
xii, 366p. ill. (International series in operations &managements science, 282)  
SL01654758 978-3-030-19464-2
337. B28931 R0  
Azegami Hideyuki. Shape optimization problems. SIngapore : Springer 2020.  
xxiii, 646p. ill. (Springeroptimization and its applications 164)  
SL01655337 978-981-15-7620-1
338. B28931 R1  
Sharma Vikrant; Jain Vinod Kumar; Kumar Atul. Introduction to optimization techniques. Boca Raton : CRC Press 2021.  
xvi, 415p. ill.  
SL01655018 978-0-367-49324-0
339. B28931 R1  
Fox William P. Nonlinear optimization: Models and applications. Boca raton : CRC Press 2021.  
xxi,394p. ill. (Text book in mathematics)  
SL01655290 978-0-367-44415-0
340. B28931 R2  
Badar Altaf Q H. Evolutionary optimization algorithms. Boca Raton : CRC Press 2022.  
xii, 261p. ill.  
SL01655331 978-0-367-75054-1
341. B28931 R2  
De Miranda Joao Luis. Introduction to optimization-based decision making. Boca Raton : CRC Press 2022.  
xxi, 241p. ill. (Series in operations research)  
SL01655303 978-1-138-71216-4
342. B28931 R2  
Marti Rafael; Reinelt Gerhard. Exact heuristic methods in combinatorial optimization. 2nd. Germany : Springer 2022.  
xi, 227p. ill. (Applied mathematical sciences)  
SL01655336 978-3-662-64876-6



343. B28931 R3  
 Carlier Guillaume. Classical and modern optimization. London : World Scientific 2022.  
 xiii, 371p. ill.  
 SL01655284 978-194-4660-529
344. B2893P K53;R1  
 Luenberger David G; Ye Yinyu. Linear and nonlinear programming. 5th. Switzerland : Springer 2021.  
 xv, 609p. ill. (International series in operations research & management science)  
 SL01655288 978-3-030-85449-2
345. B28g R1  
 McNulty Keith. Handbook of regression modeling in people analytics with examples in R and python.  
 Boca Raton : CRC Press 2021.  
 xvi, 255p. ill.  
 SL01655323 978-1-032-04174-2
346. B28M R1  
 Zhigljavsky Anatoly; Zilinskas Antanas. Bayesian and high-dimensional global optimization.  
 Switzerland : Springer 2021.  
 viii, 118p. ill.  
 SL01655328 978-3-030-64711-7
347. B2T Q9  
 Chen Jin-Shan. SOC functions and their applications. Singapore : Springer 2019.  
 x, 206p. ill. (Springer optimization and its applications 143)  
 SL01654913 978-981-13-4076-5
348. B2T R1  
 Ivanov Dmitry. Introduction to supply chain resilience. Switzerland : Springer 2021.  
 xiii, 150p. Col. ill. (Classroom companion: business)  
 SL01655010 978-3-030-70489-6
349. B2T R2  
 Verhoef Peter C; Kooge Edwin; Walk Natasha; Wieringa Jaap E. Creating value with data analytics in  
 marketing. 2nd. Boca Raton : Routledge 2022.  
 xxii, 314p. ill.  
 SL01655338 978-0-367-81979-8
350. B2T0b89A R0  
 Lynch Shelley. Logistics managing trade operations. New York : Larsen & Keller 2020.  
 vi, 210p. Col. ill.  
 SL01654889 978-1-64172-456-2
351. B2T0b8B R2  
 Visser Majolein; Sikkenga Berend. Digital marketing fundamentals: From strategy to ROI. 2. United  
 Kingdom : Routledge 2022.  
 649p. Col.ill.  
 SL01654781 978-90-01-74984-2
352. B2T0b8B R2  
 De Mesquita Jose Marcos Carvalho; Kosteljik Erik. Marketing analytics: Statistical tools for marketing  
 behaviour using spss. New York : Routledge 2022.  
 ix, 200p. ill.  
 SL01655296 978-1-032-05219-9
353. B2T0b8BE2 R1  
 Robertson Peter W. Supply chain processes: Developing competitive advantage through supply chain  
 process excellence. New York : Routledge 2021.  
 xvi, 162p. ill.  
 SL01655041 978-0-367-54008-1

354. B2T0BD R0;-1  
Anand Adarsh; Aggrawal Deepti. Market assessment with OR applications. Boca raton : CRC Press 2020.  
xv, 107p. ill. (Mathematical engineering manufacturing and management science)  
SL01654915 - SL01654916 978-0-367-22692-3
355. B2T0bD:4 P6;R2  
Jardine Andrew K S; Tsang Albert H C. Maintenance, replacement, and reliability: Theory and application. 3. Boca Raton : CRC Press 2022.  
xxx, 382p. ill.  
SL01654912 978-0-367-07605-4
356. B2T0bX R2  
Panik Michael J. Mathematical analysis and optimization for economists. Boca Raton : CRC Press 2022.  
xvii, 325p. ill.  
SL01655289 978-0-367-75901-8
357. B2T0bX:8 R1  
Brooks Samuel. Business intelligence and analytics: Concepts techniques and applications. New York : Murphy & Moore Publishing 2021.  
vii, 234p. ill.  
SL01655308 978-1-63987-088-2
358. B2T0bX:8 R2  
Crawford J Kent. Project management maturity model. 4. Boca raton : CRC Press 2021.  
xxi, 212p. ill. (Pm solutions research)  
SL01654779 978-0-367-65454-2
359. B2T0bX:8 R2  
Grit Roel. Project management: A practical approach. 5. london : Routledge 2022.  
225p. Col. ill.  
SL01654780 978-90-01-57562-5
360. B2T0bX:8 R2;-1  
Johri Prashant Ed.; Anand Adarsh Ed.; Vain Juri Ed.; Singh Jagvinder Ed.; Quasim Mohammad Tabrez Ed. System assurances: Modeling and management. London : Academic Press 2022.  
xxvii, 586p. ill. (Emerging methodologies and applications in modelling, identification and control)  
SL01655318 - SL01655319 978-0-323-90240-3
361. B2T0bX:8B R0  
Visconti Luca M; Lisa Penaloza. Marketing management. 2nd. 2020.  
xxxv,528p. ill.  
SL01655339 978-1-138-56140-3
362. B2T0bX:8BE2 Q9  
Achillas Charisios; Bochtis Dionysis D. Green supply chain management. New york : Routledge 2019.  
xii, 179p. ill.  
SL01655043 978-1-138-64461-8
363. B2T0bX:8BE2 R1  
Green Catherine. Essentials of supply chain management. New york : Murphy & Moore 2021.  
viii, 235p. Col. ill.  
SL01654887 978-1-63987-215-2
364. B2T0bX:8BE2 R1  
Pullman Madeleine; Wu Zhaohui. Food supply chain management: Building a sustainable future. 2nd. New York : Routledge 2021.  
xxiii, 342p. ill.  
SL01655330 978-0-367-35120-5

365. B2T0bX:8BE2 R2  
Dickens Judy. New frontiers in supply chain management. New york : Murphy & Moore 2022.  
vi, 242p. Col. ill.  
SL01654888 978-1-63987-389-0
366. B2TobX:51 R0  
Pegan Giovanna; Vianelli Donata. International marketing strategy: The country of origin effect on decision-making in practice. Switzerland : Springer 2020.  
xiii, 188p. Col. ill.  
SL01654784 978-3-030-33590-8
367. D65,8(B),27 R1  
Das Subhankar. Search engine optimization and marketing: A recipe for success in digital marketing. Boca Raton : CRC Press 2021.  
xx, 212p. ill.  
SL01655302 978-0-367-27878-6
368. D65,8(B):(B288) R1  
Kissell Robert. Algorithmic trading methods: Applications using advanced statistics, optimization, and machine learning techniques. 2nd. London : Academic Press 2021.  
xxiv, 588p. ill.  
SL01655322 978-0-12-815630-8
369. D65,8(B):(S:72) P4;R0  
Alpaydin Ethem. Introduction to machine learning. 4. London : MIT Press 2020.  
xxiv,682p. ill.  
SL01654767 978-0-262-04379-3
370. D65,8(B):(S:72) R0  
Kelleher John D; Namee Brian Mac; DArcy Aoife. Fundamental of machine learning for predictive data analytics: Algorithms, worked examples, and case studies. 2. London : MIT Press 2020.  
liv,798p. ill.  
SL01654764 978-0-262-04469-1
371. D65,8(B):(S:72) R0  
Theodoridis Sergios. Machine learning. 2nd. London : Academic Press 2020.  
xxvii,1131p. Col.ill.  
SL01655317 978-0-12-818803-3
372. D65,8(B):(S:72) R1  
Brandimarte Paolo. From shortest path to reinforcement learning. 2021.  
xi,207p. ill.  
SL01655335 978-3-030-61866-7
373. D65,8(B):(S:72) R2  
Muller Daniel; Buarque Fernando; Marwala Tshilidzi. On rationality, artificial intelligence and economics. Singapore : World Scientific 2022.  
xxii, 230p. ill.  
SL01655297 978-981-125-511-3
374. D65,8(B)92Py R1  
Unpingco Jose. Python programming for data analysis. Switzerland : Springer 2021.  
xii, 263p. ill.  
SL01655287 978-3-030-68951-3
375. D66,2 R2-;1  
Anand Adarsh; Aggrawal Niyati. Social networks modelling and analysis. Boca raton : crc press 2022.  
xvii,235p. ill.  
SL01655460 978-0-367-54139-2

376. X:8 R0  
Brugiere Pierre. Quantitative portfolio management with applications in Python. Switzerland : Springer 2020.  
xii, 205p. ill.  
SL01654762
377. X:9 R0  
Waller Talaya. Personal brand management: Marketing human value. Switzerland : Springer 2020.  
xvi, 164p. ill.  
SL01654788 978-3-030-43743-5
378. X65 R1  
Poggensee Kay; Poggensee Jannis. Investment valuation and appraisal: Theory and practice. Switzerland : Springer 2021.  
xiii. 329p. ill. (Springer text in business and economics)  
SL01654783 978-3-030-62439-2
379. X8(M7) Q9  
Ghosh Anindya; Mal Prithwiraj. Advanced optimization and decision-making techniques in textile manufacturing. Boca raton : CRC Press 2019.  
xiv, 301p. ill.  
SL01654765 978-1-138-58676-5
380. X80aD:82 R0  
Baptista Jose. Industrial maintenance: Techniques, stories, and cases. Boca raton : CRC Press 2020.  
xiii, 122p. ill.  
SL01654768 978-0-367-34115-2

#### PHYSICS

381. B0bC R0  
Cicogna Giampaolo. Exercise and problems in mathematical methods of physics. 2. Switzerland : Springer 2020.  
xii, 218p. ill.  
SL01655107 978-3-030-59471-8
382. B0bC R1;1  
Svozil Karl. Mathematical methods of theoretical physics. Singapore : World Scientific 2021.  
xvii, 312p. ill.  
SL01655225 978-000-0990-303
383. B217 Q9  
Babanli Mustafa B. Fuzzy logic-based material selection and synthesis. Singapore : World Scientific 2019.  
xv, 259p. ill.  
SL01654901 978-981-3276-56-7
384. B2450dC Q9  
Zinn-Justin Jean. From random walks to random materials. 2021.  
xiv, 529p. ill.  
SL01655324 978-0-19-285696-8
385. B289M Q7;R1  
Fieguth Paul. Introduction to complex systems: Society, Ecology, and Nonlinear dynamics. 2. Switzerland : Springer 2021.  
xiv, 462p. ill.  
SL01655066 978-3-030-63167-3

386. B334 R0-;1  
Bagchi Bijan Kumar. Partial differential equations for mathematical physicists. Boca raton : Taylor & Francis 2020.  
xiii, 224p. ill.  
SL01654929 978-0-367-22702-9
387. B9 R2  
Willamson Mervin. Fundamentals of astrophysics. New york : M & M 2022.  
viii,232p. Col.ill.  
SL01655469 978-1-63987-243-5
388. B9:6 Q2 Carpa  
Sutton Edmund C. Observational astronomy: Techniques and instrumentation. Cambridge : Cambridge University Press 2012.  
xxiv, 394p. ill.  
0000P07613 978-1-107-01046-8
389. B9:8 P2-;1  
Narlikar Jayant Vishnu. Introduction to cosmology. 3. Cambridge : Cambridge University Press 2002.  
xvii, 541p. ill.  
SL01655080 - SL01655081 978-0-521-53141-2
390. B96 R1  
Terranova Francesco. Modern primer in particle & nuclear physics. Oxford : Oxford University Press 2021.  
xx, 467p. ill.  
SL01655168 978-0-19-284525-2
391. Bobc R1  
Svozil Karl. Mathematical methods of theoretical physics. London : WS 2021.  
xvii, 312p. ill.  
SL01654947 978-000-0990-303
392. C P0  
Damjanovic Milan; Milosevic Ivanka. Line groups in physics: Theory and applications to nanotube and polymers. Berlin : Springer 2010.  
xii, 194p. ill.  
SL01654868 978-3-662-60217-1
393. C Q6  
Shankar R. Fundamentals of physics. Vol-2. London : Yale University Press 2016.  
xvii, 660p. ill.  
SL01654944 978-0-300-24378-9
394. C Q9  
Shankar R. Fundamentals of physics. Vol.1. Expanded edition. London : Yale University Press 2019.  
xv, 506p. ill.  
SL01654943 978-0-300-24377-2
395. C:f3 R1  
Green Dan. Physics of experiment instrumentation using MATLAB apps: With companion media pack. London : World Scientific 2021.  
xiii, 247p. Col. ill.  
SL01654945 978-981-123-383-8
396. C0aB281 R0 Carpa  
Ben-Menahem Yemima Ed.; Hemmo Meir Ed. Probability in physics. First South Asian. Berlin : Springer 2020.  
xii,321p. ill. (The Frontiers Collection)  
0000P07604 978-3-662-60059-7

397. C0bB Q7  
Singh N. Computational methods for physics & mathematics: With fortran and C++ programmes. New Delhi : Narosa Publishing House 2017.  
xii, v.p. ill.  
SL01655084 978-81-8487-502-7
398. C0bB Q9  
Altland Alexander; Delft Jan Van. Mathematics for physicists: Introductory concepts and methods. Cambridge : Cambridge University Press 2019.  
xii, 700p. col. ill.  
0000P07608 978-1-108-47122-0
399. C21 P2 Carpa  
Johnes Richard A L. Soft condensed matter. Oxford : Oxford University Press 2002.  
x, 195p. ill.  
0000P07628 978-0-19-850589-1
400. C21 P5;Q5-;1  
Wahab M A. Solid state physics: Structure and properties of materials. 3. New Delhi : Narosa Publishing House 2015.  
xxiv, 596p. ill.  
SL01655090 - SL01655091 978-81-8487-493-8
401. C21 Q0  
Economou Eleftherios N. Physics of Solids: Essentials and Beyond. Berlin : Springer 2010.  
xix, 865p. ill.  
SL01655103 978-3-662-60996-5
402. C21 Q7-;2  
Singh N. Solid state physics. New Delhi : Narosa 2017.  
xvii, v.p. ill.  
SL01655067 - SL01655069 978\*81-8487-574-4
403. C21 R0  
Banyai Ladislaus Alexander. A compendium of solid state theory. 2. Switzerland : Springer 2020.  
xii, 207p. ill.  
SL01655065 978-3-030-37361-0
404. C21 R1  
Holgate Sharon Ann. Understanding solid state physics. 2nd ed. Boca Raton : CRC Press 2021.  
xxiii, 367p. ill.  
SL01655462 978-0-367-24985-4
405. C21 R1.72  
Camley Robert E Ed.; Stamps Robert L Ed. Solid state physics. Vol.72. Cambridge : Academic Press/Elsevier 2021.  
ix, 33p. ill.  
SL01655147 978-0-323-91517-5
406. C21 R2  
Hunklinger Siegfried; Enss Christian. Solid state physics. Berlin : De Gruyter 2022.  
xii, 598p. ill.  
SL01655108 978-3-11-066645-8
407. C21 R2  
Rosenstein Baruch; Li Dingping. Ginzburg-landau theory of condensates  
Thermodynamics, dynamics and formation of topological matter. Cambridge : Cambridge University Press 2022.  
x, 344p. ill.  
SL01655421 978-1-108-83685-2

408. C21:(B93) Q9  
Thomas Sabu Ed.; Sakho El Hadji Mamour Ed.; Kalarikkal Nandakumar Ed.; Oluwafemi Samuel Oluwatobi Ed.; Wu Jihuai Ed. Nanomaterials for solar cell applications. Amsterdam : Elsevier 2019.  
xvi, 743p. ill.  
SL01654902 978-0-12-813337-8
409. C21:(D) Q0  
Schaefer Hans-Eckhardt. Nanoscience: The Science of the Small in Physics, Engineering, Chemistry, Biology and Medicine. Berlin : Springer 2010.  
xxiii, 772p. ill.  
SL01655102 978-3-662-60995-8
410. C21:(D) Q1  
Cao Guozhong; Wang Ying. Nanostructures and nanomaterials: Synthesis, properties, and applications. 2. Singapore : World Scientific 2021.  
xiii, 581p. ill.  
SL01655094 978-000-0987-97-6
411. C21:(D) Q2-;1  
Bandyopadhyay Supriyo. Physics of Nanostructured Solid State Devices. New York : Springer 2012.  
xix, 551p. ill.  
SL01655101 978-1-071-60518-9
412. C21:(D) Q9  
Durkan Colm. Size really does matter: The nanotechnology revolution. London : World Scientific 2019.  
221p. ill.  
SL01654903 978-1-78634-661-2
413. C21:(D) R0  
Lin Chiun-Yan; Wu Jhao-Ying. Coulomb excitations and decays in graphene-related systems. Boca Raton : CRC Press( Taylors & Francis) 2021.  
xiv, Col. ill.  
SL01654865 978-0-367-77963-4
414. C21:(D) R0  
Torres Luis E F Foa; Roche Stephan. Introduction to graphene-based nanomaterials: From electronic structure to quantum transport. 2. New York : Cambridge University Press 2020.  
xv, 461p. ill.  
SL01654880 978-1-108-47699-7
415. C21:(D) R1  
Swain Bibhu Prasad Ed. Nanostructured materials and their applications. Singapore : Springer 2021.  
vii, 434p. ill.  
SL01655096 978-981-15-8306-3
416. C21:(D) R2  
Papaefthymiou Georgia C. Nanomagnetism: An interdisciplinary approach. Boca Raton : CRC Press/Routledge 2022.  
xviii, 417p. ill.  
SL01655249 978-1-4398-1846-6
417. C21:(D) R3 Carpa  
Bertino Massimo F. Introduction to nanotechnology. Singapore : World Scientific 2023.  
xi, 222p. ill.  
0000P07623 978-1-944660-44-4
418. C21:f R1  
Liu Xiang-Yang Ed. Frontiers and progress of current soft matter research. Singapore : Springer 2021.  
vii, 352p. ill.  
SL01655190 978-981-15-9299-7

419. C210dB316 R1  
Moessner Roderich; Moore Joel E. Topological phases of matter: New particles, phenomena, and ordering principles. Cambridge : Cambridge University Press 2021.  
xiv, 378p. ill.  
SL01655422 978-1-107-1053-9
420. C211 R1  
Sutton Adrian P. Concepts of materials science. United kingdom : Oxford University Press 2021.  
xi, 137p. Col.ill.  
SL01654939 978-0-19-284644-0
421. C211 R1  
Mittemeijer Eric J. Fundamentals of materials science. 2. Switzerland : Springer 2021.  
xxvii, 737p. ill.  
SL01655079 978-3-030-60055-6
422. C2951 N0  
Nachtmann Otto. Elementary particle physics: Concepts and phenomena (Reprint). Germany : Springer-Verlag 1990.  
xix, 559p. ill. (Text and monographs in physics)  
SL01654866 978-3-662-60021-4
423. C2951 R0 Carpa  
Nachtmann Otto Au. Elementary particle physics: Concepts and phenomena (Reprint). First south asian. Berlin : Springer 2020.  
xix, 559p. ill.  
0000P07601 978-3-662-60021-4
424. C2951 R1  
Iliopoulos John; Tomaras Theodore N. Elementary particle physics: The standard theory. Oxford : Oxford University Press 2021.  
xiii, 506p. ill.  
SL01655178 978-0-19-284421-7
425. C2951 R1-;1  
Raby Stuart. Introduction to the standard model and beyond: Quantum field theory, symmetries and phenomenology. Cambridge : Cambridge University Press 2021.  
xvi, 619p. ill.  
SL01655148 - SL01655272 978-1-108-49419-9
426. C2951 R1-;1 Carpa  
Raby Stuart. Introduction to the standard model & beyond. Cambridge : Cambridge University Press 2021.  
xvi, 619p. ill.  
0000P07619 - 0000P07620 978-1-108-49419-9
427. C4 Q4  
Saxena A K; Tiwari C M. Heat and thermodynamics. New Delhi : Narosa Publishing House 2014.  
xi, v.p. ill.  
SL01655166 978-81-8487-374-0
428. C4 R1  
Schroeder Daniel V. Introduction to thermal physics. United kingdom : Oxford University Press 2021.  
xii, 422p. ill.  
SL01654938 978-0-19-289555-4
429. C4:2 Q7  
Dupre Olivier; Vaillon Rodolphe. Thermal behavior of photovoltaic devices: Physics and engineering. Switzerland : Springer 2017.  
xiv, 130p. col.ill.  
SL01654864 978-3-319-49456-2



430. C4:7 N0;R2  
Lim Swee Cheng Ed.; Lai Choy Heng Ed.; Kwek Leong Chuan Ed. Problem and solution on thermodynamics and statistical mechanics. 2. Singapore : World Scientific 2022.  
ix, 393p. ill.  
SL01655125 978-194-4659-998
431. C4:7 Q6  
Saxena A K. Introduction thermodynamics and statistical mechanics. 2. New Delhi : Narosa Publishing House 2016.  
xvii, v.p. ill.  
SL01655167 978-81-8487-494-5
432. C4:7 R1  
Fitzpatrick Richard. Thermodynamics and statistical mechanics. Singapore : World Scientific 2021.  
xii, 346p. ill.  
SL01655093 978-000-0990-396
433. C4:7 R2 Carpa  
Lim Swee Cheng Ed.; Lai Choy Heng Ed.; Kwek Leong Chuan Ed. Problems and solutions on thermodynamics and statistical mechanics. 2. Singapore : World Scientific 2022.  
ix, 393p. ill.  
0000P07616 978-1-944659-99-8
434. C5 Q9-;4  
Liu C S; Tripathi V K; Eliasson Bengt. High power laser plasma interaction. Cambridge : Cambridge University Press 2019.  
xx, 285p. ill.  
SL01655072 - SL01655076 978-1-108-48063-5
435. C5 R1  
Meyer Ernst; Bennewitz Roland; Hug Hans J. Scanning probe microscopy: The lab ob a tip. 2. Switzerland : Springer 2021.  
xiv, 322p. ill. (Geaduate texts in physics)  
SL01655191 978-3-030-37091-6
436. C5:72 R0  
Takabe Hideaki. Physics of laser plasmas and applications: Physics of laser matter interaction. Vol.1. Switzerland : Springer 2020.  
xix, 384p. ol.ill. (Springer series in plasma science and technology)  
SL01654862 978-3-030-49615-9
437. C57:3 R1-:1  
Durrer Ruth. The cosmic microwave background. 2nd. 2021.  
xv,501p. ill.  
SL01655325 - SL01655326 978-1-107-13522-2
438. C6 R1  
Balkan Naci; Erol Ayse. Semiconductors for optoelectronics: Basic and application. Switzerland : Springer 2021.  
xii, p. ill. (Graduate texts in physics)  
SL01655475 978-3-319-44934-0
439. C6:142,5 R2  
Zarrabi Nasim. Optoelectronic protperties of organic semiconductors. Switzerland : Springer 2022.  
xv, 105p. ill.  
SL01655092 978-3-030-93161-2

440. C6:21 R2  
Combescot Roland. Superconductivity: An Introduction. Cambridge : Cambridge University Press 2022.  
ix, 335p. ill.  
SL01655106 978-1-108-42841-5
441. C6:212 P2;R1  
Grundmann Marius. Physics of semiconductors: An introduction including nanophysics and applications. 4. Switzerland : Springer 2021.  
xxxvii, 889p. Col. ill.  
SL01654900 978-3-030-51568-3
442. C6:212 P2;R1 Carpa  
Grundmann Marius. Physics of semiconductors: An introduction including nanophysics and applications. 4. Switzerland : Springer 2021.  
xxxvii, 889p. col. ill. (Graduate Texts in Physics)  
0000P07610 978-3-030-51568-3
443. C6:212 R2  
Dugaev Vitalii. Modern semiconductor physics and device applications. Boca raton : Routledge 2022.  
xiii, 383p. ill.  
SL01655250 978-0367-25082-9
444. C6:212:(D) Q9  
Banerjee Jyoti Prasad; Banerjee Suranjana. Physics of semiconductors and nanostructure. Boca Raton : CRC Press 2019.  
xxi, 411p. ill.  
SL01655172 978-1-4822-2304-0
445. C6:212;197 R2  
Zhang Sam Ed.; Ting Jyh-Ming Ed.; Wu Wan-Yu Ed. Functional thin films technology. Boca Raton : CRC Press 2022.  
xiv, 322p. ill.  
SL01655078 978-0-367-54177-4
446. C74 Q8  
Barman Anjan; Sinha Jaivardhan. Spin dynamics and damping in ferromagnetic thin films and nanostructures. Switzerland : Springer 2018.  
xi, 156p. ill.  
SL01655099 978-3-319-66295-4
447. C9B2 R0  
Manini Nicola. Introduction to the physics of matter: Basic atomic, molecular, and solid-state physics. 2. Switzerland : Springer 2020.  
xi, 290p. Col. ill.  
SL01654860 978-3-030-57242-6
448. C9B3 P4;R1  
Bertulani Carlos; Danielewicz Pawal. Introduction to nuclear reactions. 2. Boca Raton : CRC Press 2021.  
ix, 410p. ill.  
SL01655095 978-0-367-35362-9
449. C9B3 P9;Q9  
Martin Brian R; Shaw Graham. Nuclear and particle physics: An introduction. 3. Singapore : Wiley 2019.  
xiv, 499p. Col. ill.  
SL01654930 978-1-119-34461-2

450. C9B3 P9;Q9;2  
Martin Brian R; Shaw Graham. Nuclear and particle physics: An introduction. 3. West Sussex : Wiley 2019.  
xiv, 499p. ill.  
SL01654917 978-1-119-34461-2
451. C9B3 Q5  
Jana Yatramohan. Introduction to nuclear physics. New Delhi : Narosa Publishing House 2015.  
xvi, v.p. ill.  
SL01655082 978-81-8487-398-6
452. C9B3 Q9  
Petrera Sergio. Problems and solution in nuclear and practice physics. Switzerland : Springer 2019.  
xii, 140p. ill.  
SL01655077 978-3-030-19775-9
453. C9B3 R0 Carpa  
Petrangeli Gianni. Nuclear safety. 2nd. Oxford : Elsevier 2020.  
xv, 569p. ill.  
0000P07627 978-0-12-818326-7
454. C9B3 R0;1  
Sanders Wesley C. Atomic force microscopy: Fundamental concepts and laboratory investigations. Boca Raton : Taylor & Francis 2020.  
xiii, 139p. ill.  
SL01655234 978-0-367-21864-5
455. C9B3 R1  
Obertelli Alexandre; Sagawa Hiroyuki. Modern nuclear physics from fundamentals to frontiers. Singapore : Springer 2021.  
xv, 727p. ill.  
SL01655097 978-981-16-2291-5
456. C9B3 R1  
Belyaev Alexander; Ross Douglas. Basics of nuclear and particle physics. Switzerland : Springer 2021.  
xxvii, 401p. ill. (Undergraduate texts in physics)  
SL01655189 978-3-030-80115-1
457. C9B3 R1  
Mambrini Yann. Particles in the dark universe: A students's guide to particle physics and cosmology. Switzerland : Springer 2021.  
xxv,502p. col.ill.  
SL01655454 978-3-030-78138-5
458. C9B3:3 R1  
Suga Shigemasa; Sekiyama Akira; Tusche Christian. Photoelectron spectroscopy: Bulk and surface electronic structures. 2. Switzerland : Springer 2021.  
xxvii, 511p. ill. (Springer series in surface science 72)  
SL01655098 978-3-030-64072-9
459. C9B36 Q8  
Drake R Paul. High energy density physics: Foundation of inertial fusion and experimental astrophysics. 2nd. Berlin : Springer 2018.  
xxiii, 658p. ill. (Graduate texts in physics)  
SL01655470 978-3-319-67710-1
460. C9B58 Q9  
Liu C S; Tripathi V K; Eltasson Bengt. High-power laser plasma interaction. Cambridge : Cambridge University Press 2019.  
xx, 285p. ill.  
SL01655109 978-1-108-48063-5

461. C9D8,6:21 R0  
Cottom Michael G; Haghshenasfard Zahra. Many-Body theory of condensed matter systems: An introductory course. Cambridge : Cambridge University Press 2020.  
xiv, 274p. ill.  
SL01655104 978-1-108-48824-2
462. CK P9  
Hamber Herbert W. Quantum gravitation: The feynman path integral approach (Reprint). Switzerland : Springer 2009.  
xvii, 342p. Col. ill.  
SL01654870 978-3-662-60072-6
463. CK R0 Carpa  
Hamber Herbert W. Quantum gravitation: The feynman path integral approach (Reprint). First South Asian. Berlin : Springer 2020.  
xvii,342p. ill.  
0000P07605 978-3-662-60072-6
464. CM65 R0  
Papachristou Costas J. Introduction to electromagnetic theory and the physics of conducting solids. Switzerland : Springer 2019.  
xii, 246p. ill.  
SL01654898 978-3-030-30995-4
465. CM65 R0  
Ghatak Ajoy; Thyagarajan K; Varshney R K. Problems and solutions in electromagnetics. New Delhi : Viva Book 2020.  
v, 324p. ill.  
SL01655071 978-81-309-3063-3
466. CM65 R1  
Amra Claude; Lequime Michel; Zerrad Myrian. Electromagnetic optics of thin-film coatings. Cambridge : Cambridge University Press 2021.  
xiv, 377p. ill.  
SL01655400 978-1-108-48887-7
467. CN Q6;1  
Parthasarathy R. Introduction to general relativity. New Delhi : Narosa Publishing House 2016.  
viii, 293p. ill.  
SL01655087 - SL01655088 978-81-8487-428-0
468. CN R1 Carpa  
Rahaman Farook Au. General theory of relativity: A mathematical approach. Cambridge : Cambridge University Press 2019.  
xxi,404p. ill.  
0000P07606 978-1-108-83799-6
469. CN01,296 R0  
Shtykov Vitaliy V; Smolskiy Sergey M. Intorduction to quantum electronics and nonlinear optics. Switzerland : Springer 2020.  
xxii, 323p. ill.  
SL01654859 978-3-030-37616-1
470. CN01z7 R1  
Das Ashok. Lectures on quantum field theory. 2. Singapore : World Scientific 2021.  
xvi, 924p. ill.  
SL01654874 978-981-122-216-0

471. CN0aB9:8 Q4  
Bicak Jiri Ed.; Ledvinka Tomas Ed. General relativity, cosmology and astrophysics: Perspectives 100 years after Einstein's stay in prague (Reprint). Switzerland : Springer 2014.  
xv, 535p. ill.  
SL01654867 978-3-030-30151-4
472. CN0aB9:8 R0  
Bicak Jiri Ed.; Ledvinka Tomas Ed. General relativity, cosmology and astrophysics: Perspectives 100 years after Einstein's stay in prague (Reprint). Switzerland : Springer 2020.  
xv,535p. col. ill. (Fundamental Theories of Physics, 177)  
0000P07603 978-3-030-30151-4
473. CN1 N2;R0  
Dittrich Walter; Reuter Martin. Classical and quantum dynamics: From classical path integrals. 6. Switzerland : Springer 2020.  
x, 563p. ill.  
SL01654863 978-3-030-36788-6
474. CN1 P0;Q9  
Basdevant Jean-Louis; Dalibard Jean. Quantum mechanics solver: How to apply quantum theory to modern physics. 3rd. Switzerland : Springer 2019.  
xiii, 352p. ill.  
SL01655150 978-3-030-13726-7
475. CN1 P1;R0 Carpa  
Dittrich Walter Au.; Reuter Martin Au. Classical and quantum dynamics: From classical paths to path intergrals. 6. Switzerland : Springer 2020.  
x,563p. ill.  
0000P07611 978-3-030-36788-6
476. CN1 P1;R1  
Ferry David. Quantum mechanics: An introduction for device physicists and electrical engineers. 3. Boca Raton : CRC Press 2021.  
xii, 313p. ill.  
SL01654918 978-0-367-46727-2
477. CN1 P4;R1 Carpa  
Blinder S M. Introduction to quantum mechanics. 2nd. London : Elsevier 2021.  
xvii, 416p. ill.  
0000P07626 978-0-12-822310-9
478. CN1 Q3  
Dubbers Dirk; Stockmann Hans-Jurgen. Quantum physics: The bottom-up approach. Berlin : Springer 2013.  
xiii, 266p. ill. (Graduate texts in physics)  
SL01655243 978-3-662-60998-9
479. CN1 Q4;2  
Ghosh P K. Quantum mechanics. New Delhi : Narosa Publishing House 2014.  
xvi, v.p. ill.  
SL01655089 978-81-8487-317-7
480. CN1 Q9  
Melnikov Ilarion V. Introduction to two-dimensional quantum field theory with (0,2) supersymmetry. Switzerland : Springer 2019.  
xv, 482p. ill. (Lecture notes in physics 951)  
SL01655182 978-3-030-05083-2

481. CN1 Q9  
Kong Wan K. Quantum mechanics: A fundamental approach. Boca Raton : CRC Press 2019.  
xxiv, 695p. ill.  
SL01655100 978-981-4774-65-9
482. CN1 Q9 Carpa  
Melnikov Ilarion V. An introduction to two-dimensional quantum field theory with (0,2) supersymmetry.  
Switzerland : Springer 2019.  
xv, 482p. ill.  
0000P07618 978-3-030-05085-6
483. CN1 Q9;R2  
Coleman Sidney; Chen Bryan Gin-ge Ed.; Griffiths David Ed.; Derbea David Ed.; Hill Brian Ed.; Sohn  
Richard Ed.; Ting Yuan-Sen Ed. Quantum field theory Lectures of sidney coleman. Singapore : World  
Scientific 2022.  
xli, 1152p. ill.  
SL01655123
484. CN1 Q9;R2 Carpa  
Colman Sidney; Chen Bryan Gin-ge Ed.; Derbes David Ed.; Griffiths David Ed.; Hill Brian Ed.; Sohn  
Richard Ed.; Ting Yuan-Sen Ed. Lectures of sidney coleman on quantum field theory. Singapore : World  
Scientific 2022.  
xli, 1152p. ill.  
0000P07614 978-1-944660-10-9
485. CN1 R0  
Bowers PL. Lectures on quantum mechanics. United kingdom : CUP 2020.  
xxix, 553p. ill.  
SL01654948 978-1-108-42976-4
486. CN1 R0  
Warner M; Cheung A C H. Cambridge quantum mechanics primer. 2. Cambridge : Cambridge  
University Press 2020.  
viii, 118p. ill.  
SL01655105 978-1-8382160-4-7
487. CN1 R0 Carpa  
Pauli Wolfgang Au. General principles of quantum mechanics. First South Asian. Berlin : Springer  
2020.  
xii, 212p. ill.  
0000P07602 978-3-662-60191-4
488. CN1 R1  
Bergou Janos A; Hillery Mark. Quantum information processing: Theory and implementation. 2.  
Switzerland : Springer 2021.  
xvii, 305p. ill.  
SL01654899 978-3-030-75435-8
489. CN1 R1  
Buchbinder Iosif L; Shapiro Ilya. Introduction to quantum field theory with applications to quantum  
gravity. Oxford : Oxford University Press 2021.  
x, 525p. ill.  
SL01654871 978-0-19-883831-9
490. CN1 R1  
Fradkin Eduardo. Quantum field theory. Oxford : Princeton University Press 2021.  
xix, 732p. ill.  
SL01654879 978-0-691-14908-0

491. CN1 R1  
Shapira Yair. Classical and quantum mechanics with lie algebras. Singapore : World Scientific 2021.  
xxxii, 678p. ill.  
SL01654942 978-981-124-145-1
492. CN1 R1  
Capozziello Salvatore; Boskoff Wladimir-Georges. Mathematical journey to quantum mechanics.  
Switzerland : Springer 2021.  
xv, 289p. ill.  
SL01655277 978-3-030-86097-4
493. CN1 R1  
Suekane Fumihiko. Quantum oscillations: A simple principle underlying important aspects of physics.  
Switzerland : Springer 2021.  
xii, 176p. ill.  
SL01655476 978-3-030-70526-8
494. CN1 R1 Carpa  
Sagawa Hiroyuki; Yoshida Nobuaki. Fundamentals of quantum information. Extended edition.  
Singapore : World Scientific 2021.  
xiv, 296p. ill.  
0000P07624 978-981-122-721-9
495. CN1 R2  
Porter Kendrick. Foundations of quantum mechanics. New york : Murrphy & Moore 2022.  
viii, 238p. Col.ill.  
SL01654940 978-1-63987-238-1
496. CN1 R2  
Porter Richard N. Quantum field theory. Singapore : World Scientific 2022.  
xv,267p. ill.  
SL01655341 978-981-123-988-5
497. CN1 R2  
Isham Chris J. Lectures on quantum theory: Mathematical and structural foundations. London : World  
Scientific/Imperial College Press 2022.  
xi, 262p. ill.  
SL01655124 978-1-944659-96-7
498. CN1 R2  
Sivakumar M. Introductory quantum field theory: Concepts and applications. New Delhi : Ane Books  
2022.  
xii, 324p. ill.  
SL01655171 978-93-9065-859-6
499. CN1 R2  
Sharma A C. Textbook on modern quantum mechanics. Boca Raton : CRC Press 2022.  
xv, 430p. ill.  
SL01655169 978-0-367-72344-6
500. CN1 R2  
Komech Alexander. Lectures on quantum mechanics and attractors. Singapore : World Scientific 2022.  
xix, 252p. ill.  
SL01655268 978-981-124-889-4
501. CN1 R2 Carpa  
Porter Richard N. Quantum field theory: An introduction for chemical physicists. Singapore : World  
Scientific 2022.  
xv, 268p. ill.  
0000P07625 9789811239908

502. CN1 R2 Carpa  
Isham Chris J. Lectures on quantum theory: Mathematical and structural foundation. Singapore : World Scientific 2022.  
xi, 262p. ill.  
0000P07615 978-1-944659-96-7
503. CN1 R2;1  
Porter Kendrick. Foundations of quantum mechanics. New York : Murphy & Moore Publishing 2022.  
viii, 238p. ill.  
SL01655342 978-1-63987-238-1
504. CN1:(B7:13) Q9 Carpa  
Nastase Horatiu Au. Classical field theory. Cambridge : Cambridge University Press 2019.  
xx,462p. ill.  
0000P07609 978-1-108-47701-7
505. CN2 P6;R1-;1  
Sethna. Statistical mechanics: Entropy order, parameters & Complexity. 2. United kingdom : Oxford University Press 2021.  
xxvi, 464p. Col. ill. (Oxford master series in statistical computational and theoretical physics)  
SL01654872 - SL01654873 978-0-19-886525-4
506. CN2 P6;R1-;1 Carpa  
Sethna James P Au. Statistical mechanics: Entropy, order parameters and complexity. 22. Oxford : Oxford University Press 2021.  
xxvi,464p. col. ill.  
0000P07596 - 0000P07597 978-0-19-886525-4
507. CN2 P8;4  
Pal Palash B. Introductory course of statistical mechanics. New Delhi : Narosa Publishing House 2008.  
xxii, 372p. ill.  
SL01655083 978-81-7319-864-9
508. CN2 P8;R1 Carpa  
Baus Marc; Tejero Carlos F. Equilibrium statistical physics: Phases, phase transitions, and topological phases. 2. Switzerland : Springer 2021.  
xvi, 437p. ill.  
0000P07612 978-3-030-75431-0
509. CN2 Q0;R2  
Muller-Kirsten H J W. Basic of statistical physics. 3rd. Toh tuck : World Scientific 2022.  
xvi,254p. ill.  
SL01655192 978-981-125-609-7
510. CN2 R0-;1  
Englert Berthold-Georg. Lectures on statistical mechanics. Singapore : World Scientific 2020.  
xix, 287p. ill.  
SL01654875 - SL01654876 978-981-122-554-3
511. CN2 R1  
Kennett Malcolm P. Essential statistical physics. 2021.  
xii,250p. ill.  
SL01655333 978-1-108-48078-9
512. CN2 R1 Carpa  
Kennett Malcolm P. Essential statistical physics. Cambridge : Cambridge University Press 2021.  
xii, 250p. ill.  
0000P07621 978-1-108-48078-9



513. CN26 R0  
Civitarese Osvaldo; Gadella Manuel. Methods in statistical mechanics: A modern view. Switzerland : Springer 2020.  
xi, 180p. ill. (Lecture notes in physics)  
SL01654861 978-3-030-53657-2
514. CN30 P4;P9;11-;13  
Zwiebach Barton. First course in string theory. 2nd. United kingdom : Cambridge University Press 2022.  
xxii,673p. ill.  
SL01655348 - SL01655350 978-0-521-17633-0
515. COaB281 Q2  
Ben-Menahem Yemima; Hemmo Meir. Probability in physics. Switzerland : Springer 2012.  
xii, 321p. Col. ill. (The frontiers collection)  
SL01654869 978-3-662-60059-7
516. CwN18 Q8 Carpa  
Resag Jorg Au. Feynman and his physics: The life and science of an extraordinary man. Switzerland : Springer 2018.  
xii,319p. col.ill.  
0000P07607 978-3-319-96835-3
517. CxM79 Q9-;1  
Kim Young Suh; Noz Marilyn E. New perspectives on einstein's. New Jersey : World Scientific 2019.  
xi, 185p. ill.  
SL01654877 - SL01654878 978-981-3237-70-4
518. CxM79 Q9-;1 Carpa  
Kim Young Suh; Noz Marilyn E. New perspectives on einstein's  $e=mc$ . Singapore : World Scientific 2019.  
xi,185p. col. ill.  
0000P07598 - 0000P07599 978-981-3237-70-4
519. CxM79 R0 Carpa  
Jaroszkiewicz George Au. You can be the next einstein. Singapore : World Scientific 2020.  
xxi,300p. ill.  
0000P07600 978-981-121-209-3
520. D65,8(B) R0 Carpa  
Shen Wen. Introduction to numerical computation. 2. Singapore : World Scientific 2020.  
xv, 322p. ill.  
0000P07617 978-981-120-518-7
521. D65,8(B) R0;1  
Shen Wen. Introduction to numerical computation. 2. Singapore : World Scientific 2020.  
xv, 322p. ill.  
SL01655340 978-981-120-518-7
522. D65,8(B)5 R1  
LaPierre Ray. Introduction to quantum computing. Switzerland : Springer 2021.  
xvi, 366p. Col. ill. (The materials research society series)  
SL01654858 978-3-030-69317-6
523. D7 R2  
Koreshi Zafar Ullah. Nuclear engineering: Mathematical modeling and simulation. London : Academic Press 2022.  
xvi, 531p. ill.  
SL01655177 978-0-323-90618-0

524. E:219 P4;R0  
Martin Richard M. Electronic structure: Basic theory and practical methods. 2nd. Cambridge : Cambridge University Press 2020.  
xxviii, 762p. ill.  
SL01655170 978-1-108-42990-0
525. E:2216 P9;Q4-;1  
Wahab M A. Essentials of crystallography. 2. New Delhi : Narosa Publishing House 2014.  
xix, 335p. ill.  
SL01655085 - SL01655086 978-81-8487-316-0
526. E:26 R2  
Gobouri Adil A; Inamuddin. Electroactive polymeric materials. Boca raton : Routledge 2022.  
xiv,345p. Col.ill.  
SL01655161 978-1-032-00280-4
527. E:3,T5 R2 Carpa  
Blundell Stephen J Ed.; De Renzi Roberto Ed.; Lancaster Tom Ed.; Pratt Francis L Ed. Muon spectroscopy: An introduction. Oxford : Oxford University Press 2022.  
xiii, 410p. ill.  
0000P07622 978-0-19-885896-6
528. E225:(C216) R0;1  
Collings Peter J; Goodby John W. Introduction to liquid crystals: Chemistry and physics. 2. Boca Raton : CRC Press 2020.  
xiii, 517p. ill.  
SL01655070 978-1-138-29876-7
529. E3,T5 R2  
Blundell Stephen J Ed.; De Renzi Roberto Ed.; Lancaster Tom Ed.; Pratt Francis L Ed. Muon spectroscopy: An introduction. Oxford : Oxford University Press 2022.  
xiii, 410p. ill.  
SL01655334 978-0-19-885896-6
530. F9A R2  
Samui Asit Baran. Smart polymers: Basics and applications. Boca Raton : Routledge/ CRC Press 2022.  
xi, 309p. ill.  
SL01655165 978-0-367-48077-6

## STATISTICS

531. B:(T) R2  
Hopkins Tim Au. Efficient methods for valuing in mathematics education. New york : Murphy & Moore 2022.  
vi, 218p. col. ill.  
SL01654976 978-1-63987-180-3
532. B26170bG N7;R1  
Manly Bryan F J; Alberto Jorge A Navarro. Randomization, bootstrap and monte carlo methods in biology. 4. Boca Raton : CRC Press/T&F 2021.  
xix, 337p. ill. (Texts in statistical science)  
SL01655173 978-0-367-34994-3
533. B28 P6;R1 TB28  
Moore David S; McCabe George P; Craig Bruce A. Introduction to the practice of statistics. 10th. New York : Macmillan Learning 2021.  
xxx, 679p. col. ill.  
SL01655188 978-1-3319-38366-4

534. B28 Q0;R2 TB  
 Mohr Donna L; Wilson William J; Freund Rudolf J. Statistical methods. 4. London : Academic Press 2022.  
 xxi, 754p. ill.  
 SL01655222 978-0-12-833043-5
535. B28 Q2;R0  
 Hahs-Vaughn Debbie L; Lomax Richard G. Statistical concepts: A second course. 5th. New York : Routledge 2020.  
 xvii, 763p. ill.  
 SL01655256 978-0-367-20409-9
536. B28 Q4;1 TB  
 Olive David J. Statistical theory and inference. Switzerland : Springer 2014.  
 xii, 434p. ill.  
 SL01655242 978-3-030-39673-2
537. B28 R0  
 Ismay Chester; Kim Albert Y. Statistical inference via data science: A modern Dive into R and the tidyverse. Boca raton : CRC Press 2020.  
 xxx, 430p. Col. ill. (The R series)  
 SL01654967 978-0-367-40982-1
538. B28 R0  
 Hahs-Vaughn Debbie L; Lomax Richard G. Introduction to statistical concepts. 4. New york : Routledge 2020.  
 xvii, 1168p. ill.  
 SL01654969 978-1-138-65055-8
539. B28 R0  
 Haizzing Robert. Modelling spatial and spatial temporal data. Boca raton : CRC/Taylor & Francis 2020.  
 xxvi, 608p. ill.  
 SL01655062 978-1-4822-3742-9
540. B28 R1  
 Broemeling Lyle D. Bayesian analysis of infectious diseases covid-19 and beyond. Boca raton : CRC Press 2021.  
 x, 331p. ill. (Chapman& hall/crc bioststistics series)  
 SL01655055 978-0-367-63386-8
541. B28 R1  
 Mcbee Matthew. Statistical approaches to causal analysis. New Delhi : Sage Publications 2021.  
 xxix, 234p. ill.  
 SL01655227 978-1-5264-2473-0
542. B28 R2  
 Young Isabel. Statistical methodology and result interpretation. brooklyn : States Academic Press 2022.  
 vii, 227p. Col.ill.  
 SL01654924
543. B28 R2  
 Almudevar Aathony. Theory of statistical inference. Boca Raton : CRC Press 2022.  
 xii, 457p. ill. (Texts in statistical science)  
 SL01655327 978-0-367-48875-8
544. B28 R2  
 Andersen Robert; Armstrong II David A. Presenting statistical results effectively. New Delhi : Sage Publication 2022.  
 xxvi, 424p. ill.  
 SL01655196 978-1-4462-6981-7

545. B28,92R Q9-;1  
Xie Yihui. R markdown. Boca raton : CRC Press/Taylor & Francis 2019.  
xxxiv, 303p. ill.  
SL01655060 978-1-138-35933-8
546. B28,92R R0  
Demidenko Eugene. Advanced statistics with applications in R. Hoboken : Wiley 2020.  
xvii, 856p. ill. (Wiley series in probability and statistics)  
SL01655000 978-1-118-38798-6
547. B28,92R R0  
Gerbing D W. R visualizations derive meaning from data. boca raton : CRC Press/Taylor & Francis 2020.  
xii, 237p. ill.  
SL01655061 978-1-138-59963-5
548. B28,92R R0  
Rigby Robert. Distridutions for modeling location, scale and shape. Boca raton : T&F 2020.  
xxviii,560p. ill.  
SL01655183 978-0-367-27884-7
549. B28,92R R1  
Ramachandran Kandethody M; Tsokos Chris P. Mathematical statistics with applications in R. 3. London : Academic Press 2021.  
xxi, 680p. ill.  
SL01655221 978-0-12-817815-7
550. B28,92R R2  
Grosser Malte; Bumann Henning. Advanced R solutions. Boca raton : CRC Press 2022.  
xv, 285p. ill. (The R series)  
SL01654980 978-1-032-00749-6
551. B28,92R R2  
Sahu Sujit K. Bayesian modeling of spatio-temporal data with R. Boca Raton : CRC Press/T&F 2022.  
xxii, 411p. ill. (Chapman & Hall/CRC interdisciplinary statistics)  
SL01655473 978-0-367-27798-7
552. B28:f R1  
Passer Michael W. Reserach methods concepts and connections. 3rd. New York : Macmillan 2021.  
xxxii, 423p. ill.  
SL01655187 978-1-319-38288-9
553. B28:f,92R R3  
Liu Xing. Categorical data analysis and multilevel modeling using R. California : Sage Publication 2023.  
xxxiii, 708p. ill.  
SL01655463 978-1-5443-2490-6
554. B280aS Q8;1  
Brown Jonathon D. Advanced statistics for the behavioral sciences: A computational approach with R. Switzerland : Springer 2018.  
xxi, 526p. ill.  
SL01655265 978-3-319-93547-8
555. B280aX Q1;R0  
Washington Simon. Statistical and econometrics methods for transportation data analysis. 3. Boca raton : CRC Press/Taylor and Francis 2020.  
xviii, 477p. ill.  
SL01655059 978-0-367-19902-9

556. B280bD65,8(3),27 R0-;1  
Kroese Dirk P; Vaisman Radislav. Data science and machine learning. Boca raton : CRC Press 2020.  
xxi, 513p. Col. ill. (Machine learning & pattern recognition series)  
SL01655054 978-1-138-49253-0
557. B280bG R1  
Rosner Gary I.; Johnson Wesley o. Bayesian thinking in biostatistics. Boca raton : CRC Press/Taylor & Francis 2019.  
xix, 601p. ill.  
SL01654936 978-1-4398-0008-9
558. B280bG R1;1  
Rosner Gary L; Laud Purushottam W; Johnson Wesley O. Bayesian thinking in biostatistics. Boca Raton : CRC Press/T&F 2021.  
xix, 601p. ill. (Texts in statistical science)  
SL01655194 978-1-4398-0008-9
559. B280bL R2  
Proschan Michael A. Statistical thinking in clinical trials. Boca raton : CRC Press/Routledge 2022.  
ix,253p. ill.  
SL01655353 978-1-138-05859-0
560. B280bX R2-;3  
Berenson Mark L; Levine David M; Szabat Kathryn A; Stephen David F. Basic business statistics: Concepts and application. 14th. Noida : Pearson 2022.  
828p. ill.  
SL01655111 - SL01655114 978-93-560-6531-4
561. B281 P6;1  
Rosenthal Jeffrey S. First look at rigorous probability theory. 2nd. Singapore : World Scientific 2006.  
xvi, 219p. ill.  
SL01655266 978-981-270-371-2
562. B281 Q9;1  
Blitzstein Joseph K; Hwang Jessica. Introduction to probability. 2nd. Boca Raton : CRC Press/T&F 2019.  
xv, 619p. ill. (Texts in statistical science)  
SL01655257 978-1-138-36991-7
563. B281 R0  
Albert Jim; Hu Jingchen. Probablity and bayesian modeling. Boca Raton : CRC Press/Taylor and Francis 2020.  
xiv, 537p. ill. (Texts in statistical science)  
SL01654993 978-1-138-49256-1
564. B281 R1  
Martin Peter. Linear regression: An introduction to statistical models. London : Sage Publication 2021.  
xxii, 178p. ill.  
SL01655229 978-1-5264-2417-4
565. B281 R2  
Macinnes John. Statistical inference and probability. New Delhi : Sage Publications 2022.  
xiv, 204p. ill.  
SL01655228 978-1-5264-2416-7
566. B2810bD R1  
Haghighi Aliakbar Montazer; Wickramasinghe Indika. Probability, statistics and stochastic processes for engineers scientist. Boca Raton : CRC Press/T&F 2021.  
xiii, 619p. ill. (Mathematical engineering, manufacturing, and management sciences)  
SL01655115 978-0-367-50086-3

567. B2811 R0  
Rosenthal Jeffrey S. First look at stochastic processes. Singapore : World Scientific 2020.  
x, 202p. ill.  
SL01655267 978-0-00-098800-3
568. B2811 R2  
Korostelava Olga. Stochastic processes with R. Boca raton : CRC Press/T&F 2022.  
ix, 190p. Col. ill.  
SL01655472 978-1-032-15373-5
569. B2811,92R R2  
Korosteleva Olga. Stochastic processes with R: An introduction. Boca Raton : CRC Press/T&F 2022.  
ix, 190p. ill. (Texts in statistical science)  
SL01655224 978-1-032-15373-5
570. B2812 R2  
Wright Calanthia Au. New frontiers in statistical distributions. New york : Murphy & Moore 2022.  
vi, 240p. Col. ill.  
SL01654975 978-1-63987-388-3
571. B2812 R2  
Harrer Mathias; Cuijpers Pim; Furukawa Toshi A; Ebert David D. Doing meta analysis with R: A hands  
on guide. New York : CRC Press/Routledge 2022.  
xxvi, 474p. ill.  
SL01655270 978-0-367-61007-4
572. B2817 R2  
Lohr Sharon L. Sampling design & analysis. 3rd. Boca raton : CRC Press/Routledge 2022.  
xxiii, 950p. ill.  
SL01655352 978-0-367-27950-9
573. B2818 Q5;R1  
Burgess Stephen; Thompson Simon G. Mendelian randomization: Methods for causal inference using  
genetic variants. 2. Boca Raton : CRC Press 2021.  
xiii, 225p. ill.  
SL01654987 978-1-032-01951-2
574. B282 R0  
Bhaumik Shovan; Date Paresh. Nonlinear estimation: Methods and applications with deterministic  
sample points. Boca Raton : CRC Press/T&F 2020.  
xxi, 253p. ill.  
SL01655185 978-0-8153-9432-7
575. B284 R1  
Mccoach D Betsy; Cintron Dakota. Introduction to modern modelling methods. London : Sage  
Publication 2021.  
xxiv, 277p. ill.  
SL01655195
576. B286 Q4  
Tsay Ruey S. Multivariate time series analysis: With R and financial applications. New Jersey : Wiley  
2014.  
xvii, 492p. ill. (Wiley series in probability and statistics)  
SL01654991 978-1-118-61790-8
577. B287 Q9  
Broemeling Lyle D. Bayesian analysis of time series. Boca Raton : CRC Press/T&F 2019.  
xi, 280p. ill.  
SL01655186 978-0-367-77999-3

578. B2871 P0  
Congdon Peter D. Bayesian hierarchical models: With applications using R. 2. Boca Raton : CRC Press/Taylor and Francis 2020.  
xi, 579p. ill.  
SL01654994 978-1-4987-8575-4
579. B2871 Q5;R2  
Scutari Macro; Denis Jean-Baptiste. Bayesian network with examples in R. 2. Boca Raton : CRC Press/Routledge 2022.  
xv, 258p. ill. (Texts in statistical science)  
SL01655269 978-0-367-36651-3
580. B2871 R2  
Gray Arthur Ed. Bayesian inference: Statistical and probabilistic mathematics. New York : Murphy & Moore 2022.  
vii, 231p. ill.  
SL01654974 978-1-63987-070-7
581. B2871 R2  
Slater Mel. Bayesian methods in statistics: From concepts to practice. New Delhi : Sage Publications 2022.  
xxvii, 239p. ill.  
SL01655226 978-1-5297-6860-2
582. B2871,92R R0  
Ritz Christian; Jensen Signe Marie; Gerhard Daniel; Streibig Jens Carl. Dose-response analysis using R. Boca Raton : CRC Press /T&F 2020.  
xii, 213p. ill.  
SL01655184 978-1-138-03431-0
583. B288,92R R2  
Brumback Babette A. Fundamentals of casual inference with R. Boca Raton : CRC Press/Routledge 2022.  
xii, 236p. ill. (Texts in statistical science)  
SL01655271 978-0-367-70505-3
584. B2880bL:f R1  
Pradhan Vivek; Gangopadhyay Ashis K; Menon Sandeep M; Basu Cynthia; Banerjee Tathagata. Confidence intervals for discrete data in clinical research. Boca Raton : CRC Press/Routledge 2022.  
xiv, 226p. ill. (Chapman & Hall/CRC biostatistics series)  
SL01655351 978-1-138-04898-0
585. B28M Q2;R0  
Afifi Abdelmonem; May Susanne. Practical multivariate analysis. 6. Boca raton : CRC Press 2020.  
xv, 418p. ill. (text in statistical science)  
SL01654968 978-1-138-70222-6
586. B28M R2  
Ravishanker Nalini. A first course in linear model theory. 2nd. Boca raton : CRC Press/T&F 2022.  
xvi,513p. ill.  
SL01655316 978-1-439-85805-9
587. B28M R2  
Johnson Alicia A; Ott Miles Q; Dogucu Mine. Bayes rules: An introduction to applied bayesian modeling. Boca Raton : CRC Press/T&F 2022.  
xxi, 521p. ill. (Texts in statistical science)  
SL01655474 978-0-367-25539-8

588. B28N L12;R1 TB  
Gibbons Jean Dickinson; Chakraborti Subhabrata. Nonparametric statistical inference. 7th. Boca Raton : CRC Press/T&F 2021.  
xix, 674p. ill.  
SL01655174 978-1-138-08744-6
589. D65,8(B):(S:72) R0  
Boehmke Bradley; Greenwell Brandon. Hands-on machine learning with R. Boca raton : CRC Press 2020.  
xxiv, 459p. Col. ill.  
SL01654977 978-1-138-49568-5
590. D65,8(B)92PY R1  
Kong Qingkai; Siau Timmy; Bayen Alexandre M. Python programming and numerical methods: A guide for engineers & scientists. London : Academic Press 2021.  
xxiv, 456p. ill.  
SL01655197 978-0-12-819549-9
591. D65,8(B)94 Q9  
Holder Allen; Eichholz Joseph. Introduction to computation to computational science. Switzerland : Springer 2019.  
xvi, 470p. ill. (International series in operation research & management science)  
SL01654979 978-3-030-15679-4
592. G:(B28) P0;R2 TB  
Pagano Marcello; Gauvreau Kimberlee; Mattie Heather. Principles of biostatistics. 3rd. Boca Raton : CRC Press/T&F 2022.  
xvi, 604p. ill.  
SL01655223 978-0-367-35580-7
593. G11:(9S:71)R R1  
Curry Edward. Introduction to bioinformatics with R: A practical guide to Biologists. Boca Raton : CRC Press 2021.  
xi, 298p. ill. (Computational biology series)  
SL01654992 9781138495715
594. Y17 Q9  
Anemone Robert L. Race and human diversity: A Biocultural approach. 2. New york : Routledge 2019.  
xii, 227p. ill.  
SL01655053 978-1-138-89449-5
595. Y7:(L) P9;Q9;1  
Kestenbaum Bryan. Epidemiology and biostatistics: An introduction to clinical research. 2. Switzerland : Springer 2019.  
xiv, 277p. ill.  
SL01655258 978-3-319-96642-7
596. Y7:(L) Q9  
Kestenbaum Bryan. Epidemiology and biostatistics: Practics problem workbook. Switzerland : Springer 2019.  
vii, 102p. ill.  
SL01655259 978-3-319-97432-3

## ZOOLOGY

597. E9G N0;Q6  
Voet Donald. Voet's principles of biochemistry. 5. Singapore : Wiley 2018.  
xvi, 1098p. Col. ill.  
SL01654961 978-1-119-45166-2



598. E9G N0;Q6-;2  
Voet Donald. Principles of biochemistry. 5th ed. 2016.  
xvi,1098p. Col.ill.  
SL01655237 - SL01655239 978-1-119-45166-2
599. G:3:(V:76) P4;16-;18  
Dunlap J C; Jennifer Loros. Chronobiology: Biological timekeeping. Usa : Sinauer Associates 2004.  
xix, 406p. Col. ill.  
SL01654842 - SL01654844 978-0-87893-396-9
600. G:5 P6;Q5;3-;7 TK  
Smith Thomas M; Smith Robert M. Elements of ecology. 9. England : Pearson 2015.  
704p. col. ill.  
SL01655455 - SL01655459 978-1-292-07740-6
601. G:6 M4;Q9;2-;4  
Snustad D Peter; Simmons michael. Principles of genetics. 7th. united state : Wiley 2020.  
xx, 627p. Col. ill.  
SL01654845 - SL01654847 978-1-119-65755-2
602. G:6 M4;Q9;5-;6 TK  
simmons snustad. Principles of genetics. 7th. 2019.  
xx,627p. ill.  
SL01655235 - SL01655236 978-1-119-65755-2
603. G:6 M4;Q9;7 TK  
Voet Donald. Principles of biochemistry. 7th ed. Hoboken : Wiley 2019.  
xx, 627p. ill.  
SL01655381 978-1-119-65755-2
604. G:6 N7;R0-;1  
Klug William S; Cummings Michael R; Spencer Charlotte A; Palladino Michael A; Killian Darrell J.  
Concepts of genetics. 12th, Global edition. Harlow : Pearson 2020.  
862p. ill.  
SL01655281 - SL01655282 978-1-292-26532-2
605. G:7 N7;R0-;2  
Gilbert Scott F. Developmental biology. 12. New york : Oxford University Press 2020.  
xxi,664p. Col. ill.  
SL01654839 - SL01654841 978-1-6053-5874-1
606. G11 N5;R1;2  
Lodish Harvey. Molecular cell biology. 9. New york : Macmillan 2021.  
xlili, 1184p. Col.ill.  
SL01655151 - SL01655152 978-1-319-36548-6
607. G11:(9S:71) P1;P4-;2  
Mount David W. Bioinformatics: Sequence and genome analysis. 2. New York : Cold Spring Harbor  
Laboratory Press 2004.  
xii, 692p. ill.  
SL01655153 - SL01655155 81-0239-1241-2
608. G11:(9S:71) P7;4-;6 TY  
Claverie Jean-Michel; Notredame Cedric. Bioinformatic for dummies. 2. Indianapolis : John Wiley 2007.  
xvii, 436p. ill.  
SL01655383 - SL01655385 978-0-470-08985-9
609. G11:(9S:71) R2-;2 TK  
Pevsner Jonathan. Bioinformatics and functional genomics analysis. 3. New Delhi : John Wiley 2022.  
xxx, 10450p. ill.  
SL01655156 - SL01655158 978-93-5464-163-3

610. G11:5 P5;R0-;1  
 Freeland Joanna R. Molecular ecology. 3. Garisington Road : John Wiley 2020.  
 xiii,363p. ill.  
 SL01655252 - SL01655253 978-1-119-42615-8
611. G11:6 P2;10-;11  
 Griffiths Anthony J.F. Modern genetic analysis: Integrating genes and genomes. 2nd. New york :  
 W.H.Freeman & Co Ltd 2002.  
 xix, 736p. Col. ill.  
 SL01654848 - SL01654849 978-0-7167-4382-8
612. G11:6 P2;10-;12 TK  
 Griffiths Anthony J F; Gelbart William M; Lewontin Richard C; Miller Jeffery H. Modern genetics  
 analysis: Integrating genes and genomes. 2nd. New York : Macmillan 2002.  
 xi, 736p. col. ill.  
 SL01655230 - SL01655379 978-0-7167-4382-8
613. G116 M3;Q8;9  
 Krebs Jocelyn E; Goldstein Elliott S; Kilpatrick Stephen T. Lewin's Genes XII. Burlington : Jones &  
 Bartlett Learning 2018.  
 xxv, 837p. col. ill.  
 SL01655159 978-1-284-10449-3
614. K:56 N6-;2  
 Manning Aubrey; Dawkins Marian Stamp. Introduction to animal behaviour. 6. Cambridge : Cambridge  
 University Press 1996.  
 ix, 457p. ill.  
 SL01655118 - SL01655120 978-1-316-61486-0
615. K:56 Q5-;4  
 Mandal Fatik Baran. Textbook of animal behavior. 3. Delhi : PHI Learning 2015.  
 xvii, 389p. ill.  
 SL01654954 - SL01654958 978-81-203-5148-6
616. K:56 Q7-;2  
 Hogan Jerry A. Study of behavior. London : CUP 2017.  
 xi, 371p. ill.  
 SL01654949 - SL01654951 978-1-107-19197-6
617. K:56 Q9;5-;6 TK  
 Rubenstin Dustin R; Alcock John. Animal Behaviour. 11 international ed. Oxford : Oxford University  
 Press 2019.  
 xxi, 480p. col.ill.  
 SL01655121 - SL01655122 978-1-6053-5894-9
618. K:56:(E9G) Q4-;1  
 Wyatt Tristram D. Pheromones and animal behavior: Chemical signals and signatures. 2nd ed.  
 Cambridge : Cambridge University Press 2014.  
 xiv, 406p. ill.  
 SL01655279 - SL01655280 978-0-521-1-11290-1
619. K86 J7;L7.1-.2;12-;13  
 Richards O W; Davies R G. IMM'S A general textbook of entomology. Vol.1"Structure, physiology and  
 development"; Vol 2."Classification and biology". 10th. New York : Springer 1977.  
 viii, 418(Vol.1), 419-1354(Vol.2) ill.  
 SL01654835 - SL01654838 978-81-322-1340-6(Vol.1)
620. K86 Q2-;2  
 Tembhare D B. Mordern entomology. 2. new delhi : Himalaya Publishing House 2020.  
 506p. ill.  
 SL01654832 - SL01654834 978-93-5097-332-5

621. K86:3 M2;P2;1-;2  
Saunders D S. Insect clocks. 3. Amsterdam : Elsevier 2002.  
xv, 560p. ill.  
SL01654906 - SL01654907 0 444 50407-9
622. K860a1 N8;1  
Jolivet Pierre. Interreleation between insects and plants. Boca raton : CRC Press 1998.  
309p. ill.  
SL01655254 978-1-57444-052-2
623. K860a1 N8;2  
Jolivet Pierre. Interreleation between insects and plants. Boca Raton : CRC Press 1998.  
309p. ill.  
SL01655380 978-0-367-40042-2
624. K9,6 N7;R1-;1  
Norris David O; Carr James A. Vertebrate endocrinology. 6th ed. London : Elsevier 2021.  
xvii, 632p. ill.  
SL01655240 - SL01655241 978-0-12-820093-3
625. L6 R0.1-2  
Melmed Shlomo. Williams textbook of endocrinology. Vol- 1-2. 14. New delhi : Elsevier 2020.  
xvi, 866p. ill.  
SL01654959 - SL01654960 978-81-312-6215-3
626. Y:45:86 R0-;1  
Byrd Jason H. Forensic entomology. 3. Boca raton : Routledge/Taylor & Francis Group 2020.  
xxxiv, 585p. Col. ill.  
SL01654952 - SL01654953 978-0-8153-5020-0