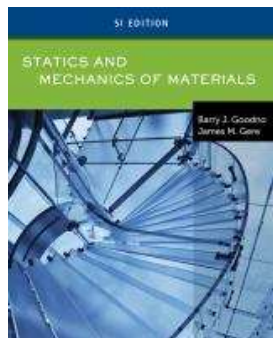# UNIVERSITY OF SAN CARLOS
The Library System
Science & Technology Section
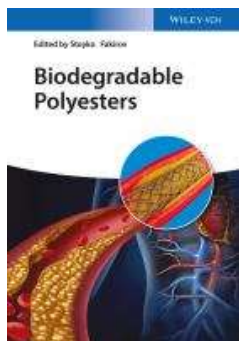

Acquisitions List: School of Engineering
1st Semester 2020-2021

Engineering & Allied Operations

Technical drafting : Intermediate. (2016). United Arab
Emirates : 3G Elearning FZ LLC.
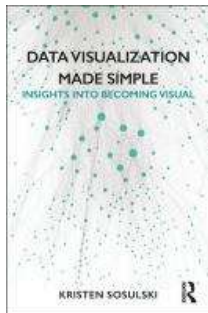**{604.2/T22}**

Goodno, B. (2019). ***Statics and mechanics of materials.***
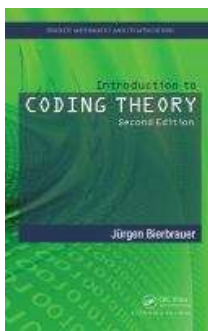Australia : Cengage.
{620.11292/G62}

Biodegradable polyesters. (2015). Weinheim, Germany :
Wiley-VCH.
{620.19204223 /B52}

Computer Engineering & Related Subject Area

Sosulski, K. (2019). *Data visualization made simple : Insights into becoming visual*. New York : Routledge, Taylor & Francis Group.
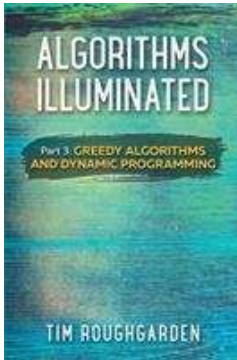{001.4226/F91}

Bierbrauer, J. (2017). *Introduction to coding theory*. 2nd ed. Boca Raton, Florida : CRC Press, Taylor & Francis.
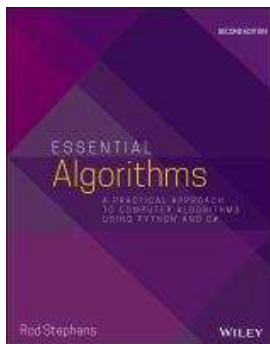{003.54/B47}

Winston, W. (1991). *Operations research : Applications and algorithms*. 2nd ed. Boston : PWS-Kent Publishing Company.
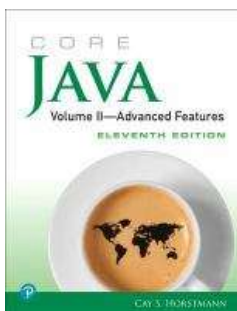{003/W73}

Roughgarden, T. (2019). *Algorithms illuminated : part 3 : Greedy algorithms and dynamic programming.* New York, NY : Soundlikeyourself.
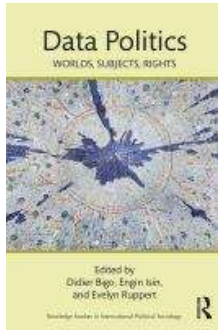{005.1/R75}

Stephens, R. (2019). *Essential algorithms : A practical approach to computer algorithms using python and c#*. Indianapolis, Indiana : John Wiley and Sons, Inc.
{005.1/St43}

Bronson, G. (2007). *A first book of ANSI C*. 4th ed. Boston, Mass. : Thomson Course Technology.
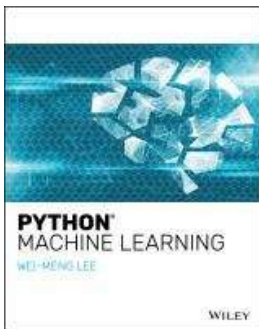{005.133/B78 c.3}

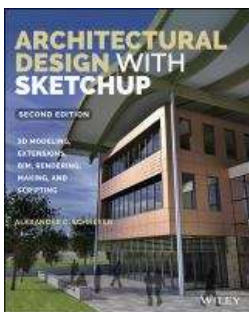Horstmann, C. (2019). *Core Java*. 11th ed. Boston : Pearson.
{005.133/H78 v.1 & v.2}

Data politics : Worlds, subjects, rights. (2019). London : Routledge, Taylor & Francis Group.
{005.7/D26}

Coronel, C. (2015). *Database principles : Fundamentals of design, implementation, and managament*. 10th ed. Andover : Cengage Learning.
{005.74/C81}

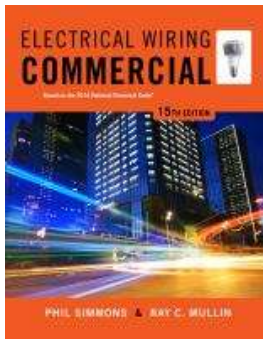Lee, W. (2019). *Python machine learning*. Indianapolis, IN : Wiley.
{006.31/L51}

Schreyer, A. (2016). *Architectural design with SketchUp : 3D modeling, extensions, BIM, rendering, making, and scripting.* 2nd ed. Hoboken, New Jersey : Wiley.
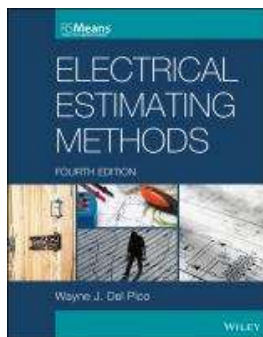{006.68/Sch73}

Botello, C. (2015). *Adobe Illustrator Creative Cloud revealed.* Boston, Massachusetts, USA : Cengage Learning.
  {006.686/B65}

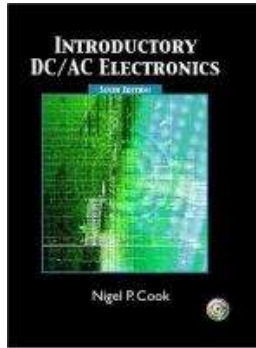# Electrical/Electronics & Communications Engineering & Related Subject Area

Electrical installation & maintenance : Advanced. (2016). United Arab Emirates : 3G Elearning.
  {621.3/El25}

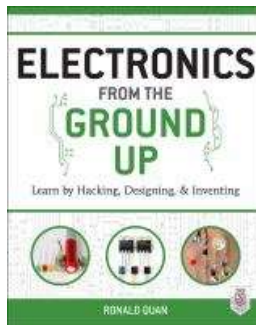Simmons, J. P. (2015). *Electrical wiring commercial : Based on the 2014 National Electrical Code*. 15th ed. Australia : Cengage Learning.
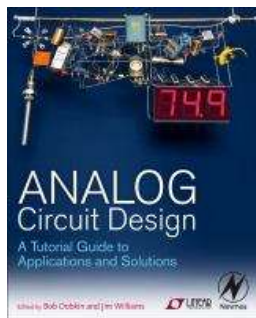 {621.31924/Si47}

DelPico, W. (2015). *Electrical estimating methods*. 4th ed. New Jersey : John Wiley and Sons.
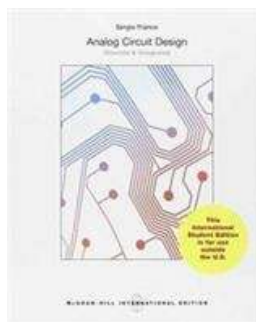 {621.31924029 /D38}

Cook, N. (2005). *Introductory DC/AC electronics*. 6th ed. Upper
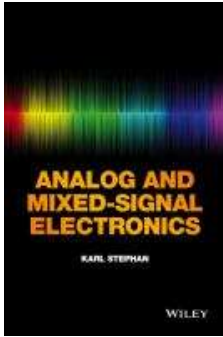   Saddle River, New Jersey : Pearson/Prentice Hall.
      {621.381/C7}

Quan, R. (2015). *Electronics from the ground up : Learn by
    hacking, designing, and inventing*. New York : McGraw-Hill
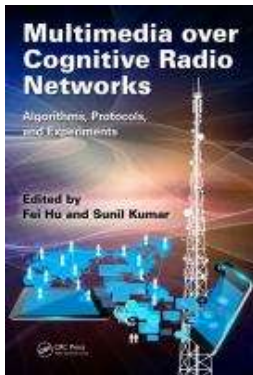   Education.
      {621.381/Q25}

*Analog circuit and system design : A tutorial guide to
    applications and solutions* / ed. by Bob Dobkin, Jim
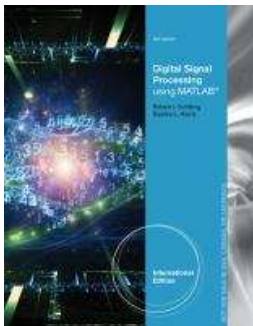   Williams. (2011). Amsterdam : Elsevier/Newne.
      {621.3815/An13}

Franco, S. (2015). *Analog circuit design : Discrete and
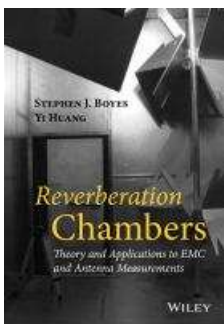   integrated.* New York : McGraw-Hill Education.
      {621.3815/F84}

Stephan, K. (2015). *Analog and mixed-signal electronics.* New Jersey : John Wiley and Sons.
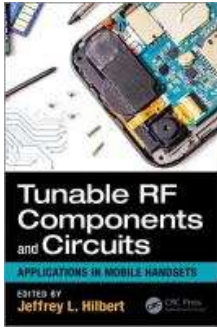{621.3815/St34}

Multimedia over cognitive radio networks : Algorithms, protocols, and experiments. (2015). Boca Raton, Florida : CRC Press, Taylor & Francis Group.
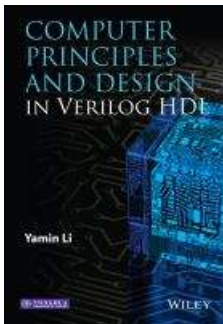{621.3821/M91}

Schilling, R. (2017). *Digital signal processing using MATLAB.* 3rd ed. Australia : Cengage Learning.
{621.3822 /Sch33}

Boyes, S. (2016). *Reverberation chambers : Theory and applications to EMC and antenna measurements.* Chichester, West Sussex, United Kingdom : Wiley.
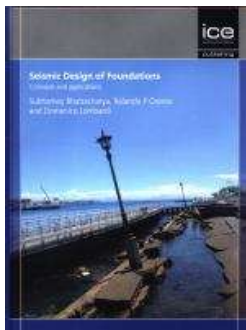{621.3824/B69}

Tunable RF components and circuits : Applications in mobile handsets. (2016). Boca Raton, Florida : CRC Press, Taylor & Francis Group.
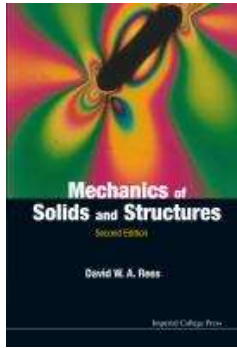{621.38456/T83}

Li, Y. (2015). ***Computer principles and design in Verilog HDL.*** Hoboken : Wiley.
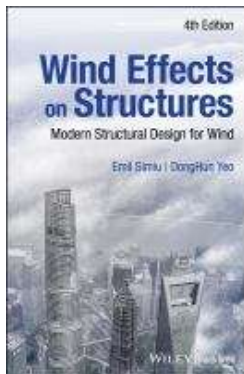{621.3902855133/L61}

Civil Engineering & Related Subject Area

Bhattacharya, S. (2019). ***Seismic design of foundations : Concepts and applications***. London : ICE Publishing.
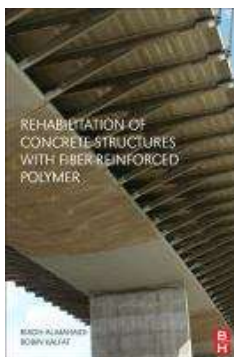{624.151/B46}

Rees, D. (2016). *Mechanics of solids and structures.* 2nd ed. London : Imperial College Press.

{624.17/R25}

Fan, B. (2016). *Principles of turbulence control.* Singapore : Wiley, National Defense Industry Press : John Wiley & Sons Singapore Pte Ltd.

{624.175/F21}

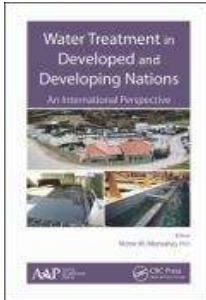Simiu, E. (2019). *Wind effects on structures : Modern structural design for wind*. 4th ed. Hoboken, New Jersey : John Wiley & Sons.

{624.175/Si45}

Al-Mahaidi, R. (2018). *Rehabilitation of concrete structures with fiber-reinforced polymer*. United Kingdom : Butterworth-Heinemann is an imprint of Elsevier.

{624.1834 /Al10}

Lynwood, M. (2019). *Flood management*. New York, NY : Larsen and Keller.
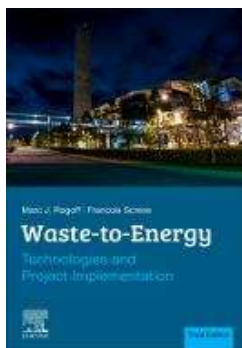{627.4/L99}

Water treatment in developed and developing nations : An international perspective. (2016). Oakville, ON, Canada ; Waretown, NJ, USA : Apple Academic Press.
{628.3091724 /W29}

Worrell, W. (2017). *Solid waste engineering : A global perspective*. 3rd ed. Australia : Cengage Learning.
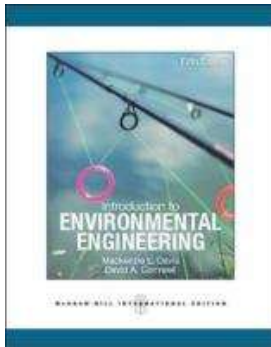{628.44/W89}

Rogoff, M. (2019). *Waste-to-energy : Technologies and project implementation*. 3rd ed. Amsterdam : Elsevier.
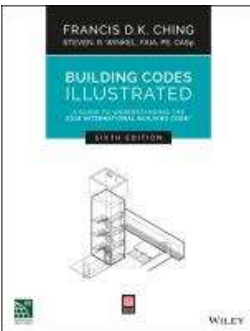{628.4457/R63}

Applied environmental biotechnology : Present scenario and future trends. (2015). New Delhi, India : Springer.
    {628.5/Ap58}

Montgomery, V. (2019). ***Pollution : Causes, prevention and control***. New York : Syrawood Publishing House.
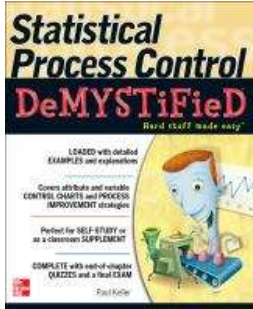   **{628.5/M76}**

Davis, M. (2013). ***Introduction to environmental engineering.*** 5th ed. New York : McGraw-Hill Education.
    {628/D29}

Ching, F. (2018). ***Building codes illustrated : A guide to understanding the 2018 International Building Code***. 6th ed. Hoboken, New Jersey : Wiley.
    {690.0218/C44}

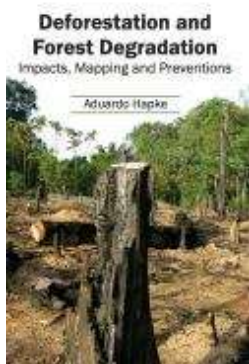# Mechanical Engineering, Manufacturing and Related Subject Area

Keller, P. (2011). *Statistical process control demystified.* New York : McGraw-Hill.
{629.831/K28}

Chapman, L. (2019). *Irrigation : Systems, technology and impacts.* New York : Syrawood Publishing House.
{631.587/C36}

Deforestation and forest degradation : Impacts, mapping and preventions. (2015). New York : Callistro Reference.
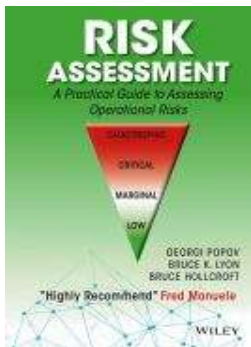{634.9/D36}

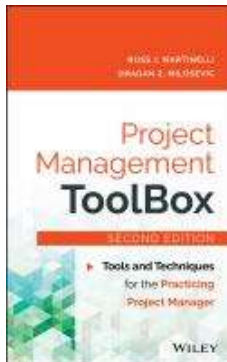*Gas tungsten arc welding : Expert*. (2016). United Arab Emirates : 3G Elearning FZ LLC.
{671.52/G21}

ThreeG ELearning FZ LLC. (2016). *Gas metal arc welding : advanced.* United Arab Emirates : 3G Elearning FZ LLC.
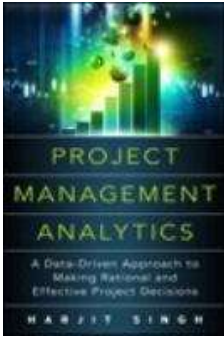{671.52/T41ga}

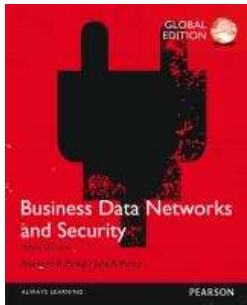# Industrial Engineering & Related Subject Area

Popov, G. (2016). *Risk assessment : A practical guide to assessing operational risks*. Hoboken, New Jersey : Wiley.
{658.155/P81}

Martinelli, R. (2016). *Project management toolbox*. 2nd ed. New Jersey : John WIley and Sons.
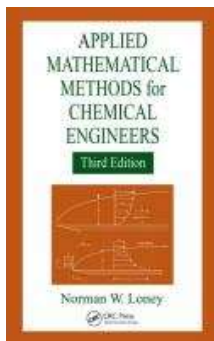{658.404/M36}

Singh, H. (2016). *Project management analytics : A data-driven approach to making rational and effective project decisions.* New Jersey : Pearson Education.
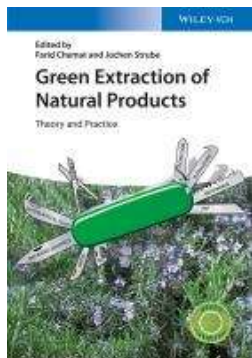   {658.404/Si64}

Panko, R. (2015). *Business data networks and security*. 10th ed. England : Pearson.
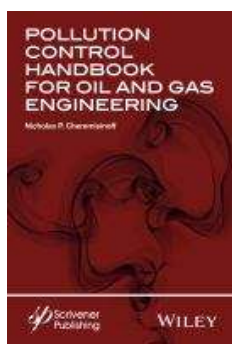   {658.478/P19}

Chemical Engineering & Related Subject Area

Loney, N. (2016). *Applied mathematical methods for chemical engineers.* 3rd ed. Boca Raton, FL : CRC Press, Taylor & Francis Group.
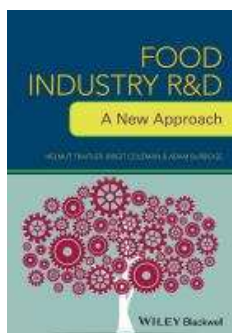   {660.0151/L84}

Green extraction of natural products : Theory and practice.
(2015). Germany : Wiley-Verlag GmbH & Co.
  {660.2842/G82}

Illustrated handbook of industrial chemistry. (2017). New York
: 3G E-learning LLC.
  {660/II68}

Pollution control handbook for oil and gas engineering. (2016).
Hoboken, New Jersey : Scrivener Publishing, Wiley.
  {661.8040286 /P76}

Traitler, H. (2017). ***Food industry R&D : A new approach***.
Chichester, West Sussex, United Kingdom : Wiley Blackwell.
  {664.07/T68}

UNIVERSITY OF SAN CARLOS
The Library System

LOAN/RESERVATION REQUEST FORM

AUTHOR   : _____

TITLE   : _____

CALL NO.   : _____

BORROWER'S NAME: _____
DEPARTMENT :   _____
DATE NEEDED: _____
RECEIVED & HANDLED BY: _____

****