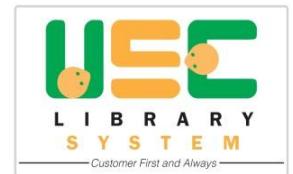




# UNIVERSITY OF SAN CARLOS

The Library System  
Science & Technology Section



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

### **Data processing/Computer science/Computer methods**

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

Delen, D. (2014). *Real-world data mining: Applied business analytics and decision making*. Upper Saddle River, New Jersey: Pearson Education LTD. 006.312/D37

Kuncheva, L. I. (2014). *Combining pattern classifiers: Methods and algorithms*. 2<sup>nd</sup> ed. Hoboken, NJ: Wiley. 006.4/K96

Golbeck, J. (2015). *Introduction to social media investigation: A hands-on approach*. Waltham, MA: Syngress. 006.754/G54

### **Mathematics/Probabilities & Applied mathematics**

Bergin, J. (2015). *Mathematics for economists with applications*. London; New York : Routledge, Taylor & Francis Group. 510/B45

Martin, B. R., & Shaw, G. (2015). *Mathematics for physicists*. West Sussex, UK: Wiley. 510/M36

Birkhoff, G., & Rota, G.-C. (1989). *Ordinary differential equations*. 4<sup>th</sup> ed. New York: Wiley. 515.352/B53

Kot, M. (2014). *A first course in the calculus of variations*. Providence, Rhode Island: American Mathematical Society. 515.64/K84

Tokunaga, H. (2016). *Fundamental statistics for the social and behavioral sciences*. Los Angeles: SAGE. 519.5/T57

Stefanou, 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

## Physics

Burshtein, A. I. (2005). *Introduction to thermodynamics and kinetic theory of matter*. 2<sup>nd</sup> ed. Weinheim: Wiley-VCH. 536.7/B94

Martyshko, P. S. [1999]. *Inverse problems of electromagnetic geophysical fields*. Utrecht, The Netherlands: VSP. 538.720151/M36

Milton, K. A., & Schwinger, J. (2006). *Electromagnetic radiation: variational methods, waveguides and accelerators*. Berlin: Springer-Verlag. 539.2/M64

Glaser, R. (2015). *Symmetry, spectroscopy, and crystallography: the structural nexus*. Weinheim: Wiley-VCH. 539.725/G46

## Applied physics

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*. Pennington, New Jersey : Electrochemical Society. 621.315/EI25

Nakajima, H. (2015). *Optical design using Excel: practical calculations for laser optical systems*. Singapore : Wiley. 621.36/N14

Alten, S. R., & Quin, D. (2014). *Audio in media*. 10<sup>th</sup> ed. Australia : Wadsworth. 621.38/AI79

Wartak, M. S. (2013). *Computational photonics: an introduction with MATLAB*. Cambridge: 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. [s.l.] : Academic Press. 621.4022 /Se68

## Chemistry & allied sciences

Ball, D. W. (2014). *Physical chemistry*. 2<sup>nd</sup> ed. Stamford, CT, USA: Cengage Learning. 541/B21

- Moldoveanu, S., & David, V. (2015). *Modern sample preparation for chromatography*. Amsterdam, Netherlands: Elsevier. 543.089/M73
- Robinson, J. W., Frame, E. M. S., & Frame, G. M. (2014). *Undergraduate instrumental analysis*. 7<sup>th</sup> ed. Boca Raton: CRC Press, Taylor & Francis Group. 543/R56
- Weeks, D. P., & Winter, A. (2014). *Pushing electrons: A guide for students of organic chemistry*. 4<sup>th</sup> ed. Belmont, CA: Brooks/Cole. 547.122076 /W41
- Moloney, M. G. (2015). *How to solve organic reaction mechanisms: A stepwise approach*. Chichester, West Sussex, UK: Wiley. 547.2/M73

## **Earth Sciences/Geology, hydrology & meteorology**

Gregory, K.J.Goudie,A.S.(2011). *The SAGE Handbook of Geomorphology*. London: Sage Publications. 551.41/Sa18

## **Life Sciences/Physiology & related subjects**

Piel, M., & In Thery, M. (2014). *Methods in cell biology*. Volume 119, Part A. San Diego, CA: Academic Press. 571.6/M56

Pierre, E. (2015). *Molecular cloning*. New York: Callisto Reference. 572.8/M73

Koricheva, J., Gurevitch, J., & Mengersen, K. L. (2013). *Handbook of meta-analysis in ecology and evolution*. Princeton: Princeton University Press. 576.8/H19

Ahuja, S. (2015). *Food, energy, and water: The chemistry connection*. Amsterdam : Elsevier. 577.14/F73

Mitsch, W. J., & Gosselink, J. G. (2015). *Wetlands*. 5<sup>th</sup> ed. Hoboken, NJ: John Wiley and Sons, Inc. 577.68/M69

Smith, T. M., & Smith, R. L. (2015). *Elements of ecology*. 9<sup>th</sup> ed. Boston: Pearson. 577/Sm67

## **Plants (Botany)**

Yong, J. W. H. (2015). *A guide to the common epiphytes and mistletoes of Singapore*. Singapore: Cengage Learning Asia. 580/Y8

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--Barbara Tuchman--