UNIVERSITY OF SAN CARLOS



The Library System Science & Technology Section



Acquisitions List: School of Engineering 1st Semester 2019-2020

Engineering & Allied Operations



Integrating program management and systems engineering:

Methods, tools, and organizational systems for improving performance. (2017). Hoboken, New Jersey: John Wiley & Sons, Inc.

{620.00420684/In8}



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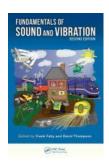
Beer, F. (2013). *Vector mechanics for engineers : Statics*. 10th ed. Singapore : McGraw-Hill.

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Materials chemistry. (2018). Forest Hills, New York: Willford Press.

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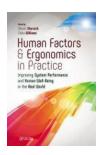


Fundamentals of sound and vibration. (2015). 2nd ed. Boca Raton, FL: CRC Press, Taylor & Francis Group. {620.2/F96}



Manik, D. (2017). Vibro-acoustics: Fundamentals and applications. Boca Raton: CRC Press, Taylor & Francis Group, CRC Press is an imprint of the Taylor & Francis Group, an informa business.

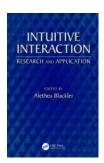
{620.37/M31}



Human factors and ergonomics in practice: Improving system performance and human well-being in the real world.

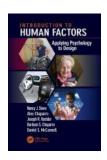
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Intuitive interaction : Research and application. (2019). Boca Raton, Florida: CRC Press/Taylor & Francis Group.

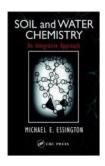
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Stone, N. (2018). *Introduction to human factors : Applying psychology to design*. Boca Raton : CRC Press, {620.82/St71}



Tooley, M. (2017). *Engineering technologies : Level 2*. Abingdon, Oxon : Routledge. **{620/T61}**



Essington, M. (2015). *Soil and water chemistry: An integrative approach*. 2nd ed. Boca Raton: CRC Press. **{631.41/Es77}**



Gliessman, S. (2015). *Agroecology: The ecology of sustainable food systems*. 3rd ed. Boca Raton, FL: CRC Press/Taylor & Francis Group. {631.5/G49}



Plant biotechnology: Genetic modification of plants. (2018).
Forest Hills, New York: Callisto Reference.
{631.5233/P69}

Computer Engineering & Related Subject Area



Proceedings of the 2014 International Conference on Software Engineering Research & Practice. (2014)

Software Engineering Research & Practice. Las Vegas Nevada: CSREA Press.

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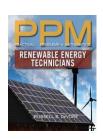
Galin, D. (2018). *Software quality: Concepts and practice*. Hoboken, NJ: IEEE Computer Society. **{005.30287/G13}**



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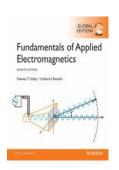
{005.701514 /M96}

Electrical/Electronics & Communications Engineering & Related Subject Area



DeVore, R. (2017). *Practical problems in mathematics for renewable energy technicians*. Boston, MA: Cengage Learning.

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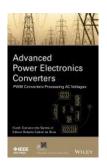


Momoh, J. (2018). *Energy processing and smart grid*. Hoboken, New Jersey: John Wiley and Sons.

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Zhang, B. (2015). *Sneak circuits of power electronic converters*. Singapore: Wiley. **{621.3815/W69}**



Santos Jr., E. (2015). Advanced power electronics converters:

PWM converters processing AC voltages. Hoboken, New
Jersey: IEEE Press, Wiley.

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Fletcher, G. (2016). *Residential construction academy : House wiring*. 4th ed. Australia : Delmar. **{621.31924/F63}**



Flat panel display manufacturing. (2018). Hoboken, New Jersey : John Wiley & Sons.

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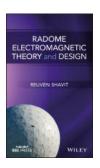


Mesleh, R. (2018). *Space modulation techniques*. 1st ed. Hoboken, NJ: John Wiley & Sons. {621.382/M56}

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and
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methods
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Roberts, M. J. (2018). *Signals and systems : Analysis using*transform methods and MATLAB.3rd ed. New York, New
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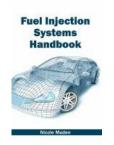
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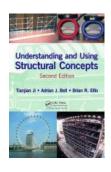


Fuel injection systems handbook. (2015). New Jersey: Clanrye International. {621.43/F95}



Wireless sensor networks: Signals and communication technology. (2015). New York: NY Research Press, {681.2/W74}

Civil Engineering & Related Subject Area



Ji, T. (2016). *Understanding and using structural concepts*. 2nd ed. Boca Raton: CRC Press, Taylor & Francis Group. **{624.171/J56}**



Larsen, O. (2016). *Conceptual structural design: Bridging the gap between architects and engineers*. 2nd ed.
Westminster, London: ICE Publishing.
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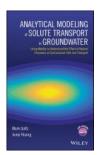


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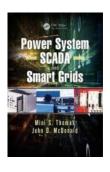


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Thomas, M. (2015). *Power system SCADA and smart grids*. Boca Raton, Florida: CRC Press, Taylor & Francis Group. {629.8/T36}



Shertukde, H. (2015). *Digital control applications illustrated*with MATLAB®. Boca Raton, Florida: CRC Press, Taylor &
Francis Group.
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Handbook of plant cell biotechnology. (2018). New York:
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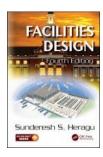
ThreeG ELearning FZ LLC. (2016). *Gas metal arc welding:*Intermediate. United Arab Emirates: 3G Elearning FZ LLC.
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Industrial Engineering & Related Subject Area

Security
risk
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: building
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security

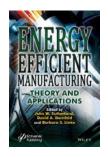
Security risk management: Building an information security.

(2015). United Kingdom: Koros Press Limited. **{658.155/Se26}**



Heragu, S. (2016). *Facilities design*. 4th ed. Boca Raton, FL: CRC Press.

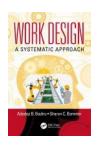
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Energy efficient manufacturing : Theory and applications.

(2018). Hoboken, New Jersey: John Wiley & Sons: Scrivener Publishing.

{658.26/En27}



Badiru, A. (2017). *Work design : A systematic approach*. Boca Raton, FL : CRC Press.

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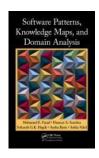


Thornton, G. (2017). *Developing organizational simulations: A guide for practitioners, students, and researchers.* 2nd ed. New York: Routledge, Taylor & Francis Group. {658.312404/T39}



Hughes, P. (2016). Introduction to health and safety at work:

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occupational health and safety. 6th ed. London:
Routledge, Taylor & Francis Group.
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Fayad, M. (2015). *Software patterns, knowledge maps, and domain analysis*. Boca Raton, FL: CRC Press, Taylor & Francis Group.
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Jalaludin, F. (2018). *Information systems : An introduction*. Malaysia : Oxford University Press. **{658.4038/J21}**

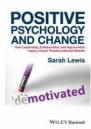
Baltzan, P. (2019). *Business driven information systems*. 6th ed. New York, NY: McGraw-Hill Education. **{658.403801/B21}**



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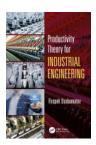
London : Bloomsbury Academic.

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Lewis, S. (2016). *Positive psychology and change: How leadership, collaboration and appreciative inquiry create transformational results*. West Sussex, United Kingdom:
John Wiley and Sons.

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Usubamatov, R. (2018). *Productivity theory for industrial engineering*. Boca Raton, Florida: Taylor & Francis, {658.501/Us8}



Design thinking : New product development essentials from the PDMA. (2016). Hoboken, New Jersey : John Wiley & Sons, Inc.

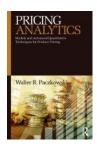
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Routledge, Taylor & Francis Group.

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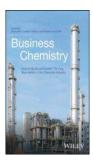
Chemical Engineering & Related Subject Area





Ferraris, G. (2014). *Differential and differential-algebraic*systems for the chemical engineer: Solving numerical problems. Germany: Wiley-VCH Verlag,

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Business chemistry: How to build and sustain thriving businesses in the chemical industry. (2018). 1st ed. Hoboken, NJ: John Wiley & Sons, Inc. {660.068/B96}



Speegle, M. (2016). *Process technology plant operations*. 2nd ed. Australia: Cengage Learning. {660.28/Sp32}



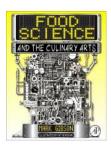
Fundamentals of food microbiology. (2059). Forest Hills, New York: Callisto Reference. **{664.001579/F96}**



Food quality control: Methods, importance and latest measures. (2018). Canada: Delve Publishing. {664.02/F73}



Food science and technology. (2018). 2nd ed. Hoboken, NJ, USA: John Wiley & Sons, Ltd. {664.024/F73}



Gibson, M. (2018). *Food science and the culinary arts*. London, United Kingdom: Academic Press, an imprint of Elsevier. {664.06/G35}



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Words were different when they lived inside of you." – Benjamin Alire Sáenz in <u>Aristotle and Dante Discover the Secrets of the Universe</u> (bookmark from <u>Erifilis</u>)



