



# UNIVERSITY OF SAN CARLOS

The Library System  
Science & Technology Section



## ***Acquisitions List: School of Engineering*** **1<sup>st</sup> Semester 2016-2017**

### **Computer Engineering & Related Subject Area**

- Jugulum, R. (2014). *Competing with data quality: concepts, tools, and techniques for building a successful approach to data quality*. Hoboken, New Jersey : Wiley. 004/J93
- Bhattacharya, A. (2015). *Fundamentals of database indexing and searching*. Boca Raton, Florida : CRC Press. 005.741/B46
- Benson, A. C. (1997). *Securing PCs and data in libraries and schools: a handbook with menuing, anti-virus, and other protective software*. New York: Neal-Schuman Publishers.005.8/B44 c.2
- Kuncheva, L. I. (2014). *Combining pattern classifiers: Methods and algorithms*. 2<sup>nd</sup>ed. Hoboken, NJ : Wiley. 006.4/K96

### **Engineering & Related Subject Area**

- Stefanoiu, D., Borne, P., Popescu, D., Filip, F. G., & El, K. A. (2014). *Optimization in engineering sciences: metaheuristics, stochastic methods and decision support*. London : ISTE Ltd. 519.92/St32
- Martyshko, P. S.[1999]. *Inverse problems of electromagnetic geophysical fields*. Utrecht, Netherlands : VSP. 538.720151/M36
- Milton, K. A., & Schwinger, J. (2006). *Electromagnetic radiation: variational methods, waveguides and accelerators*. Berlin: Springer-Verlag. 539.2/M64
- Millot, P. (2014). *Designing human-machine cooperation systems*. London : ISTE, Ltd. 620.82/D46
- Boye, J. I. (2014). *Nutraceutical and functional food processing technology*. Hoboken : Wiley. 641.308/N95

## Electrical/Electronics/Communications Engineering & Related Subject Area

- Smith, R. J., & Dorf, R. C. (1992). *Circuits, devices, and systems: a first course in electrical engineering*. 5<sup>th</sup> ed. New York : Wiley. 621.3/Sm51
- Brodd, R.J.(ed.) [2002]. *Electrochemical capacitors and hybrid power sources : proceedings of the international symposium*. 3<sup>rd</sup>ed. Pennington, New Jersey : Electrochemical Society. 621.315/EI25
- Nakajima, H. (2015). *Optical design using Excel: practical calculations for laser optical systems*. 4<sup>th</sup> ed. Singapore : Wiley. 621.36/N14
- Alten, S. R., & Quin, D. (2014). *Audio in media*. 10<sup>th</sup> ed. Australia : Wadsworth. 621.38/AI79 2015
- Wartak, M. S. (2013). *Computational photonics: an introduction with MATLAB*. Cambridge: University Press. 621.3815 /W26
- Serth, R. W., & Lestina, T. G. (2014). *Process heat transfer: principles, applications and rules of thumb*. 2<sup>nd</sup> ed. Boca Raton, FL: CRC Press. 621.4022 /Se68
- Nikolietseas, S., & Institute of Electrical and Electronics Engineers. (2008). *Distributed computing in sensor systems: 4th IEEE international conference, DCOSS 2008, Santorini Island, Greece, June 11-14, 2008 : proceedings*. Berlin: Springer. 681.2/D63

## Industrial Engineering & Related Subject Area

- Marr, B. (2015). *Big data: Using smart big data, analytics and metrics to make better decisions and improve performance*. New Jersey : John Wiley and Sons, Inc. 658.40380285574 /M34
- Lee, G. (2015). *Industrial engineering and management science*. Boca Raton : CRC Press. 658.5/In28
- Mitchell, J. S. (2015). *Operational excellence: journey to creating sustainable value*. Hoboken, New Jersey : Wiley. 658.5/M69
- Rosing, M. V., Scheer, A.-W., & Scheel, H. V. (2015). *The complete business process handbook: Body of knowledge from process modeling to bpm*. Waltham, Massachusetts : Morgan Kaufmann. 658.5/R73
- Wilson, L. (2015). *How to implement lean manufacturing*. 2<sup>nd</sup> ed. New York, N.Y. : Mcgraw-Hill Education. 658.5/W69
- Hansen, J. (2015). *Production scheduling handbook*. [s.l.] : Clanrye Intl. 658.503/P94
- Groover, M. P. (2013). *Principles of modern manufacturing*. 5<sup>th</sup> ed. Hoboken, NJ: Wiley. 670.42/G89

Zheng, D. (2015). *Industrial engineering and manufacturing technology*. London : CRC Press.  
670.42/In28

Groover, M. P. (2012). *Introduction to manufacturing processes*. Hoboken, NJ: Wiley.  
670/G89

## **Mechanical Engineering**

Ramlow, B., & Nusz, B. (2010). *Solar water heating: a comprehensive guide to solar water and space heating systems*. Gabriola, B.C : New Society Publishers. 5<sup>th</sup> ed. Hoboken, New Jersey : Wiley. 697.78/R14

Kohlenbach, P., Jakob, U., & Earthscan. (2014). *Solar cooling: the Earthscan expert guide to solar cooling systems*. London : Routledge. 697.93/K82

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--Barbara Tuchman--