

- 515.352 Boubaker, Olfa  
BOQ9 Recent advances in chaotic systems and synchronization: from theory to real world applications / by Olfa  
13654 Boubaker and Sajad Jafari. - UK: Elsevier, 2019.  
xviii, 373p.  
ISBN : 9780128158388.  
1. Chaotic systems. I. Title  
  
13654  
Record No.17575
- 570.15118 Chowell, Gerardo  
CHQ6 Mathematical and statistical modeling for emerging and re-emerging infectious diseases / by Gerardo  
13655 Chowell. - Switzerland: Springer, 2019.  
ix, 356p.  
ISBN : 9783319404110.  
1. Mathematical modeling in biology. I. Title  
  
13655  
Record No.17566
- 530.12 BRQ9 BruB, Dagmar.  
13656 ,13657 Quantum information: from foundations to quantum technology applications / by Dagmar Brub and Gerd  
Leuchs. - Germany: Wiley, 2019.  
xx, 400p.  
2 volumes.  
ISBN : 9783527413539.  
1. Quantum information. I. Title  
  
13656 -vol 1; 13657 -vol 2  
Record No.17565

- 530.12 BRQ9 BruB, Dagmar.  
13656 ,13657 Quantum information: from foundations to quantum technology applications / by Dagmar Brub and Gerd Leuchs. - Germany: Wiley, 2019.  
xx, 400p.  
2 volumes.  
ISBN : 9783527413539.  
1. Quantum information. I. Title  
  
13656 -vol 1; 13657 -vol 2  
Record No.17565
- 514 BOQ7 Broughan, Kevin  
13658 ,13659 Equivalents of the Riemann hypothesis / by Kevin, Broughan. - UK: CUP, 2017.  
xxi, 325p.  
vol 1: Arithmetic equivalents Vol 2: Analytic equivalents.  
ISBN : 9781107197046.  
1. Riemann hypothesis. I. Title  
  
13658 -vol 1; 13659 -vol 2  
Record No.17572
- 514 BOQ7 Broughan, Kevin  
13658 ,13659 Equivalents of the Riemann hypothesis / by Kevin, Broughan. - UK: CUP, 2017.  
xxi, 325p.  
vol 1: Arithmetic equivalents Vol 2: Analytic equivalents.  
ISBN : 9781107197046.  
1. Riemann hypothesis. I. Title  
  
13658 -vol 1; 13659 -vol 2  
Record No.17572
- 536.7 DEQ9 Demirel, Yasar  
13660 Nonequilibrium thermodynamics: transport and rate processes in physical, chemical and biological systems / by Yasar Demirel and Vicent Gerbaud. - 4th ed. - Amsterdam: Elsevier, 2019.  
xxvi, 854p.  
ISBN : 9780444641120.  
1. Nonequilibrium thermodynamics 2. Transport system. I. Title  
  
13660  
Record No.17567

- 539.721 Ahluwalia, Dharam.  
AHQ9 Mass dimension one Fermions / by Dharam Ahluwalia.. - UK: CUP, 2019.  
13661 xxi, 114p.  
ISBN : 9781107094093.  
1. Fermions 2. Atomic mass. I. Title  
  
13661  
Record No.17563
- 620.5 BRQ4 Brien, P O  
13662 Nanoscience: nanostructures through chemistry / by P O Brien and P J Thomas. - UK: Elsevier, 2014.  
ix, 285p.  
Vol 2: nanostructures through chemistry.  
ISBN : 9781849735827.  
1. Nanoscience. I. Title  
  
13662  
Record No.17576
- 620.5 BHQ8 Bhagyaraj, Sneha Mohan  
13663 Application of nanomaterials: advances and key technologies / by Sneha Mohan Bhagyaraj. - UK:  
Elsevier, 2018.  
xvi, 474p.  
1. Nanomaterials-application. I. Title  
  
13663  
Record No.17574
- 610.28 RAQ2 Rauter, A Pilar  
13664 ,13665 Carbohydrate chemistry: Chemical and biological approaches / by A Pilar Rauter and Thisbe Lindhorst. -  
UK: RSC, 2012.  
VOL 38 & 39.  
1. Carbohydrate chemistry. I. Title  
  
13664 -vol 38; 13665 -vol 39  
Record No.17584

- 610.28 RAQ2 Rauter, A Pilar  
13664 ,13665 Carbohydrate chemistry: Chemical and biological approaches / by A Pilar Rauter and Thisbe Lindhorst. - UK: RSC, 2012.  
VOL 38 & 39.  
1. Carbohydrate chemistry. I. Title  
  
13664 -vol 38; 13665 -vol 39  
Record No.17584
- 516.36 TUQ7 Tu, Loring W.  
13263 ,13666 Differential geometry: connections, curvature, and characteristic classes / Loring W Tu.. - Switzerland: Springer, 2017.  
pages cm.  
ISBN : 9783319550824.  
I. Title  
  
13263 ; 13666  
Record No.16987
- 620.116 Richter, Thomas  
RIQ7 Fluid -structure interactions: models, analysis and finite elements / by Thomas Richter. - Germany: Springer, 2017.  
13667 xviii, 436p.  
ISBN : 9783319639697.  
1. Fluid structure interaction. I. Title  
  
13667  
Record No.17580
- 515.9 BRQ7 Bracci, Filippo  
13668 Geometric function theory in higher dimension / by Filippo Bracci. - Italy: Springer, 2017.  
xi, 182p.  
ISBN : 9783319731254.  
1. Geometric function theory. I. Title  
  
13668  
Record No.17579

- 510 NAQ6 Nash, Jhon Forbes  
13669 Open problems in mathematics / by John Forbes Nash and Michael Th Rassias. - Switzerland: Springer, 2018.  
xiii, 543p.  
ISBN : 9783319321608.  
1. Mathematics-problems. I. Title
- 13669  
Record No.17578
- 516.36 BAQ8 Ballmann, Werner  
13670 Introduction to geometry and topology / by Werner ballmann. - Germany: Birkhauser, 2018.  
x, 169p.  
ISBN : 9783034809825.  
1. Geometry and topology. I. Title
- 13670  
Record No.17577
- 515.8 ANQ4 Andreescu, Titu  
13671 Essential linear algebra with applications: a problem solving approach / by Titu Andreescu. - New York: Springer, 2014.  
x, 490p.  
1. Linear algebra. I. Title
- 13671  
Record No.17583
- 515.42 LAQ7 Laczkovich, Milos  
13672 Real analysis: series, functions of several variables and applications / by Miklos Laczkovich. - Hungary: Springer, 2017.  
ix, 392p.  
ISBN : 9781493973675.  
1. Real analysis. I. Title
- 13672  
Record No.17582

- 515.984  
COQ7  
13673
- Cooper, Shaun  
Ramanujan's theta functions / by Shaun Cooper. - Newzealand: Springer, 2017.  
xviii, 687p.  
ISBN : 9783319561714.  
1. Ramanujan's theta functions. I. Title
- 13673  
Record No.17581
- 516.373  
JOQ7  
13675
- Jost, Jurgen.  
Riemannian geometry and geometric analysis / by Jurgen Jost.. - 7th ed.. - Germany: Springer, 2017.  
xiv, 697p.  
ISBN : 9783319618539.  
1. Riemannian geometry. I. Title
- 13675  
Record No.17569
- 510 CAQ7  
13676
- Caminha, Antonio  
An Excursion through elementary mathematics: real numbers and functions / by Antonio Caminha Muniz Neto. - Brazil: Springer, 2017.  
xiii, 652p.  
vol 1: real numbers and functions.  
1. Elementary mathematics. I. Title
- 13676 -vol 1  
Record No.17568
- 570.15118  
HAQ7  
13677
- Hadeler, Karl Peter  
Topics in mathematical biology / by Karl Peter Hadeler. - Germany: springer, 2017.  
xiv, 353p.  
ISBN : 9783319656205.  
1. Mathematical biology. I. Title
- 13677  
Record No.17571

- 530.1435 Hamilton, Mark J D  
HAQ7  
13678  
Mathematical gauge theory: with applications to the standard model of particle physics / by Mark JD Hamilton. - Germany: Springer, 2017.  
xviii, 657p.  
ISBN : 9783319684383.  
1. Mathematical gauge theory. I. Title  
  
13678  
Record No.17570
- 516.07 SAQ6 Saramito, Pierre  
13679  
Complex fluids: modeling and algorithms / by Pierre Saramito. - Switzerland: Springer, 2016.  
xvi, 276p.  
ISBN : 9783319443614.  
1. Complex fluids. I. Title  
  
13679  
Record No.17562
- 512.62 SCQ8 Schwede, Stefan  
13789  
Global homotopy theory / By Stefan Schwede. - UK: CUP, 2018.  
xviii, 828p.  
ISBN : 9781108425810.  
1. Homotopy theory. I. Title  
  
13789  
Record No.17561
- 515.35 CAQ7 Carlson, James.  
13790  
Period mappings and period domains / by James Carlson, Stefan Muller-Stach, and Chris Peters. - 2nd ed. - UK: CUP, 2017.  
xiv, 562p.  
ISBN : 9781316639566.  
1. Period mappings 2. Period domains. I. Title  
  
13790  
Record No.17560

- 330.01 BAQ8 Baaquie, Belal Ehsan  
13792 Quantum field theory for economics and finance / by Belal Ehsan Baaquie. - UK: CUP, 2018.  
xxvi, 690p.  
ISBN : 9781108423151.  
1. Economics. I. Title  
  
13792  
Record No.17553
- 530.143 Ottinger, Hans Christian  
OTQ7 A Philosophical approach to quantum field theory / by Hans Christian Ottinger. - New York: CUP, 2017.  
13793 xiii, 259p.  
ISBN : 9781108415118.  
1. Quantum field theory. I. Title  
  
13793  
Record No.17556
- 539.72 BIQ8 Bianchini, Lorenzo  
13794 Selected exercises in particle and nuclear physics / by Lorenzo Bianchini. - Italy: Springer, 2018.  
xiv, 364p.  
ISBN : 9783319704937.  
1. Particle physics 2. Nuclear physics. I. Title  
  
13794  
Record No.17493
- 523.8875 Will, Clifford M  
WIQ8 Theory and experiment in gravitational physics / by Clifford M Will. - 2nd ed. - UK: CUP, 2018.  
13795 x, 350p.  
ISBN : 9781107117440.  
1. Gravitation. I. Title  
  
13795  
Record No.17557



- 530.15 BOQ8 Boccaletti, Stefano.  
13797 Synchronization: from coupled systems to complex networks / by Stefano Boccaletti, Alexander N Pisarchik, Charo I Del Genio, and Andreas Amann. - Singapore: CUP, 2018.  
x, 255p.  
ISBN : 9781107056268.  
1. Nonlinear theories 2. Synchronization 3. Pattern formation. I. Title
- 13797  
Record No.17492
- 530.1133 Fischer- Cripps , A C  
FIR0 waves, particles and fields: introducing quantum field theory/. - Boca Raton: CRC Press, 2020.  
13798 x,338p.  
ISBN : 9780367198763.  
1. Waves, particles. I. Title
- 13798  
Record No.17555
- 530.12 VEQ7 Vecchiato, Alberto  
13799 Variational approach to gravity field theories: From Newton to Einstein and beyond / by Alberto Vecchiato. - Italy: Springer, 2017.  
xii, 361p.  
ISBN : 9783319512099.  
1. Gravity field theory. I. Title
- 13799  
Record No.17491
- 530.12 PUQ7 Puri, Ravinder R  
13800 Non-relativistic quantum mechanics / by Ravinder R Puri. - UK: CUP, 2017.  
xvii, 438p.  
ISBN : 9781107164369.  
1. Quantum mechanics. I. Title
- 13800  
Record No.17489

- 530.11 LYQ7 Lyth, David  
13801 The Road to Einstein's relativity / by David Lyth. - Boca Raton: CRC Press, 2019.  
vii, 160p.  
ISBN : 9780367002534.  
1. Relativity. I. Title  
  
13801  
Record No.17490
- 539.72 WIQ5 Wiedemann, Helmut.  
13802 Particle accelerator physics / by Helmut Wiedemann. - 4th ed.. - New York: Springer, 2015.  
xxiv, 1021p.  
ISBN : 9783319183169.  
1. Particle physics. I. Title  
  
13802  
Record No.17558
- 530 SCQ8 Schwichtenberg, Jakob  
13803 Physics from symmetry / by Jakob Schwichtenberg.. - 2nd ed.. - Switzerland: CUP, 2018.  
xxi, 286p.  
ISBN : 9783319666303.  
1. Symmetry. I. Title  
  
13803  
Record No.17554
- 530.13 KRQ7 Kruger, Timm.  
13804 The Lattice Boltzmann method: principles and practice / by Timm Kruger and others. - Switzerland:  
Springer, 2017.  
xxiv, 694p.  
ISBN : 9783319446479.  
1. Boltzmann method. I. Title  
  
13804  
Record No.17559

530.417 Deo, Prosenjit Singha

DER1 Mesoscopic route to time travel / by Prosenjit Sngha Deo. - Singapore: Springer, 2021.

13987

xiii, 116p.

ISBN : 9789811644641.

1. Mesoscopic route. I. Title

13987

Record No.17573