

# UNIVERSITY OF SAN CARLOS

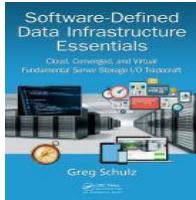
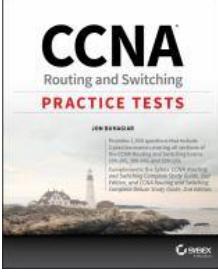
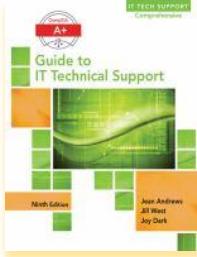
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Science & Technology Section

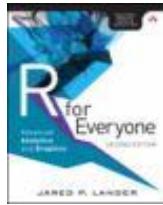
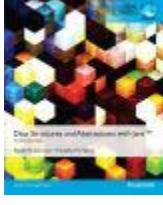


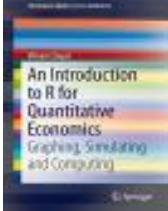
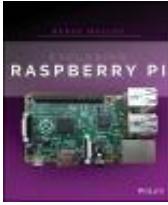
## *Acquisitions List: School of Arts and Sciences* 2<sup>nd</sup> Semester 2018-2019

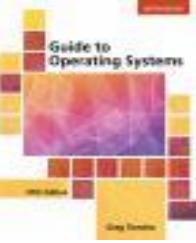
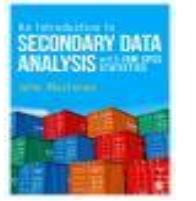
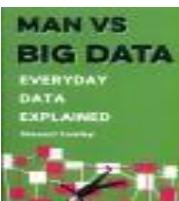
### Computer Science, Information Science & Related Subject Area (001-006)

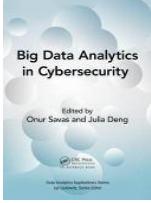
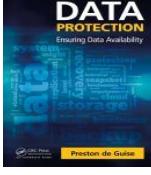
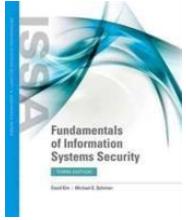
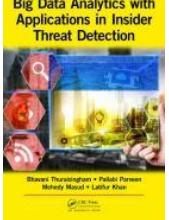
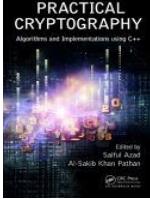
The cover of the book "Qualitative Research in Digital Environments: A Research Toolkit" by Alessandro Caliandro and Alessandro Grandin. It features a colorful, abstract graphic of overlapping circles in red, blue, yellow, and green.	<p>Caliandro, A. (2017). <b><i>Qualitative research in digital environments : A research toolkit.</i></b> New York, NY : Routledge, Taylor &amp; Francis Group. <b>{001.42/C12}</b></p>
The cover of the book "Research Methods: Information, Systems, and Contexts" (Second Edition) edited by Kristy Wilkinson and Grawe Johnson. It features a large blue circular graphic with a central red dot.	<p><b><i>Research methods : Information, systems, and contexts.</i></b>(2018). 2<sup>nd</sup> ed. Cambridge, Massachusetts : Chandos Publishing (CP) an imprint of Elsevier. <b>{001.42/R31}</b></p>
The cover of the book "User Research: A practical guide to designing better products and services" by Stephen Marsh. It features a green background with a grid of white circles at the bottom.	<p>Marsh, S. (2018). <b><i>User research : A practical guide to designing better products and services.</i></b> London : Kogan Page. <b>{ 004.019/M35}</b></p>

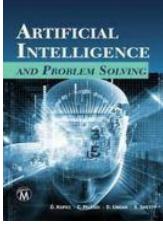
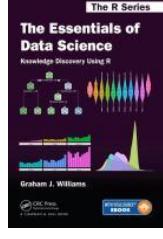
	<p>Andrews, J. (2012). <b>A+ guide to managing and maintaining your PC with lab exercises : Hardware.</b> 2<sup>nd</sup> ed. Andover : Cengage Learning. {004.16/An26}</p>
	<p>Schulz, G. (2017). <b>Software-defined data infrastructure essentials : Cloud, converged, and virtual fundamental server storage I/O tradecraft.</b> Boca Raton, FL : CRC Press. {004.6/Sch83}</p>
	<p>Buhagiar, J. (2017). <b>CCNA routing and switching practice tests.</b> Indianapolis, Indiana : Sybex, a Wiley brand. {004.6076/B86}</p>
	<p>Andrews, J. (2017). <b>CompTia A+ guide to IT technical support.</b> 9<sup>th</sup> ed. Australia : Cengage Learning. {004/An26}</p>
	<p>Kernighan, B. (2017). <b>Understanding the digital world : What you need to know about computers, the Internet, privacy, and security.</b> Princeton, New Jersey : Princeton University Press. {004/K45}</p>

	<p>Farrell, J. (2018). <b><i>Microsoft visual C# 2017 : An introduction to object-oriented programming.</i></b> 7<sup>th</sup> ed. Australia : Cengage Learning. <a href="#"><b>{005.117/F24}</b></a></p>
	<p>Sharma, S. (2017). <b><i>The DevOps adoption playbook : A guide to adopting DevOps in a multi-speed IT enterprise.</i></b> <a href="#"><b>{005.12/Sh23}</b></a></p>
	<p>Lander, J. (2017). <b><i>R for everyone : Advanced analytics and graphics.</i></b> 2<sup>nd</sup> ed. Boston : Addison-Wesley. <a href="#"><b>{005.13/L23}</b></a></p>
	<p>Carrano, F. (2016). <b><i>Data structures and abstractions with Java.</i></b> 4<sup>th</sup> ed. Boston : Pearson Education. <a href="#"><b>{005.133/C23}</b></a></p>
	<p>Dale, N. (2018). <b><i>Object-oriented data structures using Java.</i></b> 4<sup>th</sup> ed. Burlington, MA : Jones &amp; Bartlett Learning. <a href="#"><b>{005.133/D15}</b></a></p>

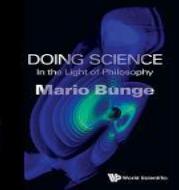
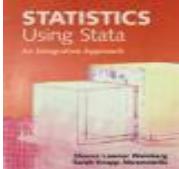
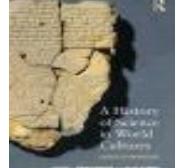
	<p>Dayal, V. (2015). <i>An introduction to R for quantitative economics : Graphing, simulating and computing</i>. New Delhi : Springer. <a href="#">{005.133/D33}</a></p>
	<p>Malik, D. S. (2018). <i>C++ programming : from problem analysis to program design</i>. 8<sup>th</sup> ed. Australia : Cengage Learning. <a href="#">{005.133/M29}</a></p>
	<p>Franceschi, H. (2018). <i>Android app development</i>. Burlington, MA : Jones &amp; Bartlett Learning. <a href="#">{005.3/F84}</a></p>
	<p>Molloy, D. (2016). <i>Exploring Raspberry Pi : Interfacing to the real world with embedded Linux</i>. Indianapolis, Indiana : John Wiley &amp; Sons, Inc.. <a href="#">{005.3/M73}</a></p>
	<p>Foxwell, H. (2016). <i>Oracle Solaris 11.2 system administration handbook</i>. New York : McGraw-Hill Education. <a href="#">{005.43/F83}</a></p>
	<p>Garg, R. (2017). <i>Operating systems : An introduction</i>. Dulles, Virginia : Mercury Learning and Information. <a href="#">{005.43/G18}</a></p>

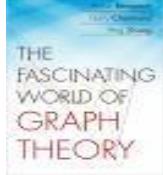
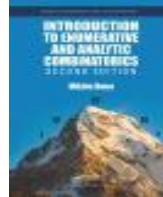
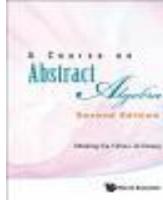
	<p>Tomsho, G. (2017). <b><i>Guide to operating systems</i></b>. 5<sup>th</sup> ed. Australia : Cengage Learning. <a href="#">{005.43/T59}</a></p>
	<p>Cronk, B. (2018). <b><i>How to use SPSS : A step-by-step guide to analysis and interpretation</i></b>. 10<sup>th</sup> ed. New York, NY : Routledge. <a href="#">{005.55/C88}</a></p>
	<p>MacInnes, J. (2017). <b><i>An introduction to secondary data analysis with IBM SPSS statistics</i></b>. Los Angeles : Sage Publications Ltd. <a href="#">{005.55/M18}</a></p>
	<p><b><i>Big data analytics for sensor-network collected intelligence</i></b>. (2017). London : Academic Press; An imprint of Elsevier. <a href="#">{005.7/B48}</a></p>
	<p>Cowley, S. (2017). <b><i>Man vs big data : Everyday data explained</i></b>. London : Aurum Press. <a href="#">{005.7/C83}</a></p>
	<p>Eito-Brun, R. (2018). <b><i>XML-based content management : Integration, methodologies, and tools</i></b>. Cambridge, Massachusetts : Chandos Publishing (CP), an imprint of Elsevier. <a href="#">{005.74/Ei96}</a></p>

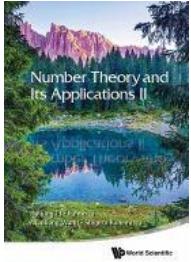
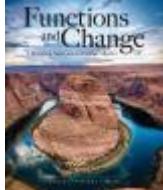
	<p>Andress, J. (2017). <b><i>Building a practical information security program.</i></b> Amsterdam : Elsevier. <a href="#"><b>{005.8/An25}</b></a></p>
	<p><b><i>Big data analytics in cybersecurity.</i></b> (2017). Boca Raton : CRC Press, Taylor &amp; Francis Group. <a href="#"><b>{005.8/B48}</b></a></p>
	<p>De Guise, P. (2017). <b><i>Data protection : Ensuring data availability.</i></b> Boca Raton, FL : CRC Press. <a href="#"><b>{005.8/D36}</b></a></p>
	<p>Kim, D. (2018). <b><i>Fundamentals of information systems security.</i></b> 3<sup>rd</sup> ed. Burlington, MA : Jones &amp; Bartlett Learning. <a href="#"><b>{005.8/K56}</b></a></p>
	<p>Thuraisingham, B. (2018). <b><i>Big data analytics with applications in insider threat detection.</i></b> Boca Raton : CRC Press, Taylor &amp; Francis. <a href="#"><b>{005.8/T42}</b></a></p>
	<p><b><i>Practical cryptography : Algorithms and implementations using C++.</i></b> (2015). Boca Raton, FL : CRC Press, Taylor &amp; Francis Group. <a href="#"><b>{005.82/P88}</b></a></p>

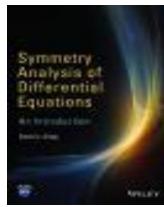
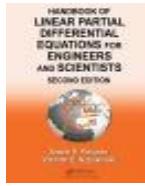
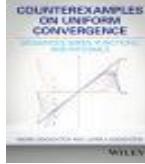
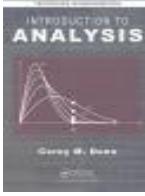
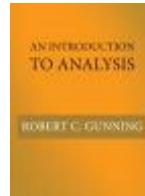
	<p>Kopec, D. (2017). <i>Artificial intelligence and problem solving</i>. Dulles, Virginia : Mercury Learning and Information. <a href="#">{006.3/K83}</a></p>
	<p>Ignatow, G. (2018). <i>An introduction to text mining : Research design, data collection, and analysis</i>. Los Angeles, California : SAGE. <a href="#">{006.312/Ig5}</a></p>
	<p>Williams, G. (2017). <i>The essentials of data science : Knowledge discovery using R</i>. Boca Raton, Florida : Taylor &amp; Francis, CRC Press. <a href="#">{006.312/W67}</a></p>
	<p>Gordon, V. S. (2017). <i>Computer graphics programming in OpenGL with Java</i>. Dulles, Virginia : Mercury Learning and Information. <a href="#">{006.693/G65}</a></p>

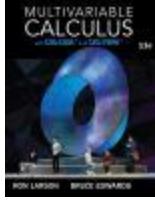
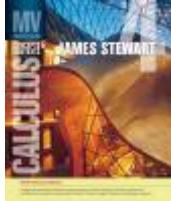
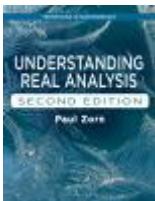
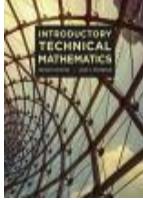
## Natural Sciences /Mathematics and Allied Sciences (500-529)

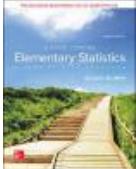
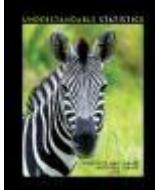
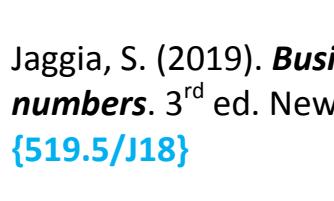
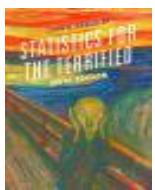
	Bunge, M. (2017). <b><i>Doing science : In the light of philosophy.</i></b> New Jersey : World Scientific. <a href="#">{501/B88}</a>
	Weinberg, S. (2016). <b><i>Statistics using stata : An integrative approach.</i></b> United Kingdom : Cambridge University Press. <a href="#">{509.5028553/W43}</a>
	Montgomery, S. (2016). <b><i>A history of science in world cultures : Voices of knowledge.</i></b> London : Routledge, Taylor & Francis Group. <a href="#">{509/M76}</a>
	<b><i>Oxford illustrated history of science.</i></b> (2017). 1 <sup>st</sup> ed. Oxford, United Kingdom : Oxford University Press. <a href="#">{509/Ox2}</a>
	Linnebo, O. (2017). <b><i>Philosophy of mathematics.</i></b> Princeton, New Jersey : Princeton University Press. <a href="#">{510.1/L64}</a>
	Kennamer, M. (2017). <b><i>Math for health care professionals.</i></b> 2 <sup>nd</sup> ed. Australia : Cengage Learning. <a href="#">{510.2461/K36}</a>

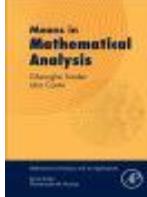
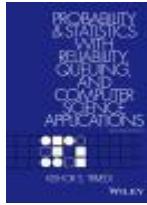
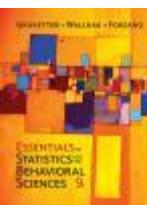
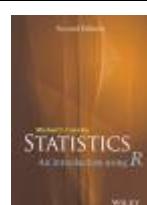
	<p>Dixon, M. (2015). <i>An introduction to essential algebraic structures</i>. New Jersey : John Wiley &amp; Sons. <a href="#"> {511.33/D64}</a></p>
	<p><i>Handbook of proofs and theorems.</i> (2017). New York : Arcler Press. <a href="#"> {511.36/H19}</a></p>
	<p>Benjamin, A. (2015). <i>The fascinating world of graph theory</i>. Princeton : Princeton University Press. <a href="#"> {511.5/B43}</a></p>
	<p>Rigo, M. (2016). <i>Advanced graph theory and combinatorics</i>. London, UK : ISTE Ltd. <a href="#"> {511.5/R44}</a></p>
	<p>Bóna, M. (2016). <i>Introduction to enumerative and analytic combinatorics</i>. 2<sup>nd</sup> ed. Boca Raton : CRC Press, Taylor &amp; Francis Group. <a href="#"> {511.62/B64}</a></p>
	<p>Eie, M. (2018). <i>A course on abstract algebra</i>. 2<sup>nd</sup> ed. New Jersey : World Scientific. <a href="#"> {512.02/Ei31}</a></p>
	<p>Flanders, J. (2010). <i>Advanced algebra</i>. Chicago : McGrawHill, Wright Group,. <a href="#"> {512.07/F61 v.1}</a></p>

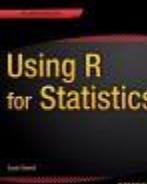
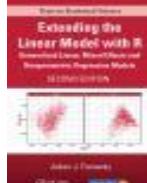
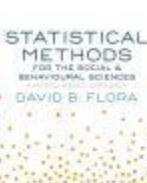
	Flanders, J. (2010). <i>Advanced algebra</i> . Chicago : McGrawHill, Wright Group,. {512.07/F61 v.2}
	Hill, R. (2018). <i>Introduction to number theory</i> . New Jersey : World Scientific. {512.7/H55}
	Li, H. (2018). <i>Number theory and its applications II</i> . New Jersey : World Scientific. {512.7/L61}
	Crauder, B. (2018). <i>Functions and change : A modeling approach to college algebra</i> . 6 <sup>th</sup> ed. Australia : Cengage Learning. {512.9/C85}
	Lial, M. (2014). <i>Beginning algebra</i> . 11 <sup>th</sup> ed. Singapore : Pearson Education South Asia. {512.9/L61}
	Hata, M. (2017). <i>Problems and solutions in real analysis</i> . 2 <sup>nd</sup> ed. Singapore : World Scientific. {515.076/H28}
	3G E-Learning. (2018). <i>Principles of fourier analysis</i> . New York, NY : 3G E-Learning LLC. {515.2433/T41}

	<p>Deng, Y. (2018). <b>Lectures, problems, and solutions for ordinary differential equations</b>. 2<sup>nd</sup> ed. New Jersey : World Scientific. <a href="#">{515.325/D41}</a></p>
	<p>Arrigo, D. (2015). <b>Symmetry analysis of differential equations : An introduction</b>. Hoboken, New Jersey : Wiley. <a href="#">{515.353/Ar69}</a></p>
	<p>Polyanin, A. D. (2016). <b>Handbook of linear partial differential equations for engineers and scientists</b>. 2<sup>nd</sup> ed. Boca Raton : CRC Press. <a href="#">{515.4/P76}</a></p>
	<p>Bourchtein, A. (2017). <b>Counterexamples on uniform convergence : Sequences, series, functions, and integrals</b>. Hoboken, New Jersey : Wiley. <a href="#">{515/B66}</a></p>
	<p>Dunn, C. (2017). <b>Introduction to analysis</b>. Boca Raton : CRC Press, Taylor &amp; Francis Group. <a href="#">{515/D92}</a></p>
	<p>Gunning, R. (2018). <b>An introduction to analysis</b>. New Jersey : Princeton University Press. <a href="#">{515/G95}</a></p>

	<p>Larson, R. (2018). <b>Multivariable calculus : With calcchat and calcview.</b> 11<sup>th</sup> ed. Australia : Cengage Learning. <a href="#">{515/L32}</a></p>
	<p>Stewart, J. (2019). <b>Multivariable calculus : Concepts and contexts.</b> 4<sup>th</sup> ed. Australia : Cengage Learning. <a href="#">{515/St49}</a></p>
	<p>Zorn, P. (2018). <b>Understanding real analysis.</b> 2<sup>nd</sup> ed. Boca Raton, Florida : Taylor &amp; Francis. <a href="#">{515/Z77}</a></p>
	<p>Serres, M. (2017). <b>Geometry : The third book of foundations.</b> London : Bloomsbury Academic. <a href="#">{516.02/Se68}</a></p>
	<p><b>Essentials of geometry.</b> (2017). New York, NY : Larsen and Keller. <a href="#">{516/Es74}</a></p>
	<p>Peterson, J. (2019). <b>Introductory technical mathematics.</b> 7<sup>th</sup> ed. Australia : Cengage Learning. <a href="#">{516/P44}</a></p>

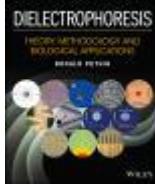
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	<p>Dalgaard, P. (2008). <b>Introductory statistics with R</b>. 2<sup>nd</sup> ed. New York : Springer. <a href="#">{519.502855133/D15}</a></p>

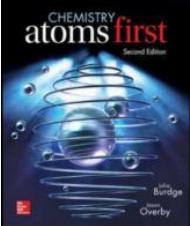
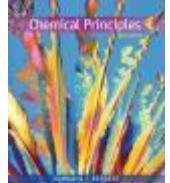
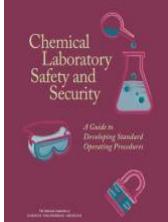
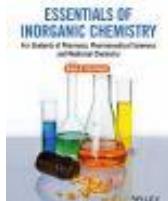
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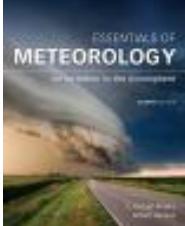
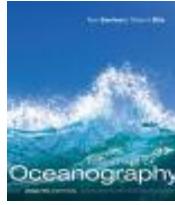
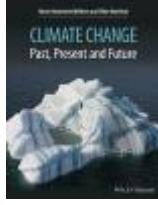
## Physics (530)

	<p>Dunn, P. (2018). <b><i>Measurement and data analysis for engineering and science</i></b>. 4<sup>th</sup> ed. Boca Raton, Florida: Taylor &amp; Francis, CRC Press. <b>{530.8/D92}</b></p>
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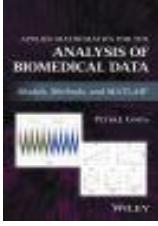
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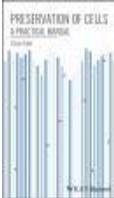
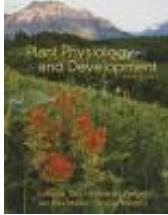
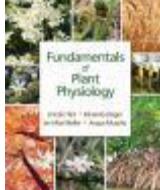
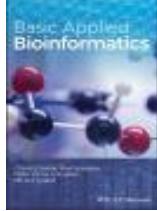
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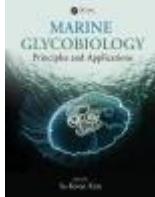
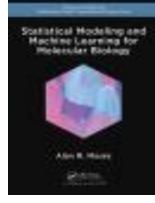
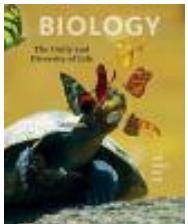
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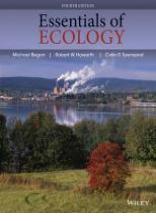
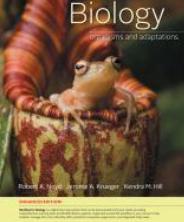
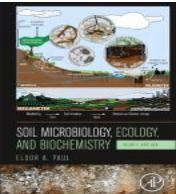
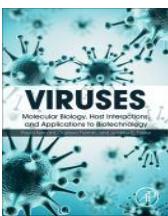
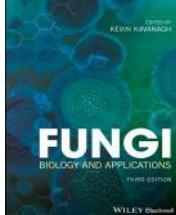
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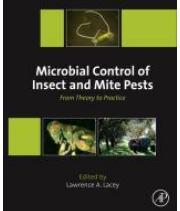
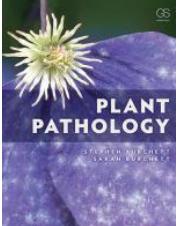
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	Costa, P. (2017). <i>Applied mathematics for the analysis of biomedical data : Models, methods, and MATLAB</i> . Hoboken, New Jersey : Wiley. {570.151/C82}
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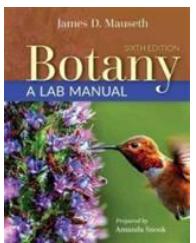
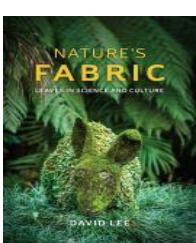
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	<p>Hubel, A.(2018). <b>Preservation of cells : A practical manual.</b> Hoboken, New Jersey : John Wiley &amp; Sons. {571.634/H86}</p>
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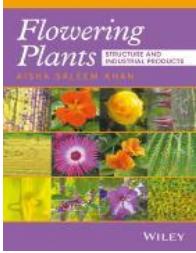
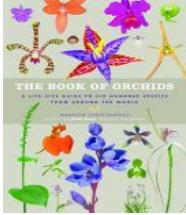
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	<p><b>Soil microbiology, ecology and biochemistry.</b> (2015). 4<sup>th</sup> ed. Amsterdam : Academic Press is an imprint of Elsevier. <a href="#">{579.1757/So34}</a></p>
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	<p><b>Fungi : Biology and applications.</b> (2018). 3<sup>rd</sup> ed. Hoboken, New Jersey : Wiley. <a href="#">{579.5/F96}</a></p>

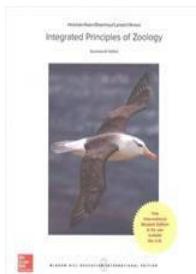
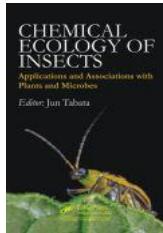
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	<p>Mauseth, J. (2017). 6<sup>th</sup> ed. <b><i>Botany : A lab manual.</i></b> Burlington, MA : Jones &amp; Bartlett Learning. <b>{580/M44}</b></p>
	<p>Lee, D. (2017). <b><i>Nature's fabric : Leaves in science and culture.</i></b> Chicago, Illinois : The University of Chicago Press.  <b>{ 581.48/L51}</b></p>

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## Animals/Zoology (590)

	<p>Hickman, C. (2017). <b><i>Integrated principles of zoology.</i></b> 17<sup>th</sup> ed. New York, NY : McGraw-Hill Education. {590/H52}</p>
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