



UNIVERSITY OF SAN CARLOS

The Library System
Science & Technology Section





Acquisitions List: School of Engineering 2nd Semester 2018-2019





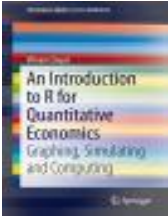
Engineering & Allied Operations



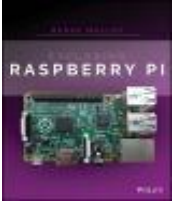



	<p>Leach, J. (2010). <i>AutoCAD 2010 instructor : A student guide to complete coverage of AutoCAD's commands and features.</i> Burr Ridge, IL : McGraw Hill Higher Education. {620.00420285536/L46}</p>
	<p>Ashby, M. F. (2017). <i>Materials selection in mechanical design.</i> 5th ed. Amsterdam, United Kingdom : Elsevier. {620.11/As34}</p>
	<p><i>Chemoresponsive materials : Stimulation by chemical and biological signals.</i> (2015). Cambridge, UK : Royal Society of Chemistry. {620.11/C42}</p>

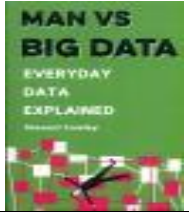
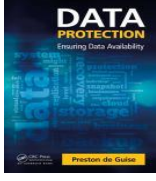
Computer Engineering & Related Subject Area

	<p>Caliandro, A. (2017). <i>Qualitative research in digital environments : A research toolkit</i>. New York, NY : Routledge, Taylor & Francis Group. {001.42/C12}</p>
	<p><i>Research methods : Information, systems, and contexts</i>.(2018). 2nd ed. Cambridge, Massachusetts : Chandos Publishing (CP) an imprint of Elsevier. {001.42/R31}</p>
	<p>Marsh, S. (2018). <i>User research : A practical guide to designing better products and services</i>. London : Kogan Page. {004.019/M35}</p>
	<p>Andrews, J. (2012). <i>A+ guide to managing and maintaining your PC with lab exercises : Hardware</i>. 2nd ed. Andover : Cengage Learning. {004.16/An26}</p>

	<p>Schulz, G. (2017). <i>Software-defined data infrastructure essentials : Cloud, converged, and virtual fundamental server storage I/O tradeoffs</i>. Boca Raton, FL : CRC Press. {004.6/Sch83}</p>
	<p>Buhagiar, J. (2017). <i>CCNA routing and switching practice tests</i>. Indianapolis, Indiana : Sybex, a Wiley brand. {004.6076/B86}</p>
	<p>Andrews, J. (2017). <i>CompTia A+ guide to IT technical support</i>. 9th ed. Australia : Cengage Learning. {004/An26}</p>
	<p>Kernighan, B. (2017). <i>Understanding the digital world : What you need to know about computers, the Internet, privacy, and security</i>. Princeton, New Jersey : Princeton University Press. {004/K45}</p>
	<p>Farrell, J. (2018). <i>Microsoft visual C# 2017 : An introduction to object-oriented programming</i>. 7th ed. Australia : Cengage Learning. {005.117/F24}</p>

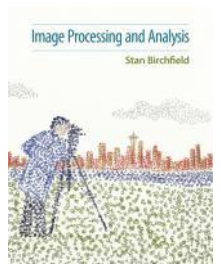

	<p>Sharma, S. (2017). <i>The DevOps adoption playbook : A guide to adopting DevOps in a multi-speed IT enterprise.</i> {005.12/Sh23}</p>
	<p>Lander, J. (2017). <i>R for everyone : Advanced analytics and graphics.</i> 2nd ed. Boston : Addison-Wesley. {005.13/L23}</p>
	<p>Carrano, F. (2016). <i>Data structures and abstractions with Java.</i> 4th ed. Boston : Pearson Education. {005.133/C23}</p>
	<p>Dale, N. (2018). <i>Object-oriented data structures using Java.</i> 4th ed. Burlington, MA : Jones & Bartlett Learning. {005.133/D15}</p>
	<p>Dayal, V. (2015). <i>An introduction to R for quantitative economics : Graphing, simulating and computing.</i> New Delhi : Springer. {005.133/D33}</p>

	<p>Malik, D. S. (2018). <i>C++ programming : from problem analysis to program design</i>. 8th ed. Australia : Cengage Learning. {005.133/M29}</p>
	<p>Franceschi, H. (2018). <i>Android app development</i>. Burlington, MA : Jones & Bartlett Learning. {005.3/F84}</p>
	<p>Molloy, D. (2016). <i>Exploring Raspberry Pi : Interfacing to the real world with embedded Linux</i>. Indianapolis, Indiana : John Wiley & Sons, Inc.. {005.3/M73}</p>
	<p>Foxwell, H. (2016). <i>Oracle Solaris 11.2 system administration handbook</i>. New York : McGraw-Hill Education. {005.43/F83}</p>
	<p>Garg, R. (2017). <i>Operating systems : An introduction</i>. Dulles, Virginia : Mercury Learning and Information. {005.43/G18}</p>
	<p><i>Big data analytics for sensor-network collected intelligence</i>. (2017). London : Academic Press; An imprint of Elsevier. {005.7/B48}</p>

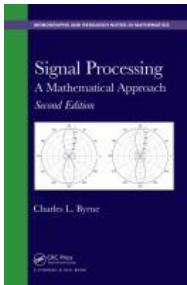

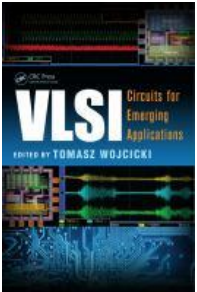
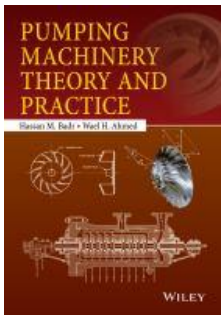
	<p>Cowley, S. (2017). <i>Man vs big data : Everyday data explained.</i> London : Aurum Press. {005.7/C83}</p>
	<p>Eito-Brun, R. (2018). <i>XML-based content management : Integration, methodologies, and tools.</i> Cambridge, Massachusetts : Chandos Publishing (CP), an imprint of Elsevier. {005.74/Ei96}</p>
	<p>Andress, J. (2017). <i>Building a practical information security program.</i> Amsterdam : Elsevier. {005.8/An25}</p>
	<p><i>Big data analytics in cybersecurity.</i> (2017). Boca Raton : CRC Press, Taylor & Francis Group. {005.8/B48}</p>
	<p>De Guise, P. (2017). <i>Data protection : Ensuring data availability.</i> Boca Raton, FL : CRC Press. {005.8/D36}</p>
	<p>Kim, D. (2018). <i>Fundamentals of information systems security.</i> 3rd ed. Burlington, MA : Jones & Bartlett Learning. {005.8/K56}</p>

	<p>Thuraisingham, B. (2018). <i>Big data analytics with applications in insider threat detection</i>. Boca Raton : CRC Press,Taylor & Francis. {005.8/T42}</p>
	<p><i>Practical cryptography : Algorithms and implementations using C++</i>. (2015). Boca Raton, FL : CRC Press, Taylor & Francis Group. {005.82/P88}</p>
	<p>Kopec, D. (2017). <i>Artificial intelligence and problem solving</i>. Dulles, Virginia : Mercury Learning and Information. {006.3/K83}</p>
	<p>Ignatow, G. (2018). <i>An introduction to text mining : Research design, data collection, and analysis</i>. Los Angeles, California : SAGE. {006.312/Ig5}</p>
	<p>Williams, G. (2017). <i>The essentials of data science : Knowledge discovery using R</i>. Boca Raton, Florida : Taylor & Francis, CRC Press. {006.312/W67}</p>
	<p>Gordon, V. S. (2017). <i>Computer graphics programming in OpenGL with Java</i>. Dulles, Virginia : Mercury Learning and Information. {006.693/G65}</p>

Electrical/Electronics & Communications Engineering & Related Subject Area

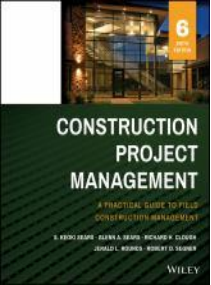
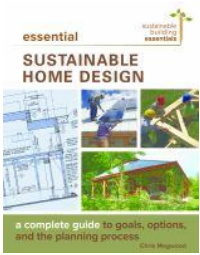
	<p>Kitcher, C. (2016). <i>Practical guide to inspection, testing and certification of elcerical installations</i>. 4th ed. London : Routledge, Taylor & Francis Group. {621.31924/K64}</p>
	<p>Mullin, R. (2015). <i>Electrical wiring residential : based on the 2014 National Electrical Code</i>. 18th ed. Australia : Cengage Learning. {621.31924/M91}</p>
	<p>Birchfield, S. (2018). <i>Image processing and analysis</i>. Australia : Cengage Learning. {621.367/B53}</p>
	<p>Malvino, A. (2016). <i>Electronic principles</i>. 8th ed. New York : McGraw-Hill Education. {621.381/M29}</p>

	<p>Schultz, M. (2016). Grob's basic electronics. 12th ed. New York : McGraw-Hill Education. {621.381/Sch82}</p>
	<p>Micro-and nanoelectronics : Emerging device challenges and solutions. (2015). Boca Raton, FL : CRC Press, Taylor & Francis Group. {621.3815/M58}</p>
	<p>Neuburger, G. (2014). Protecting chips against hold time violations due to variability. New York : Springer New York. {621.3815/N39}</p>
	<p>Sánchez, A. (2017). Digital services in the 21st century : A strategic and business perspective. Hoboken, New Jersey : Wiley : IEEE Press. {621.382 /Sa55}</p>
	<p>Choi, K. (2016). Problem-based learning in communication systems using MATLAB and SIMULINK. Hoboken, New Jersey : IEEE Press, John Wiley & Sons, Inc. {621.38216/C45}</p>

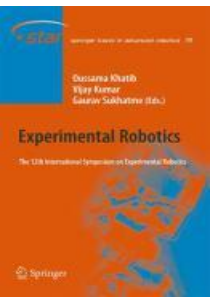
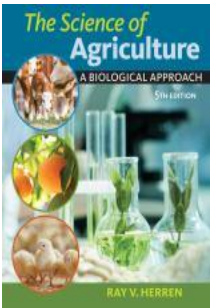
	<p>Byrne, C. (2015). <i>Signal processing : A mathematical approach.</i> 2nd ed. Boca Raton : CRC Press, Taylor & Francis Group. {621.38220151 /B99}</p>
	<p>Crich, T. (2017). <i>Recording tips for engineers : For cleaner, brighter tracks.</i> 4th ed. New York : Routledge, Taylor & Francis Group. {621.3893/C86}</p>
	<p><i>VLSI : Circuits for emerging applications.</i> (2015). Boca Raton : CRC Press/Taylor & Francis Group. {621.395/V84}</p>
	<p>Badr, H. (2015). <i>Pumping machinery theory and practice.</i> Chichester, West Sussex, United Kingdom : John Wiley & Sons. {621.6/B14}</p>

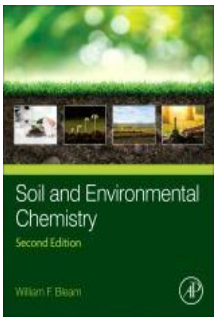
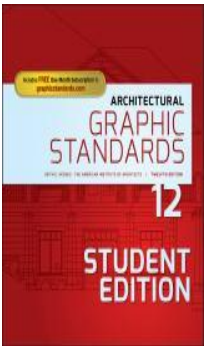
Civil Engineering & Related Subject Area

	<i>Principles of environmental, groundwater, and engineering geology.</i> (2017). New York : Delve Publishing. {624.151/P93}
	Attoh-Okine, N. (2017). <i>Big data and differential privacy : Analysis strategies for railway track engineering.</i> Hoboken, New Jersey : John Wiley & Sons, Ltd. {625.14028557/At85}
	<i>Evolution of Dam policies : Evidence from the big hydropower states.</i> (2014). Berlin, Heidelberg : Springer-Verlag. {627.8/Ev64}
	Laws, E. (2018). <i>Aquatic pollution : An introductory text.</i> 4 th ed. West Sussex, UK : John Wiley & Sons, Inc. {628.168/L44}
	<i>Introduction to environmental engineering.</i> (2017). New York, NY : Larsen and Keller. {628/In89}

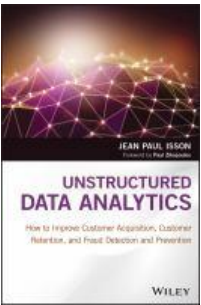
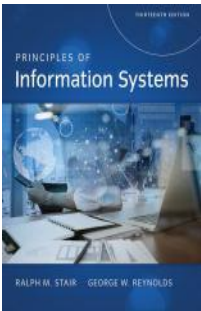
	<p>Sears, S. K. (2015). <i>Construction project management : A practical guide to field construction management</i>. 6th ed. Hoboken, New Jersey : John Wiley & Sons, Inc. {690.0684/Se17}</p>
	<p>Magwood, C. (2017). <i>Essential sustainable home design : A complete guide to goals, options, and the design process</i>. Gabriola, British Colombia, Canada : New Society Publishers. {690.8047/M27}</p>

Mechanical Engineering, Manufacturing and Related Subject Area

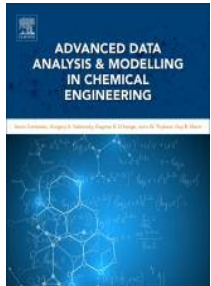
	<p><i>Experimental robotics : The 12th international symposium on experimental robotics</i>. (2014). Berlin, Heidelberg : Springer Berlin Heidelberg : Imprint: Springer. {629.892/Ex71}</p>
	<p>Herren, R. (2018). <i>The science of agriculture : A biological approach</i>. 8th ed. Australia : Cengage Learning. {630/H43}</p>

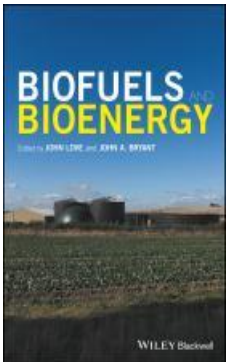
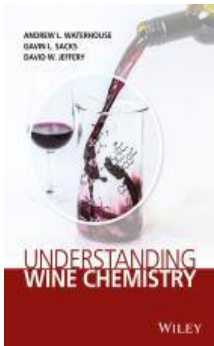
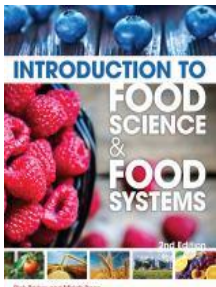
	<p>Bleam, W. F. (2017). <i>Soil and environmental chemistry</i>. 2nd ed. Amsterdam : Elsevier. {690.8047/M27}</p>
	<p>American Institute of Architects. (2017). <i>Architectural graphic standards</i>. 12th ed. Hoboken, New Jersey : John Wiley and Sons, Inc. {692.2/Am35}</p>
	<p><i>Earthquake design practice for buildings</i>. (2015). United Kingdom : Auris Reference Limited. {693.852/Ea76}</p>

Industrial Engineering & Related Subject Area

	<p>Isson, J. (2018). <i>Unstructured data analytics : How to improve customer acquisition, customer retention, and fraud detection and prevention.</i> Hoboken, New Jersey : John Wiley and Sons. {658.4038/Is7}</p>
	<p>Stair, R. (2018). <i>Principles of information systems.</i> 13th ed. Australia : Cengage Learning. {658.4038/St15}</p>

Chemical Engineering & Related Subject Area

	<p>Constales, D. (2017). <i>Advanced data analysis and modelling in chemical engineering.</i> Amsterdam : Elsevier. {660.0151/C76}</p>
	<p>Sinha, A.P. (2012). <i>Mass transfer : Principles and operations.</i> New Delhi : PHI Learning Private Limited. {660.28423/Si64}</p>

	<p><i>Gene biotechnology : Concepts and applications.</i> (2018). New York, NY : Larsen and Keller. {660.65/G28}</p>
	<p><i>Biofuels and bioenergy.</i> (2017). Chichester, West Sussex : John Wiley & Sons, Inc. {662.88/B52}</p>
	<p>Waterhouse, A. (2016). <i>Understanding wine chemistry.</i> Chichester, West Sussex : John Wiley & Sons, Inc. {663.2/W29}</p>
	<p>Parker, R. O. (2017). <i>Introduction to food science & food systems.</i> 2nd ed. Australia : Cengage Learning. {664/P22}</p>

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