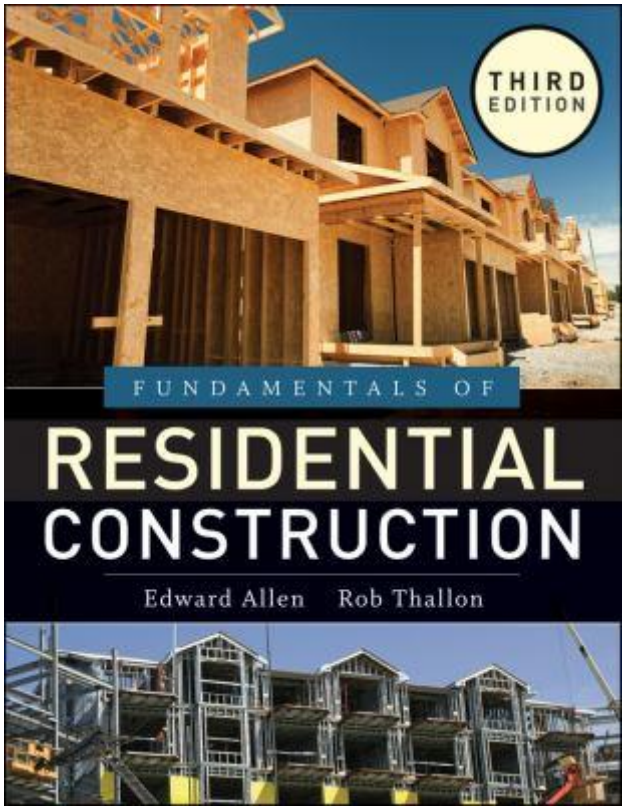
UNIVERSITY OF SAN CARLOS
The Library System
Science & Technology Section

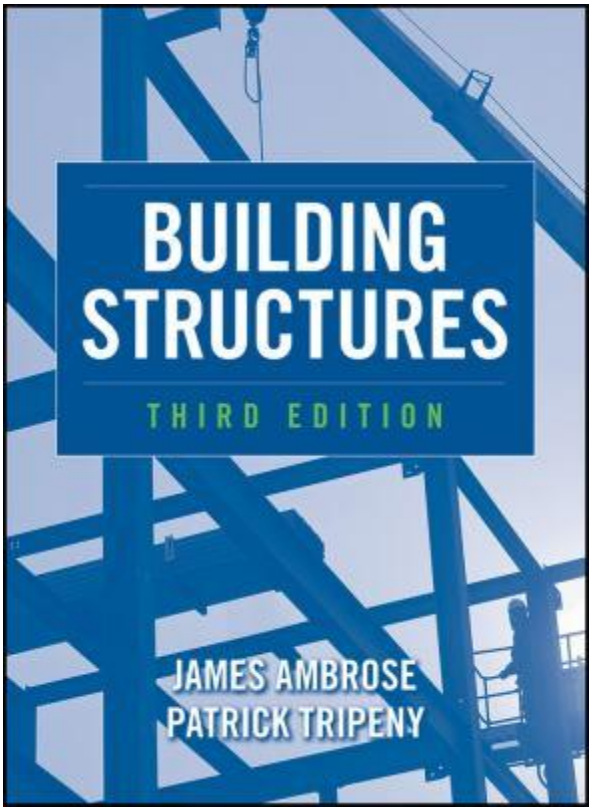
Acquisitions List: College of Engineering
First Semester2013

CIVIL ENGINEERING

Allen, Edward., et.al. (2011). *Fundamentals of residential construction*. 3rd ed. Hoboken, N.J. : Wiley. 690.837 Al53



Ambrose, James. (2012). *Building structures.* 3rd ed. Hoboken, N.J. : Wiley. 624.17 Am18.

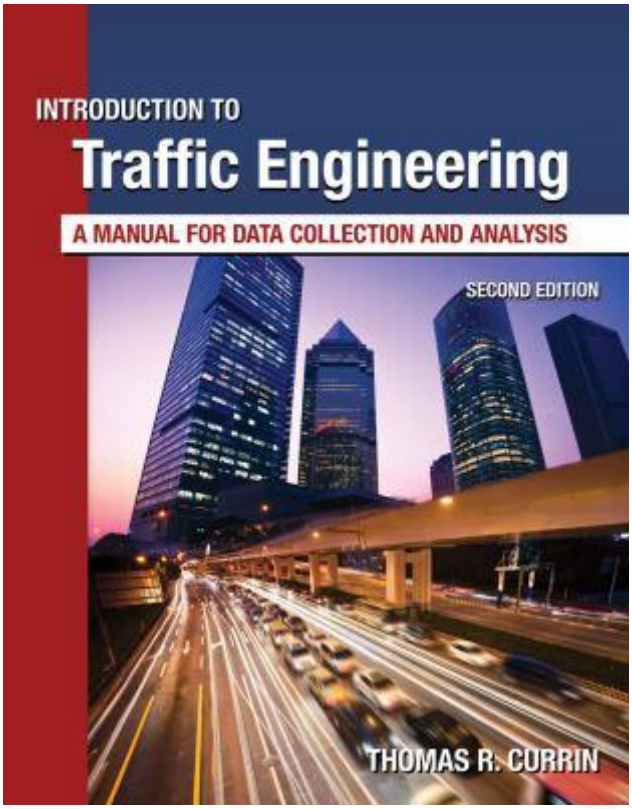


Anderson, James C. and Naeim, Farzad. (2012). *Basic structural dynamics.* Hoboken, NJ: John Wiley and Sons. 624.171 An23

Cabot, Gilles Pijaudier and Dufour, Frederic. (2012). *Damage mechanics of cementitious materials and structure*. UK: ISTE. 620.136 D18

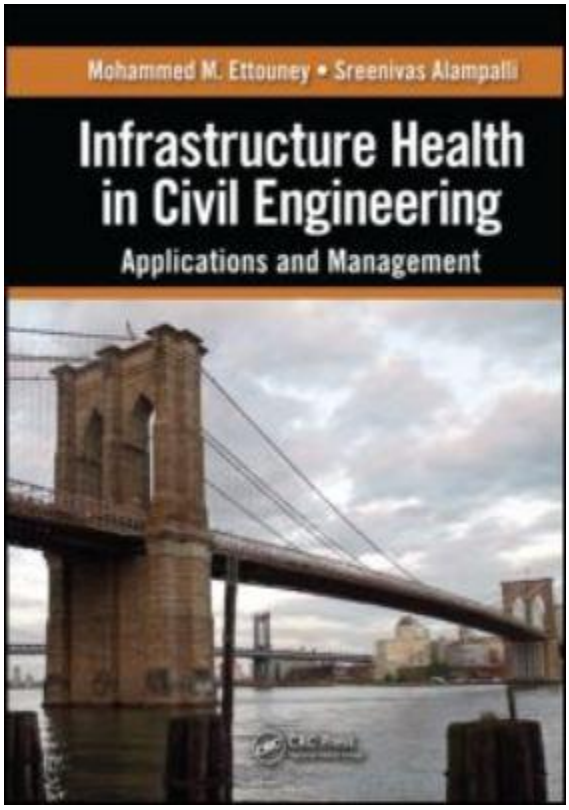
Crochet, Treena. (2012). *Designer's guide to building construction and systems*. 690 C87

CSI. (2011). *Construction specifications: practice guide.* Hoboken, N.J. : Wiley. 692.3 C76

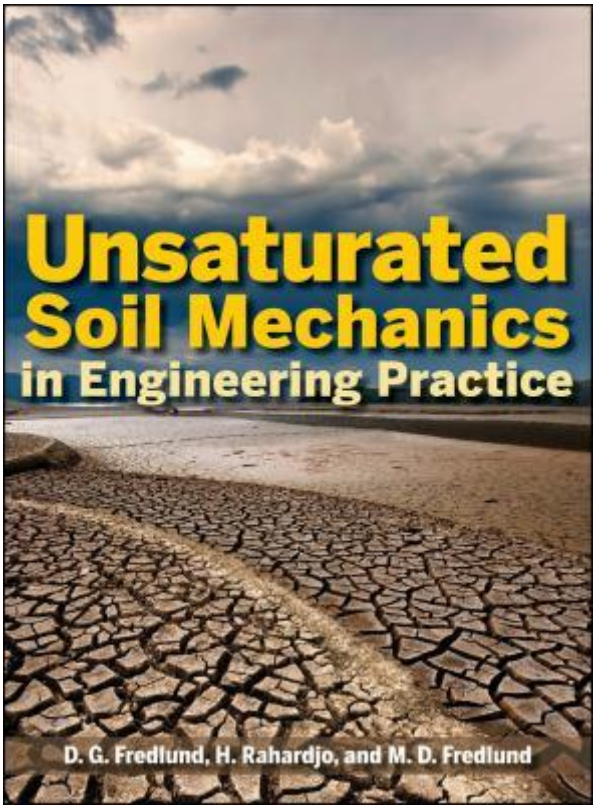


Currin, Thomas R. (2013). *Introduction to traffic engineering : a manual for data collection and analysis.* 2nd ed. Stamford, CT : Cengage. 625.794 C93

Davison, Buick and Owens, Graham W. (2012). *Steel designers' manual.* 7th ed. UK : John Wiley and Sons. 624.1821 St 32



Ettouney, Mohammed M. and Alampalli, Sreenivas. (2012). *Infrastructure health in civil engineering : applications and management*. New York : CRC Press.
624.171 Et77



Fredlund, D.G. (2011). *Unsaturated soil mechanics in engineering practice*. Hoboken, N.J. : Wiley. 624.15136 F87

Fryer, Julie. (2012). *The complete guide to water storage.* Ocala, Fla.: Atlantic Publishing. 628.13 F94

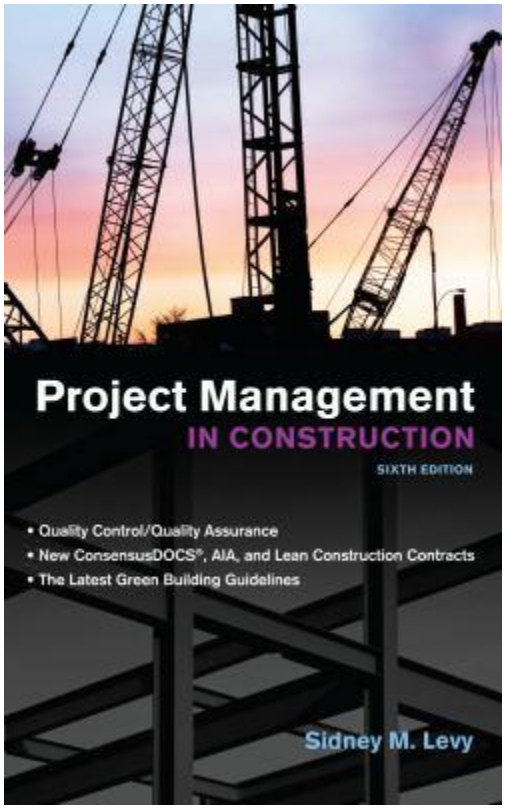
Hens, Hugo. (2012). *Building physics heat, air and moisture : fundamentals and engineering methods with examples and exercises*. 2nd ed. Germany : Wilhelm Ernst and John. 697 H39

Hopper, Leonard J. (2011). *Field guide to softscape*. Hoboken, N.J. : Wiley. 624 H77 c.1

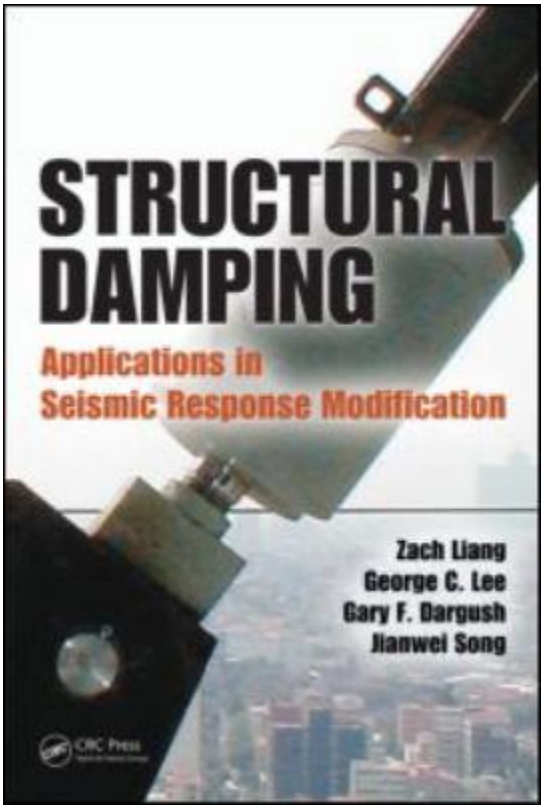
Idelberger, Klaus. (2011). *The world of footbridges from the utilitarian to the Spectacular.* Berlin : Ernst & John. 624.25 Id25

Lechner, Norbert M. (2012). *Plumbing, electricity, acoustics: sustainable design methods for architecture.* Hoboken, N.J. : John Wiley & Sons. 696 L49

Levy, Sidney M. (2012). *Construction calculations manual.* Waltham, MA : Butterworth-Heinemann. 624.0212 L57



Levy, Sidney M. (2012). Project *management in construction.* 6th ed. New York : McGraw-Hill. 624.0684 L57



Liang, Zach. (2012). *Structural damping : applications in seismic response modification*. New York : CRC Press. 624.1762 St89

Logan, Bruce E. (2012). *Environmental transport processes.* 2nd ed. Hoboken, New Jersey : John Wiley and Sons. 628 L82

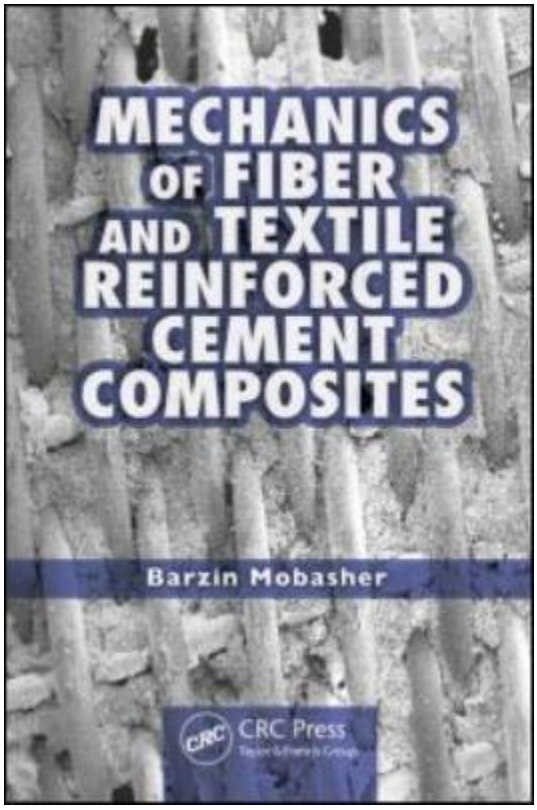
Malone, R. Terry and Rice, Robert W. (2012). *The analysis of irregular shaped structures : diaphragms and shear walls.* New York : McGraw-Hill. 624.17 M29

McCormack, Jack C., et.al. (2012). *Structural steel design*. 5th ed. Boston : Pearson. 624.1821 M13

Matlock, Marty D. and Morgan, Robert A. (2011). *Ecological engineering design : restoring and conserving ecosystem services.* Hoboken, NJ : John Wiley and Sons. 628 M42

Matteson, Donna M.Ed. (2012). *Civil engineering and architecture.* New York : Delmar, Cengage. 624 C49

Mehta, Madan., et.al. (2013). *Building construction: principles, materials, and systems.* 2nd ed. Boston : Pearson. 690 M47



Mobasher, Barzin. (2012). *Mechanics of fiber and textile reinforced cement composites*. New York : Taylor and Francis Group. 624.1833 M71

Montaya, Michael. (2011). *Green building fundamentals.* 2nd ed. NJ : Pearson. 690.0286 M76

Nayak, N.V., ed. et.al. (2012). *Handbook advanced concrete technology*. Oxford, U.K. : Alpha Science International. 620.136 H19

Nunnally, S.W. (2011). *Construction methods and management*. 8th ed. Upper Saddle River, N.J. : Prentice Hall. 624 N92

Peurifoy, Robert L. (2011). *Consruction planning, equipment and methods.* New York : McGraw-Hill. 690 C76

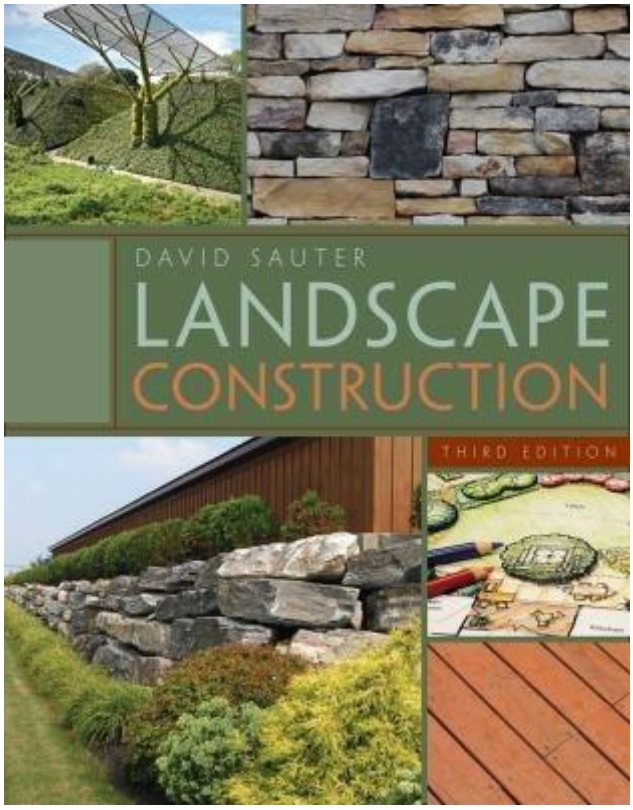
Radosavljevic, Milan., et.al. (2012). *Construction management strategies: A theory of construction management.* Chichester : Ames, Iowa : Wiley-Blackwell. 624.0684 R11

Reeve, Dominic., et.al. (2012). *Coastal engineering: processes, theory and design practice.* 2nd ed. London : Spon Press. 627.58 R25

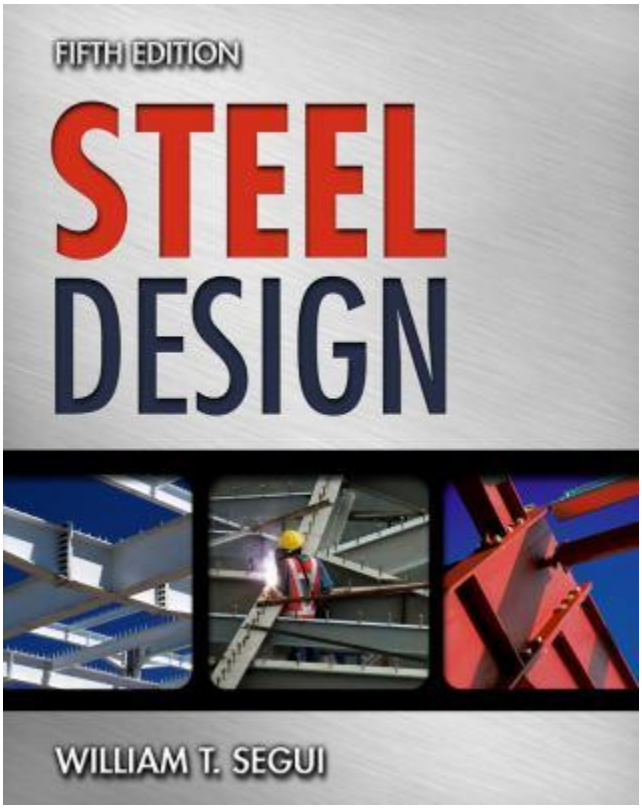
Rogoff, Marc., et.al. (2011). *Waste-to-energy technologies and project implementation.* 2nd ed. Amsterdam: Elsevier. 628.4457 R63

Ryan, Carole. (2011). *Traditional construction for a sustainable future.* London ; New York : Spon Press. 690.0286 R95

Sabnis, Gajanan M., ed. (2012). *Green building with concrete sustainable design and construction.* Boca Raton, FL : CRC Press. 693.5 G82



Sauter, David. (2011). *Landscape construction.* New York : Delmar, Cengage. 624 Sa88



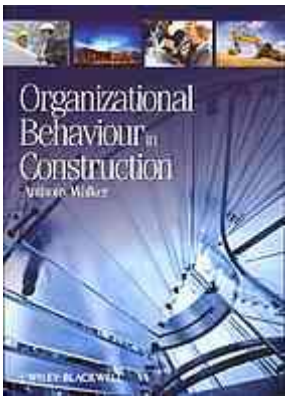
Segui, William T. (2013). *Steel design.* 5th ed. Stamford, CT : Cengage. 624.1821 Se39

Simpson, Scot. (2012). *Complete book of framing : an illustrated guide to residential construction.* 2nd ed. Hoboken, New Jersey : John Wiley and Sons. 694.2 Si58

Spiegel, Ross., et.al. (2012). *Green building materials*. 3rd ed. Hoboken, NJ : Wiley. 691 Sp43

Stevens, Matt. (2012). *The construction MBA : practical approaches to construction contracting.* New York: McGraw-Hill. 624.068 St47

Timber construction manual. 6th ed. (2012). Hoboken : Wiley. John Wiley and Sons. 694 T48



Towey, Donald. (2012). *Construction quantity surveying : a practical guide for the contractor's QS.* UK : John Wiley and Sons. 692.5 T65

Walker, Anthony. (2011). *Organizational behavior in construction*. UK : John Wiley and Sons. 624.0683 W15

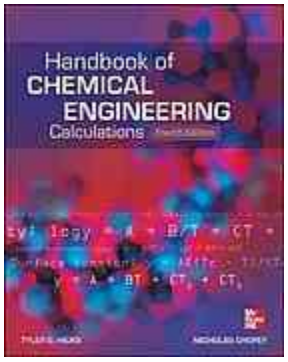
Wight, James K. and MacGregor, James G. (2012). *Reinforced concrete : mechanics and design*. 6th ed. England : Pearson. 624.18341 W63

CHEMICAL ENGINEERING

Azzopardi, B.J., et.al. (2011). *Hydrodynamics of gas-liquid reactors: normal operation and upset conditions.* Hoboken, N.J. : Wiley. 660.2832 H99

CCPS. (2011). G*uidelines for auditing process safety management systems.* 2nd ed. Hoboken, N.J. : Wiley ; [New York] : Center for Chemical Process Safety of the American Institute of Chemical Engineers. 660.2804 G94

Chopey, Nicholas P. (2012*). Handbook of chemical engineering calculations.* 4th ed. New York : McGraw-Hill. 660.0212 H19



Clark, David P. and Pazdernik, Nanette J. (2012). *Biotechnology : academic cell update*. Burlington, MA : Elsevier. 660.6 C54 c.2

Clark, David P., et.al. (2012). *Biotechnology: academic cell update.* Amsterdam: Elsevier. 660.6 C54

De Nevers, Noel. (2012). *Physical and chemical equilibrium for chemical engineers.* 2nd ed. Hoboken, NJ : John Wiley and Sons. 660.2969 D41

Elliott, J. Richard and Lira, Carl T. (2012). *Introductory chemical engineering thermodynamics*. 2nd ed. Upper Saddle River, NJ : Prentice Hall. 660.2969 El58

Finlayson, Bruce A. (2012*). Introduction to chemical engineering computing.* 2nd ed. Hoboken, NJ : John Wiley and Sons. 660.0285 F49

Ghasem, Nayef. (2012). *Computer methods in chemical engineering.* Boca Raton: CRC Press. 660 G34

Goodner, Kevin., ed. et.al. (2011). *Practical analysis of flavor and fragrance materials.* United Kingdom : John Wiley and Sons. 664.07 P88

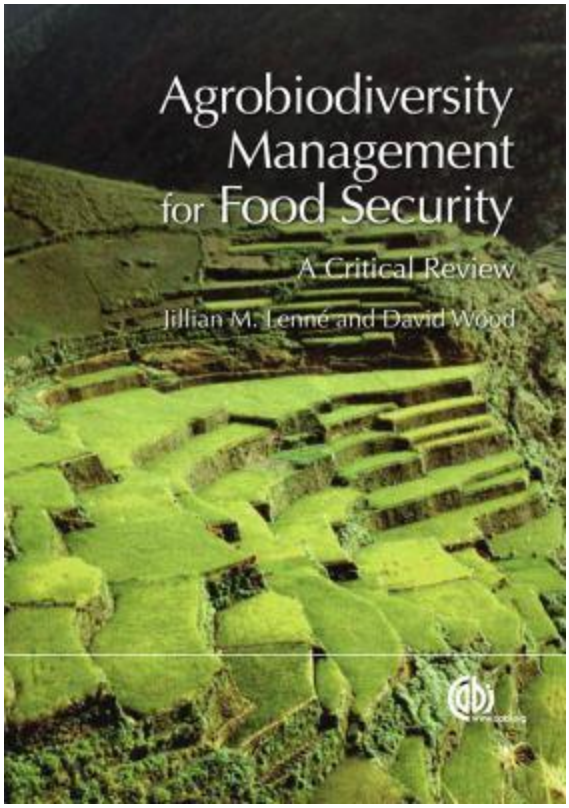
Guidelines for engineering design for process safety. (2012). Hoboken, NJ : John Wiley and Sons. 660.2804 G94

Hayes, Maria. (2012). *Marine bioactive compounds : sources, characterization and applications.* New York : Springer Science + Business Media. 660.6 M33

Henry, Jeyakumar., ed. (2012). *Advances in food and nutrition research.* Volume 66. Amsterdam : Academic Press. 664.001579 Ad95

Inamdar, Syed Tanveer Ahmed. (201). *Biochemical engineering : principles and concepts*. 3rd ed. New Delhi : PHI Learning. 660.6 In19

Klein, Rolf. (2012). *Laser welding of plastics*. Weinheim, Germany : Wiley-VCH. 668.415 K67



Lenne, Jillian M., et.al. (2011). *Agrobiodiversity management for food security: a critical review.* Cambridge, UK : Cambridge University Press. 631.58 Ag86

Mannan, Sam. (2012). *Lees' loss prevention in the process industries*. 4th ed. Waltham, MA : Elsevier. 660.2804 M31, 3 vols.

Nosonovsky, Michael and Rohatgi, Pradeep K. (2011). *Biomimetics in materials science : self-healing, self-lubricating, and self-cleaning material.* New York : Springer. 660.6 N84

Ohloff, Gunther., et.al. (2012). *Scent and chemistry: the molecular world of odors*. Zürich : Verlag Helvetica Chimica Acta ; Weinheim : Wiley-VCH. 668.54 Oh4

Panno, Joseph Ph.D. (2011*). Animal cloning : the science of nuclear transfer.* Revised ed. New York : Facts On File. 660.65 P19

Patnaik, Bhabendra Kumar. (2012). *Textboof of biotechnology.* New Delhi : McGraw Hill. 660.6 P27

Ross, Julian R.H. (2012). *Heterogeneous catalysis: fundamentals and applications.* Amsterdam : Elsevier. 660.2995 R73

Santin, Matteo and Phillips, Gary. (2012). *Biomimetics, bioresponsive, and bioactive materials : an introduction to integrating materials with tissues.* Hoboken, NJ : John Wiley and Sons. 660.6 B52

Seidman, Lisa A., et.al. (2011). *Laboratory manual for biotechnology and laboratory science: the basics.* 1st ed. Boston : Benjamin Cummings. 660.6 L11

Sparks, Trevor. (2012). *Solid-Liquid filtration: a user's guide to minimizing costs and environmental impact, maximizing quality and productivity.* [Oxford] ; Waltham, MA : Butterworth-Heinemann. 660.284245 Sp26

Tao, Junhua (Alex)., ed. et.al. (2011). *Biocatalysis for green chemistry and chemical process development.* Hoboken, N.J. : John Wiley & Sons. 660.63 B52

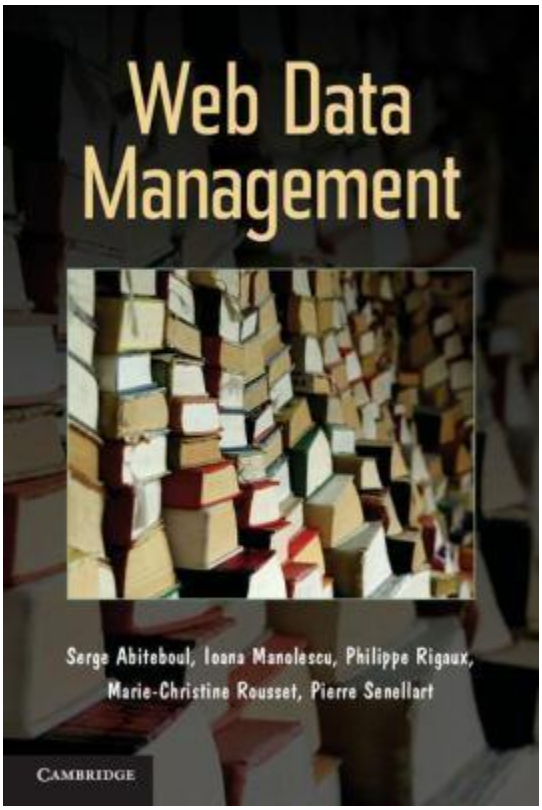
Van't Land, C.M. (2012). *Drying in the process industry*. Hoboken, N.J. : John Wiley & Sons. 660.28426 L22

Waller, Francis J. (2011). W*riting chemistry patents and intellectual property: a practical guide.* Hoboken, NJ : Wiley. 660.0272 W15

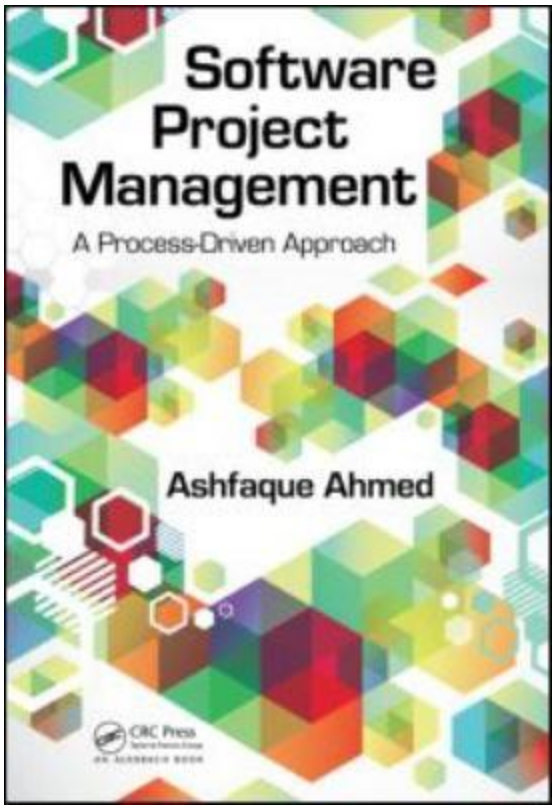
Wankat, Phillip C. (2012). *Separation process engineering : includes mass transfer analysis.* 3rd ed. Canada : Pearson. 660.2842 W18

COMPUTER ENGINEERING/COMPUTER SCIENCE/ICT/IT

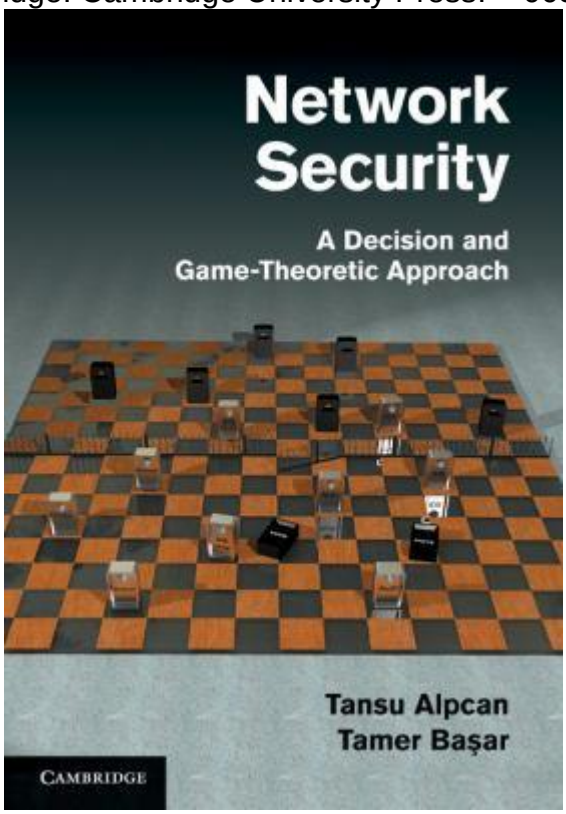
Abiteboul, Serge. (2012). *Web data management.* New York : Cambridge University Press. 005.7402854678 W38



Ahmed, Ashfaque. (2012). *Software project management: a process-driven approach.* Boca Raton: CRC Press. 005.1068 Ah52

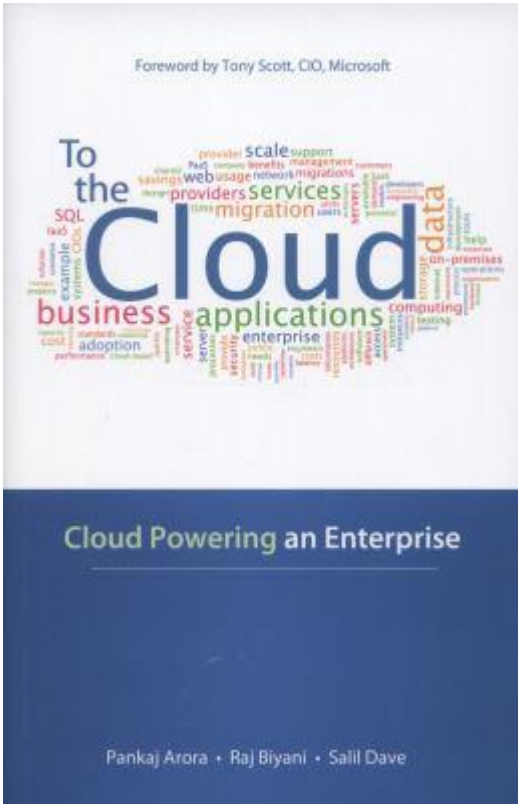


Alpcan, Tansu., ed. et.al.(2011). *Network security: a decision and game –theoretic approach.* Cambridge: Cambridge University Press. 005.8 Alp74

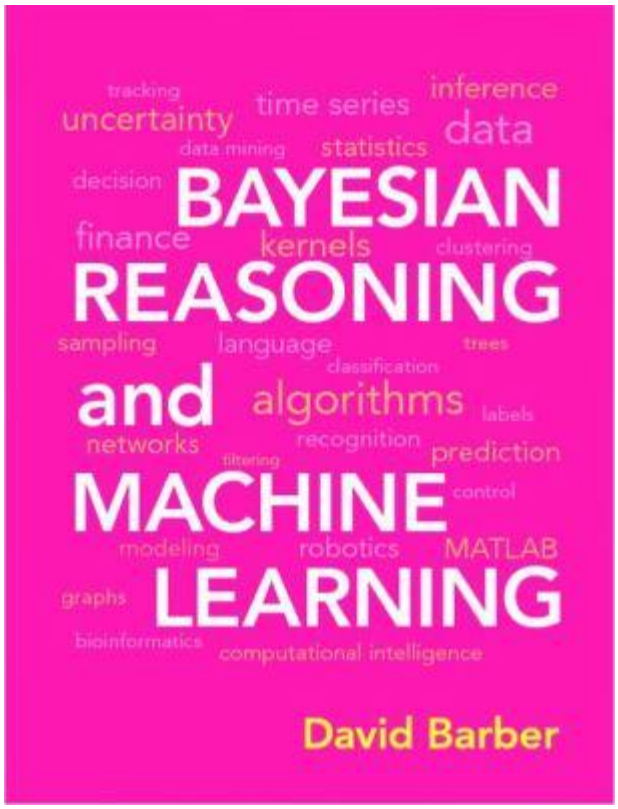


Amoroso, Edward G. (2013). *Cyber attacks: protecting national infrastructure.* Amsterdam: Elsevier. 005.8 Am68

Arora, Pankaj. (2012). To the cloud : cloud powering an enterprise. New York : McGraw-Hill. 004.6782/Ar67



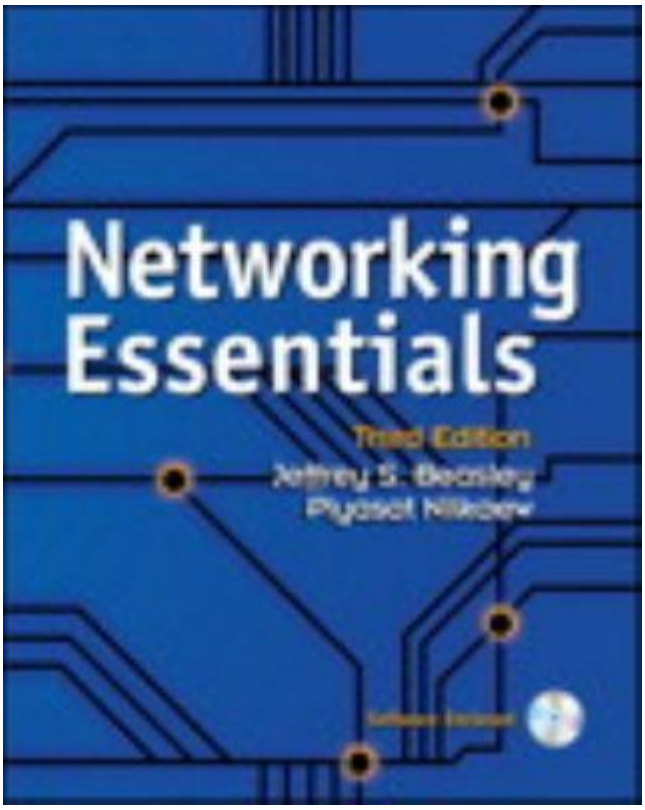
Barber, David. (2012). *Bayesian reasoning and machine learning.* Singapore: Cambridge University Press. 006.31 B23



Barry, Peter and Crowley, Patrick. (2012). *Modern embedded computing : designing connected, pervasive, media-rich systems*. Waltham, MA : Elsevier. 006.22 B27

Beane, Andy. (2012). *3D animation essentials.* Indianapolis, Indiana : John Wiley and Sons. 006.696 B37

Beasley, Jeffrey S. and Nilkaew, Piyasat. (2012). *Networking essentials*. 3rd ed. Indianapolis, Ind. : Pearson Education. 004.6 B38



Botello, Chris. (2011). *Adobe advanced photoshop CS5 revealed*. Australia : Delmar Cengage Learning. 006.6869 B65

Braude, Eric J., et.al. (2011). *Software engineering modern approaches*. 2nd ed. Hoboken, NJ : J. Wiley & Sons. 005.1 B73

Campesato, Oswald., et.al. (2011). *Web 2.0 fundamentals with Ajax, development tools, and mobile platforms.* Boston: Jones and Bartlett Publishers. 006.76 C15

Carpenter, Tom. (2012). *Microsoft windows operating system essentials*. Indianapolis: John Wiley and Sons, Inc. 005.43076 C22

Carswell, Ron., ed. et.al.(2012). *Guide to parallel operating systems with Windows 7 and Linux.* Australia: Course Technology: Cengage Learning. 005.432 C23 c.1

Cherry, Denny. (2011). *Securing SQL Server: Protecting your database from Attackers.* Amsterdam: Elsevier. 005.8 C42

Chopine, Ami. (2011). *3D Art essentials: the fundamentals of 3D modeling, texturing, and animation.* Amsterdam: Elsevier. 006.696 C54

Chorafas, Dimitris N. (2011). *Cloud computing strategies.* Boca Raton: CRC Press. 006.76 C45

Ciampa, Mark. (2012). *Security+ guide to network security fundamentals*. Canada: Nelson Education. 005.8 C48

Cisco Networking Academy. (2011). *IT essentials : PC hardware and software companion guide.* 4th ed. Indianapolis, Indiana : CISCO Press. 004 In3

Conklin, Arthur WM., et.al. (2012). *Principles of computer security*. 3rd ed. New York: McGraw-Hill. 005.8 P93

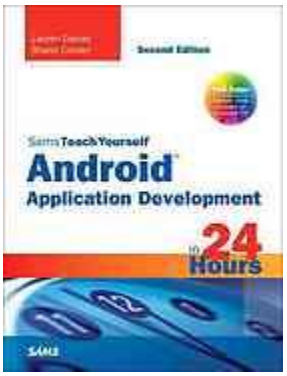
Cooper, Keith D. et.al.(2012). *Engineering a compiler*. 2nd ed. Amsterdam: Elsevier. 005.453 C78

Corrado, Edward M. (2011). *Getting started with cloud computing.* New York : Neal Schuman Publishers. 004.6782 G33

Costello, Vic. (2012). *Multimedia Foundations: core concepts for digital design.* Amsterdam: Elsevier. 006.7 C82

Coulouris, George. (2012). *Distributed systems : concepts and design.* Boston : Addison-Wesley : Pearson. 005.4476 D63

Darcey, Lauren., et.al. (2012). *Sam's teach yourself android application development in 24 hours*. 2nd ed. Indianapolis, Ind. : Sams. 004 D24



Dawson, Alexander. (2011). *Distinctive design: a practical guide to useful, beautiful web.* Chichester, West Sussex : John Wiley & Sons. 006.7 D32

Dionisio, John David and Toal, Ray. (2013). *Java Script : algorithms and applications for desktop and mobile browsers.* Sudbury, Mass.: Jones and Barlett. 005.3 D62

Doeppner, Thomas W. (2011). *Operating systems in depth.* Hoboken, NJ : Wiley. 005.43 D67

Dowling, Jennifer Coleman. (2012). *Multimedia demystified*. New York : McGraw-Hill. 006.7 D75

Ebert, Christof. (2012). *A guide to distributed development, projects, and outsourcing.* Hoboken, NJ : John Wiley & Sons. 005.1 Eb39

Edelkamp, Stefan and Schrodl, Stefan. (2012). *Heuristic search : theory and applications.* Waltham, MA : Elsevier. 005.11 Ed27

Elmansy, Rafiq. (2011). *Photoshop 3D for animators.* Amsterdam: Elsevier. 006.696 El61

Evans, Alan. (2012). *Technology in action*. 9th ed. Upper Saddle River, NJ : Pearson education. 004.16 Ev15

Evjen, Bill. (2012*). Real world .NET, C#, and silverlight.* Indianapolis, India : John Wiley and Sons. 006.72 R22

Ezust, Alan and Ezust, Paul. (2012). *An introduction to design patterns in C++ with qt.* 2nd ed. Boston, MA : Pearson Education. 005.133 Ez86

Farell, Joyce. (2011). *An object-oriented approach to programming logic and design.* 4th ed. Canada : Cengage. 005.115 F24

Foino, Romain Marucchi. (2012). *Games and graphics programming for iOs and Android.* UK : John Wiley and Sons. 005.36 M36

Frankel, Felice C. and DePace, Angela H. (2012). *Visual strategies : a practical guide to graphics for scientists and engineers*. UK : Yale. 501.4 F85

Gaddis, Tony. (2012). *Starting out with visual C# 2010.* 2nd ed. Boston, Massachusetts : Pearson. 005.133 G11

Garbus, Jeffrey., ed. et.al.(2011). *Microsoft transact-SQL: the definitive guide.* Canada: Jones and Bartlett Learning. 005.7565 M58

Gebali, Fayez. (2011). *Algorithms and parallel computing.* Hoboken, N.J. : Wiley. 004.35 G26

Gollmann, Dieter. (2011). *Computer security.* 3rd ed. Chichester, West Sussex : Wiley. 005.8 G58

Gopalakrishnan, K. (2012). *Oracle database 11g : oracle real application clusters handbook.* 2nd ed. New York : McGraw-Hill. 005.7585 G64

Hamacher, Carl. (2012*). Computer organization and embedded systems.* 6th ed. Asia : McGraw-Hill. 004.22 C73

Hamilton, Lawrence C. (2013). *Statistics with STATA version 12.* Australia : Cengage. 005.55 H18

Hartl, Michael. (2011). *Ruby on rails 3 tutorial.* Upper Saddle River, NJ: Addison-Wesley. 005.117 H25

Haseman, Chris. (2012). *Creating android applications: develop and design*. Berkeley, Calif. : Peachpit Press. 004.1675 H27

Hastie, Trevor. (2011). *The elements of statistical learning: data mining, interference, and prediction.* 2nd ed. New York : Springer Science+Business Media. 006.31 H27

Hayes, Caroline C., ed. et.al.(2011). *Human – computer etiquette*. Boca Raton: CRC Press. 005.437 H88

Held, Gilbert. (2011). *A practical guide to content delivery networks.* 2nd ed. Boca Raton : CRC Press. 004.6 H36

Hennessy, John L. and Patterson, David A. (2012). *Computer architecture : a quantitative approach.* 5th ed. Waltham, MA : Elsevier. 004.22 H39

Herold, Rebecca. (2011). *Managing an information security and privacy awareness and training program.* Boca Raton, FL : CRC Press. 005.8 H43

Heusser, Matthew., ed.,et.al. (2012). *How to reduce the cost of software testing.* Boca Raton: CRC Press. 005.14 H83

Hilz, Corey. (2011). *Focus on adobe photoshop*. Amsterdam : Elsevier/Focal Press. 006.686 H56

Hitzler, Pascal. (2011). *Mathematical aspects of logic programming semantics*. Boca Raton: CRC Press. 005.115 H63

Hoffer, Jeffrey A., ed. et.al.(2011). *Modern database management*. 10th ed. Boston: Pearson. 005.74 H67

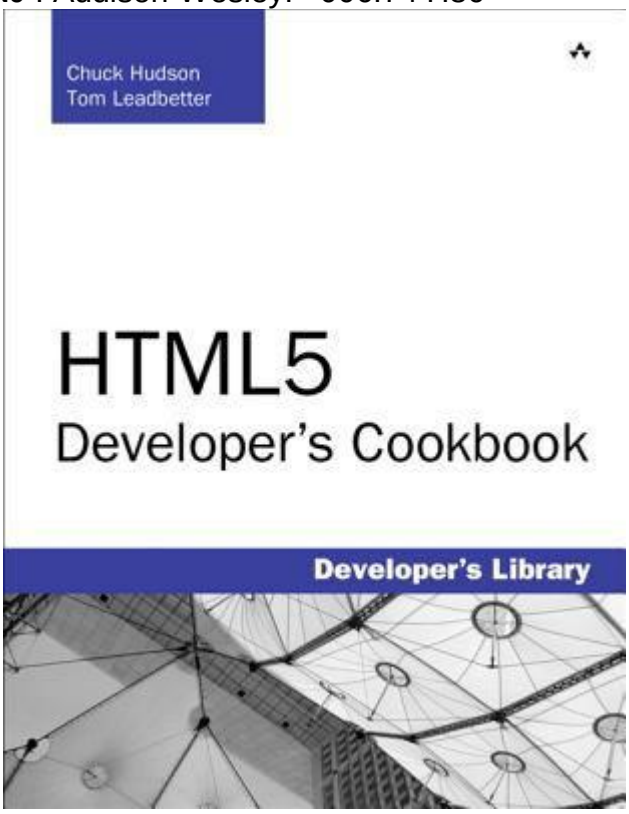
Homes, Bernard. (2012). *Fundamentals of software testing*. Hoboken : John Wiley and Sons. 005.1 H75

Hoog, Andrew and Strzempka, Katie. (2011). *iPhone and iOs forensics: investigation, analysis and mobile security for apple iPhone, iPad and iOs devices*. Waltham, MA : Elsevier. 005.86 H76

Hoog, Andrew. (2011). *Android Forensics : investigation, analysis and mobile security for google android.* Waltham, MA : Elsevier. 005.446 H76

Huddleston, Rob. (2012). *Android fully loaded.* 2nd ed. Hoboken, NJ : Wiley Pub. 004.167 H86

Hudson, Chuck and Leadbetter, Tom. (2012*). HTML5 developer's cookbook*. Upper Saddle River, NJ : Addison-Wesley. 006.74 H86



Hughes, Jeffrey. (2012). *iPhone and iPad Apps marketing*. 2nd ed. Indianapolis, Ind. : Que Pub. 005.36 H74

Joyce, Farrell. (2012). *Java programming.* 6th ed. Boston, MA : Cengage. 005.133 F24

Kelly, Allan. (2012). *Business patterns for software developers.* United Kingdom : John Wiley & Sons. 005.1068 K29

Kloss, Jörg H. (2012). *Android apps with a-pp inventor*. Upper Saddle River, NJ: Addison-Wesley. 005.3 K69

Kochan, Stephen G. (2012). *Programming in objective – C*. 4th ed. Upper Saddle River, NJ:Addison-Wesley. Indianapolis, IN : Addison-Wesley Professional. 005.117 K81

Kroenke, David M. and Auer, David J. (2012). *Database processing : fundamentals, design and implementation*. 12th ed. Boston : Pearson. 005.74 K91

Kroenke, David M., ed.et.al.(2011). *Database concepts.* 5th ed. Boston: Pearson.

005.74 K91

Lippman, Stanley B. (2013). *C++ Primer.* 5th ed. Upper Saddle River, NJ : Addison-Wesley. 005.133 L66

Liu, Henry H. (2012). *Oracle database performance and scalability: a quantitative approach.* Canada: John Wiley and Sons. 005.7565 L74

Louden, Kenneth C. and Lambert, Kenneth A. (2012). *Programming languages principles and practice*. 3rd ed. Boston, MA : Course Technology. 005.13 L92

Lozano-Nieto, Albert. (2011). *RFID Design fundamentals and applications*. Boca Raton: CRC Press. 006 L95

Mahout, Vincent. (2012). *Assembly language programming.* London ; Hoboken, NJ : ISTE Ltd. and John Wiley & Sons. 005.2 M27

McHoes, Ann Mclver., et.al.(2012). *Operating systems demystified*. New York: McGraw-Hill. 005.43 M18

McLoughlin, Ian. (2011). *Computer Architecture: an embedded approach*. Singapore : McGraw Hill. 005.133 M22

McMillan, Troy. (2012). *Cisco networking essentials*. Indianapolis, Ind. : John Wiley & Sons. 004.6 M22

McQuilkin, Kent. (2011). *Cinema 4D: The artist's project sourcebook*. Waltham, MA : Focal Press. 006.693 M24

Minoli, Daniel. (2011). *Designing green networks and network operations.* Boca Raton, FL : CRC Press. 004.6 M66

Myers, Glenford J. (2012). *The art of software testing*. Canada: John Wiley and Sons. 005.14 M99

Null, Linda. (2012). *The essentials of computer organization and architecture.* 3rd ed. Sudbury, Mass. : Jones & Bartlett Learning. 004.22 N91

Oki, Eiji., et.al. (2012). *Advanced internet protocols, services, and applications*. Hoboken, New Jersey : A John Wiley & Sons Publication. 004.6 Ok3

Olson, Scott., ed. et.al.(2012). *Professional cross-platform mobile development in C#.* Indianapolis: Wiley and Sons. 005.133 P94

Oppenheim, Priscilla. (2011). *Top-down network design*. 3rd ed. Indianapolis, IN : Cisco Press. 004.65 Op5

Osborn, Jeremy. (2011). *HTML5 digital classroom*. Indiana : John Wiley and Sons. 006.74 Os12

Pacheco, Peter S. (2011). *An introduction to parallel programming*. Amsterdam: Elsevier. 005.275 P11

Palmer, Michael and Walters, Michael. (2012). *Guide to operating systems.* 4th ed. Australia : Course Technology Cengage Learning. 005.43 P18

Pankratius, Victor. (2012). *Fundamentals of multicore software development.* Boca Raton, FL : CRC Press. 005.275 F96

Peterson, Larry L. (2012). *Computer networks: a systems approach*. 5th ed. Amsterdam ; Boston : Morgan Kaufmann. 004.6 P44

Peterson, Larry L. (2012). *Computer networks: a systems approach.* 5th ed. Amsterdam : Morgan Kaufmann. 004.6 P44

Pfleeger, Charles P. and Pfleeger, Shari Lawrence. (2012). *Analyzing computer security*. Upper Saddle River, NJ : Pearson Education International. 005.8 P48

Porebski, Bartosz., ed. et.al. (2011). *Building PHP applications with Symfony, CakePHP, and Zend Framework.* Indianapolis: Wiley Publishing, Inc. 005.133 P82

Pouncey, Ian., ed. et.al. (2011). *Beginning CSS: cascading style sheets for web design.* 3rd ed. Indianapolis: Wiley Publishing, Inc. 006.7 P86

Pugh, Ken. (2011). *Lean-agile acceptance test-driven development*. Upper Saddle River, NJ: Addison-Wesley. 005.14 P96

Randolph,Nick., et.al. (2011). *Professional windows phone 7 application development.* Indianapolis: Wiley Publishing. 005.268 R15

Reding, Elizabeth Eisner. (2011). *Adobe photoshop CS5 revealed.* Australia : Delmar Cengage Learning. 006.686 R24

Rich, Jason R. (2012). How to do everything : *iCloud.* New York : McGraw-Hill. 004.6782 R37

Rich, Jason R. (2012). *iPad and iPhone tips and tricks.* Indianapolis : Que.

004.167 R 37

Roberts, Steve. (2011). *Character animation fundamentals: developing skills for 2D and 3D character animation*. Amsterdam: Elsevier. 006.696 R54

Rogers, Simon and Girolami, Mark. (2012.). *A first course in machine learning*. New York : John Wiley and Sons. 006.31 R63

Rogers, Yvonne. (2011). *Interaction design : beyond human-computer interaction.* 3rd ed. UK : John Wiley and Sons. 004.019 R63

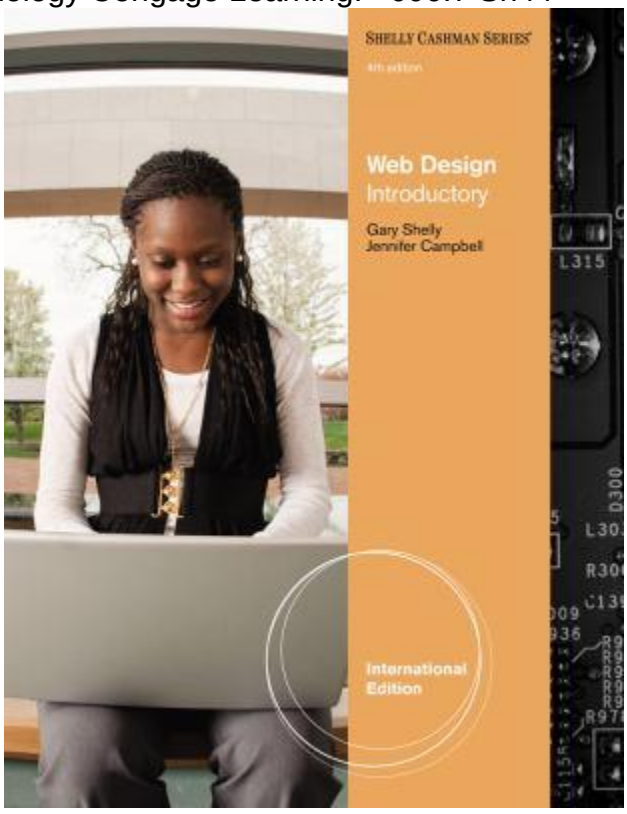
Sarna, David E.Y. (2011). *Implementing and developing cloud computing applications*. Boca Raton: CRC Press. 006.78 Sa74

Schach, Stephen R. (2011). *Object-oriented and classical software engineering.* 8th ed. New York : McGraw-Hill. 005.1 Sch11

Serpanos, Dimitrios. (2011). *Architecture of network systems.* Burlington, MA : Morgan Kaufmann. 004.6 Se67

Sharon, Tomer. (2012). *Its our research: getting stakeholder buy-in for user experience research projects*. Waltham, MA : Elsevier. 005.437 Sh23

Shelly, Gary and Campbell, Jennifer. (2012). *Web design introductory.* 4th ed. Australia : Course Technology Cengage Learning. 006.7 Sh44



Simpson, Michael T., et.al. (2011). *Hands-on ethical hacking and network defense*. 2nd ed. Australia: Course Technology, Cengage Learning. 005.8 Si58

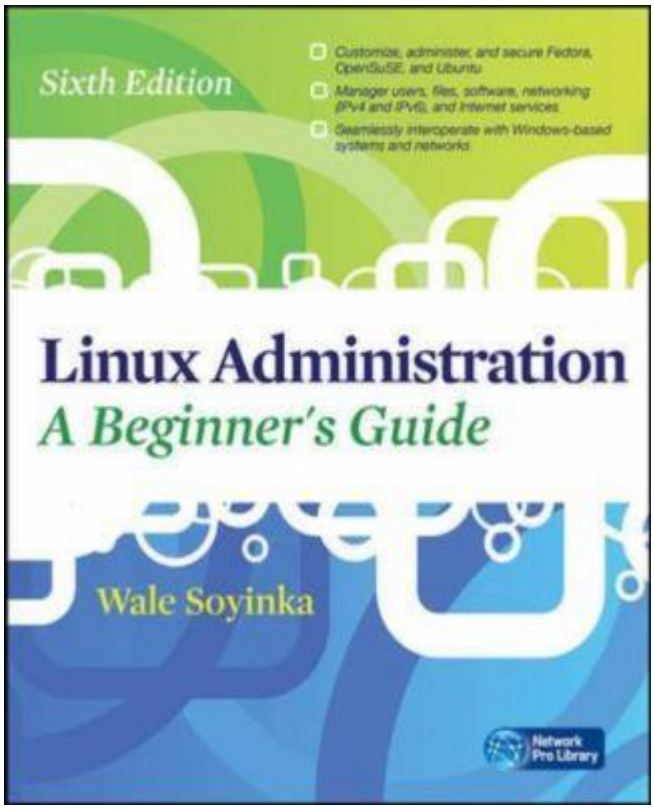
Singh, Yogesh. (2012). *Software testing.* India: Replika Press. 005.12 Si64

Sklar, Joel. (2012). *Principles of web design*. 5th ed. Australia ; Boston : Course Technology Cengage Learning. 006.7 Sk41

Smith, Richard E. (2013). *Elementary information security*. Burlington, MA : Jones & Bartlett Learning. 005.8 Sm51

Smith, Roderick W. (2012*). Linux essentials*. Indianapolis, Ind. : Wiley. 005.432 Sm51

Soyinka, Wale. (2012). *Linux administration* : a beginner's guide. 6th ed. New York, NY : McGraw-Hill Osborne Media. 005.432 So96



Stallings, William and Brown, Lawrie. (2012). *Computer security : principles and practice*. 2nd ed. Boston : Pearson. 005.8 St18

Suh, Sang C. (2012). *Practical applications of data mining.* Sudbury, Mass. : Jones & Bartlett Learning. 006.3 Su36

Thomas, Tom and Stoddard, Donald. (2012). *Network security first-step*. 2nd d. Indianapolis, IN : Cisco Systems. 005.8 T38

Tibble, Ian. (2012). *Security de-engineering: solving the problems in information risk management.* Boca Raton: CRC Press. 005.8 T43

Torgo, Luis. (2011). *Data mining R: learning with case studies*. Boca Raton: CRC Press. 006.312 T63

Tucker, Allen., ed. et.al.(2011). *Software development: an open source approach.* Boca Raton: CRC Press. 005.3 T79

Tupper, Charles D. (2011). *Data architecture from zen to reality.* Amsterdam: Elsevier. Burlington, MA : Morgan Kaufmann/Elsevier. 005.12 T83

Turkey, Paul. (2012). *Professional microsoft SQL server 2012 reporting services.* Indiana : John Wiley and Sons. 005.7585 T84

Uliman, Larry. (2012). *Php and MySQL for dynamic web sites*. 4th ed. Berkeley, CA : Peachpit Press. 006.78 UI4

Wagner, Richard. (2012). *Beginning (iOS) application development with HTML and JavaScript.* Indianapolis: John Wiley and Sons, Inc. 005.3 W12

Waxer, Barbara. (2013). *Adobe flash professional CS6.* Australia : Course Technology Cengage Learning. 006.696 W36

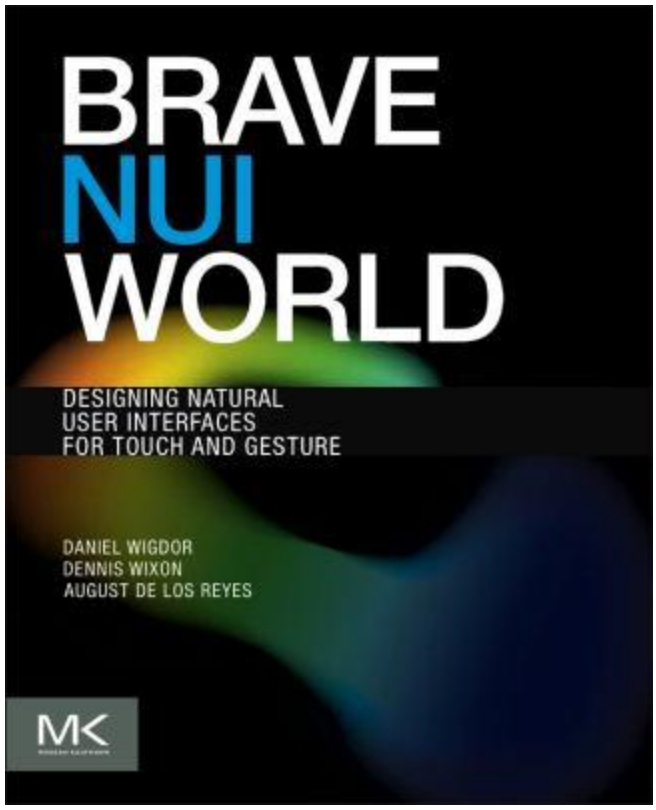
Webb, Andrew R. and Copsey Keith D. (2011). *Statistical pattern recognition*. 3rd ed. UK : John Wiley and Sons. 006.4 W38

West, Matthew. (2011). *Developing high quality data models.* Amsterdam: Elsevier. 005.73 W52

Wheeler, Evan. (2011). *Security risk management*. Amsterdam: Elsevier. 005.8 W58

Whitman, Michael E. and Mattord, Herbert J. (2012). *Principles of information security.* 4th ed. Australia : Course Technology Cengage Learning. 005.8 W59

Wigdor, Daniel and Wixon, Dennis. (2011). *Brave nui world.* Burlington, Mass. : Morgan Kaufmann. 004.019 W63



Willard, Nancy. (2012). *Cyber savvy : embracing digital safety and civility*. Thousand Oaks, Calif ; Corwin. 004.6780835

Witten, Ian H., et.al. (2011). *Data mining: practical machine learning tools and techniques*. Amsterdam: Elsevier. 006.312 W78

Zak, Diane. (2012). *Programming with microsoft visual basic* . 5th ed. Canada: Nelson Education. 005.2768 Z13

ELECTRICAL ENGINEERING & *ELECTRONIC & COMMUNICATIONS ENGINEERING*

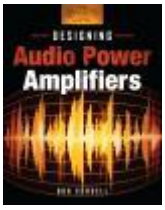
Bishop, Owen. (2011). *Electronics: A first course*. 3rd ed. Amsterdam : Elsevier. 621.381 B54

Bliedtner, Jens. (2012). *Optical technology*. China : McGraw-Hill. 681.4 B61

Chaparro, Luis F. (2011). *Signals and systems using MATLAB*. Burlington, MA : Academic Press. 621.3822 C36

Cook, Greald. (2011). *Mobile robots: navigation, control and remote sensing.* Hoboken, N.J. : Wiley ; Piscataway, NJ : IEEE Press. 629.8932 C77

Cordell, Bob. (2011). *Designing audio power amplifiers*. New York : McGraw-Hil. 621.38933 C81

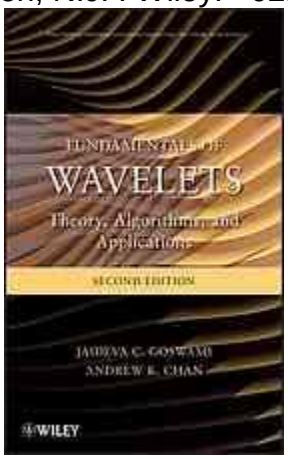


Dabby, Ramsey and Bedi, Ashwani. (2012). *Structure for architects*. Hoboken, NJ : John Wiley and Sons. 624.17 D11

Djordjevic, Ivan. (2012). *Quantum information processing and quantum error correction. An engineering approach.* UK : Elsevier. 537.5 D64

Evans, Bill. (2011). *Live sound fundamentals.* Boston, MA, USA : Course Technology. 621.3828 Ev15

Goswami, Jaideva C., et.al. (2011). *Fundamentals of wavelets: theory, algorithms, and applications.* 2nd ed. Hoboken, N.J. : Wiley. 621.3015152433 G69



Hart, Daniel W. (2011). *Power electronics*. New York : McGraw-Hill. 621.317 H25

Hauck, John. (2011). *Electrical design of commercial and industrial buildings.* Sudbury, Mass. : Jones and Bartlett. 621.31924 H29

Hinrichs, Roger A., et.al. (2012). *Energy: Its use and the environment.* 5th ed. Australia : Brooks/Cole Cengage Learning. 621.042 H59

Hicks, Tyler G. (2012). *Handbook of energy engineering calculations*. New York : McGraw-Hill. 621.0420151 H52

Hueber, Gernot., ed. et.al. (2011). *Multi-Mode/Multi-Band RF transceivers for Wireless Communications: Advanced techniques, architectures, and trends*. New York : Wiley. 621.384 M91

Ingle, Vinay K. and Proakis, John G. (2012). *Essentials of digital signal processing using MATLAB.* Canada : Cengage. 621.3822 In44

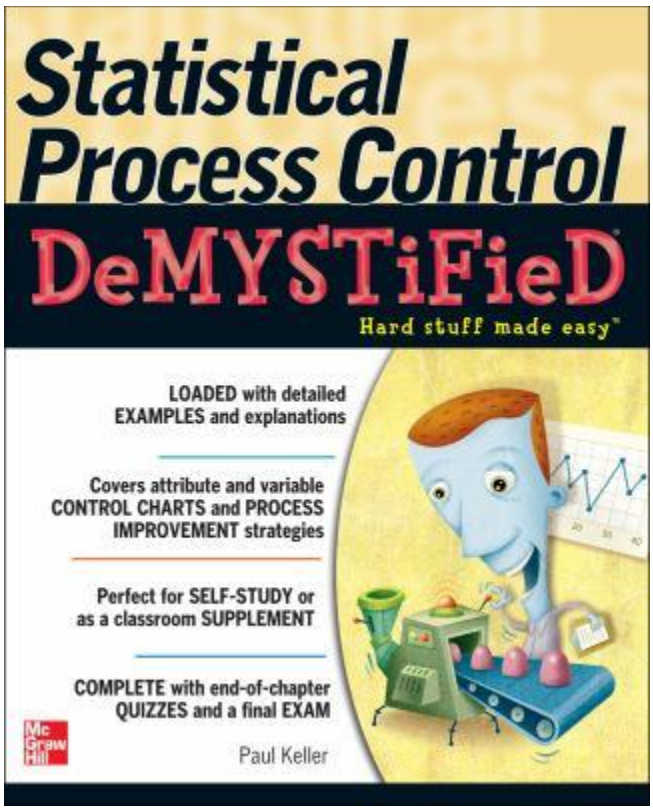
Iniewski, Krzyszrtof. (2012). *Advanced circuits for emerging technologies.* Hoboken, NJ : John Wiley and Sons. 621.395 Ad95

Irwin, J. David., et.al. (2011). *Engineering circuit analysis.* 10th ed. Hoboken, N.J. : John Wiley & Sons. 621.3192 Ir9

Jahns, Jurgen and Helfert, Stefan. (2012). *Introduction to micro- and nanooptics.* Weinheim, Germany : Wiley-VCH. 621.3693 J19

Karlen, Mark., et.al. (2012). *Lighting design basics.* 2nd ed. Hoboken : Wiley. 621.32 K14

Ke, Changhong. (2012). *Recent advances in nanotechnology*. Toronto : Apple Acamedic Press. 620.5 R24



Keller, Paul. (2011). Statistical process control demystified. New York : McGraw-Hill. 629.831 K28

Kitcher, Christopher. (2012). *A practical guide to renewable energy: microgeneration systems and their installation*. London ; New York : Routledge. 621.042 K42

Lantos, Bela., et.al. (2011). *Nonlinear control of vehicles and robots.* London : Springer. 629.892 L29

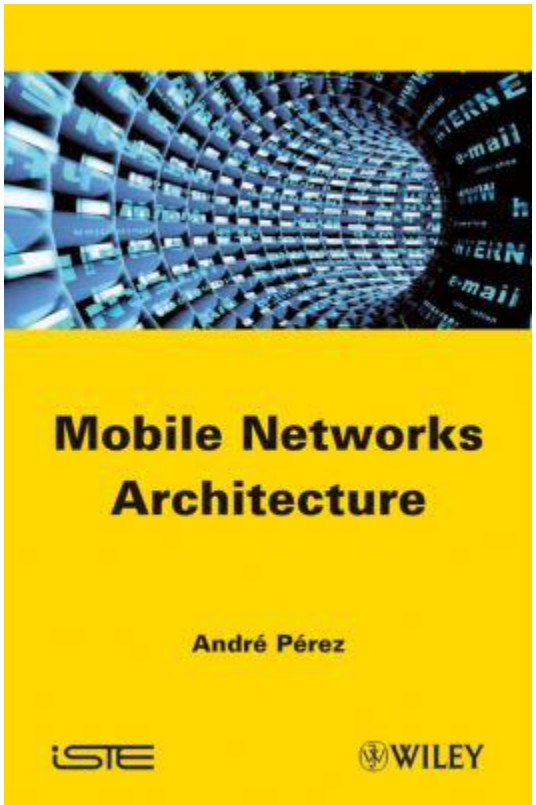
McEvoy, Augustin. (2012). *Practical handbook of photovoltaics* : fundamentals and applications. 2nd ed. UK : Elsevier. 621.381542 P88

Makaya, Christian., ed. et.al. (2012). *Emerging wireless networks: concepts, techniques, and applications.* Boca Raton: CRC Press. 621.382 Em32

Nise, Norman S. (2011). *Control systems engineering.* 6th ed. Hoboken, NJ : John Wiley & Sons. 629.8 N63

Oriyano, Sean-Philip., et.al. (2011). *Hacker techniques, tools, and incident handling.* Sudbury, Mass. : Jones & Bartlett Learning. 621.38 Or49

Perez, Andre. (2012). *Mobile networks architecture.* London : ISTE and Wiley. 621.38456 P41



Roberts, M.J. (2012). *Signals and systems : analysis using transform methods and MATLAB*. 2nd ed. New York : McGraw-Hill. 621.3822 R54

Saxby, Graham. (2011). *The science of imaging: an introduction.* 2nd ed. Boca Raton, FL : CRC Press. 621.367 Sa97

Schiller, Brad. (2011). *The automated lighting programmer's handbook.* 2nd ed. Amsterdam: Elsevier. 621.321 Sch33

Singh, Chandra Subhash. (2012). Nanomaterials *: processing and characterization with lasers*. Weinheim, Germany : Wiley-VCH. 620.5 N15

Visser, Hubregt J. (2012). *Antenna theory and applications.* Chichester, West Sussex, U.K. ; Hoboken : John Wiley & Sons. 621.3824 V82

Vittoria, Carmine. (2011). *Magnetics, dielectrics and wave propagation with MATLAB codes*. Boca Raton : CRC Press 621.34 V83

Wilson, Peter. (2012). *The circuit designer's companion*. 3rd ed. UK : Elsevier. 621.3815 W69

Zhang, Yan., ed. et.al. (2011). *Game theory for wireless communications and networking.* Boca Raton : CRC Press. 621.382015193 G14

INDUSTRIAL ENGINEERING

Chaffey, Dave and Chadwick, Fiona Ellis. (2012). *Digital marketing : strategy, implementation and practice.* 5th ed. England : Pearson. 658.87202854678 C34

O'connor, Patrick D. T., et.al. (2012). *Practical reliability engineering.* United Kingdom : Wiley. 620.00452 Oc5

Schmitt, Neal. (2012). *The Oxford handbook of personnel assessment and selection*. New York : Oxford. 658.311 Ox22

Bhattacharya, CB., et.al. (2011). *Leveraging corporate responsibility: the stakeholder route to maximizing business and social value*. Cambridge ; New York : Cambridge University Press. 658.408 B46

Black, JT. and Kohser, Ronald A. (2013). *DeGarmo's materials and processes in manufacturing.* 11th ed. Asia : John Wiley and Sons. 670 B56

Boginski, Vladimir L. (2012). *Sensors : theory, algorithms and applications*. New York : Springer. 681.2 Se59

Bubonia, Janace E. (2012). *Apparel production terms and processes.* New York : Fairchild Books. 687.014 C85

El-Halwagi, Mahmoud M. (2012). *Sustainable design through process integration : fundamentals and applications to industrial population prevention, resource conservation, and profitability enhancement*. UK : Elsevier. 660.28 El39

Franz, Laura. (2012). *Typographic web design : how to think like a typographer in HTML and CSS*. UK : John Wiley and Sons. 686.22 L37

Frost, Chris. (2012). *Designing for newspapers and magazines*. 2nd ed. London ; New York : Routledge. 686.2252 F92

Hausman, Kirk. (2011). *Sustainable enterprise architecture*. Boca Raton, Fla. : Crc ; London : Taylor & Francis. 658.403811 H29

Hoffman, Angella L. (2013). *Fundamentals of retail buying with merchandising math.* Upper Saddle River, N.J. : Pearson. 658.871 H67

Kotler, Philip., et.al. (2012). *A framework for marketing management.* 5th ed. Toronto, Canada : Pearson Education. 658.8 K84

Kroenke, David M. (2012). *MIS essentials*. 2nd ed. Boston : Pearson Education. 658.4038011 K91

Langton, David., et.al. (2011). *Visual marketing*. Hoboken, N.J. : Wiley. 658.8 L26

Lerner, Brenda Wilmoth and Lerner, K. Lee. (2012). *Biotechnology : in context*. Detroit : Gale Cengage. 660.6 B52. 2 vols.

Shmulsky, Rubin., et.al. (2011). *Forest products and wood science: an introduction.* 6th ed. Chichester : Ames, Iowa : Wiley-Blackwell. 674 Sh69

Smith, Mari. (2011). *The new relationship marketing: how to build a large, loyal, profitable network using the social web.* Hoboken, N.J. : John Wiley & Sons. 658.872 Sm51

Thompson, Rob. (2011). *The manufacturing guides: prototyping and low-volume production*. London: Thames & Hudson. 670 T46

MECHANICAL ENGINEERING

Balmer, Robert T. (2011). *Modern engineering thermodynamics.* Amsterdam ; Boston : Academic Press. 621.4021 B21

Cengel, Yunus A. and Ghajar, Afshin J. (2011). *Heat and mass transfer: fundamentals and applications.* Singapore: McGraw-Hill. 621.4022 C33

Dill, Ellis H. (2012). *The finite element method for mechanics of solids with ANSYS applications*. New York : Taylor and Francis Group. 620.00151825 D58

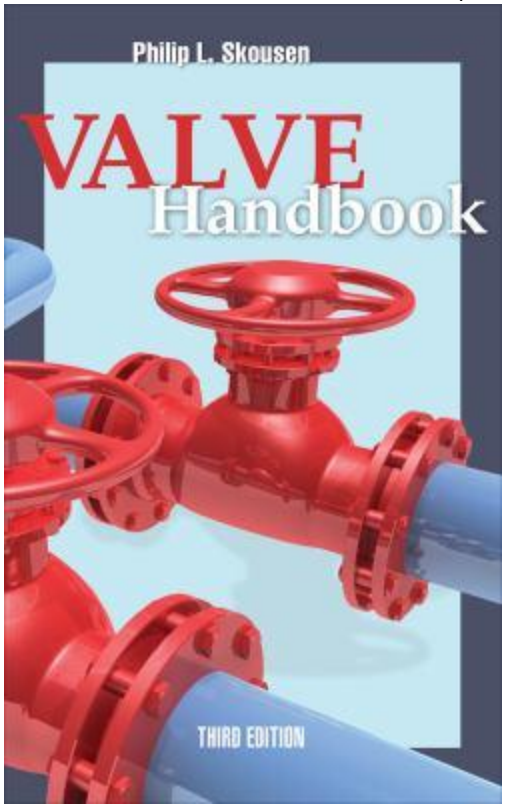
DiPippo, Ronald. (2012). *Geothermal power plants : principles, applications, case studies and environmental impact.* 3rd ed. Waltham, MA : Elsevier. 621.44 D62

Halderman, James D. (2012). *Automotive technology : principles, diagnosis and service*. 4th ed. New Jersey : Pearson. 629.2872 H12

Kundu, Pijush K. (2012). *Fluid mechanics*. 5th ed. UK : Elsevier. 620.106 K96

Post, Scott. (2011). *Applied and computational fluid mechanics*. Sudbury, Mass. : Jones and Barlett. 620.106 P84

Potter, Merle. (2012). *Mechanics of fluids*. 4th ed. Stamford, CT: Cengage. 620.106 P85

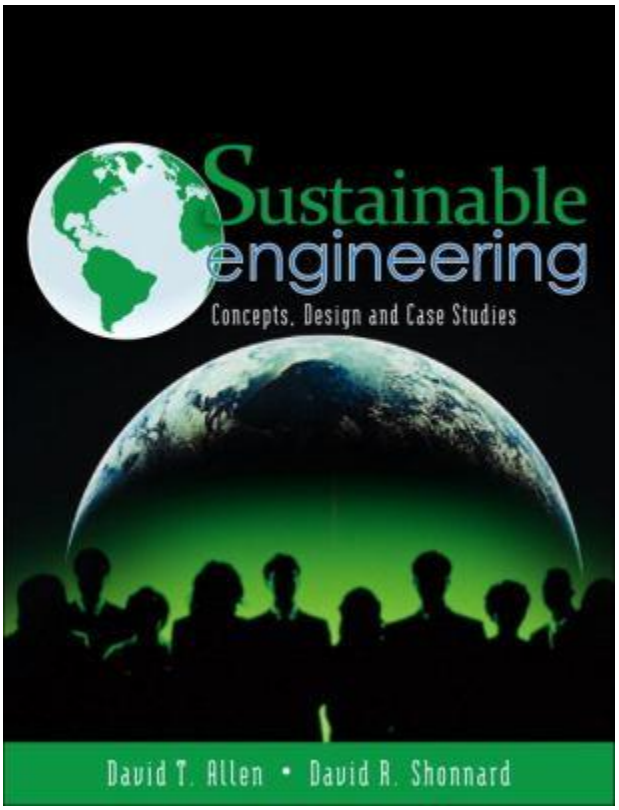


Skousen, Philip L. (2011). *Valve handbook.* New York: McGraw-Hill. 621.84 Sk58

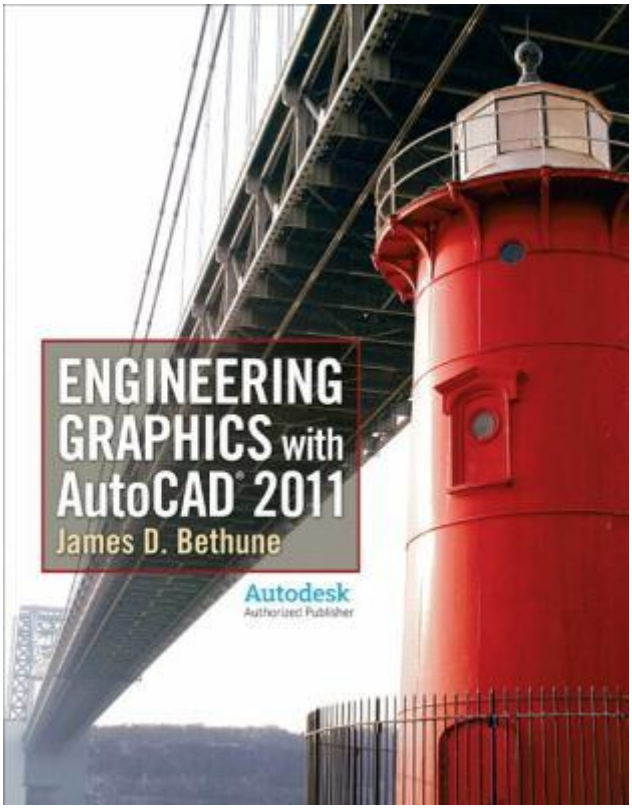
Wang, Xinwei. (2012). *Experimental micro/nanoscale thermal transport*. Hoboken, NJ : John Wiley and Sons. 620.11596 W18

ENGINEERING GENERAL

Allen, David T., et.al. (2012). *Sustainable engineering: concepts, design, and case studies.* Upper Saddle River, NJ : Prentice Hall. 620.8 Al53



Allenby, Braden R. (2012). *The theory and practice of sustainable engineering*. Upper Saddle River: Prentice Hall. 620.001 Al54



Bethune, James D. (2011). *Engineering graphics with AutoCAD 2011.* Upper Saddle River, N.J. : Prentice Hall. 604.2 B46

Grabowski, Ralph. (2011). *The illustrated AutoCAD 2011: quick reference.* Australia : Cengage Learning. 620.00420285 G72

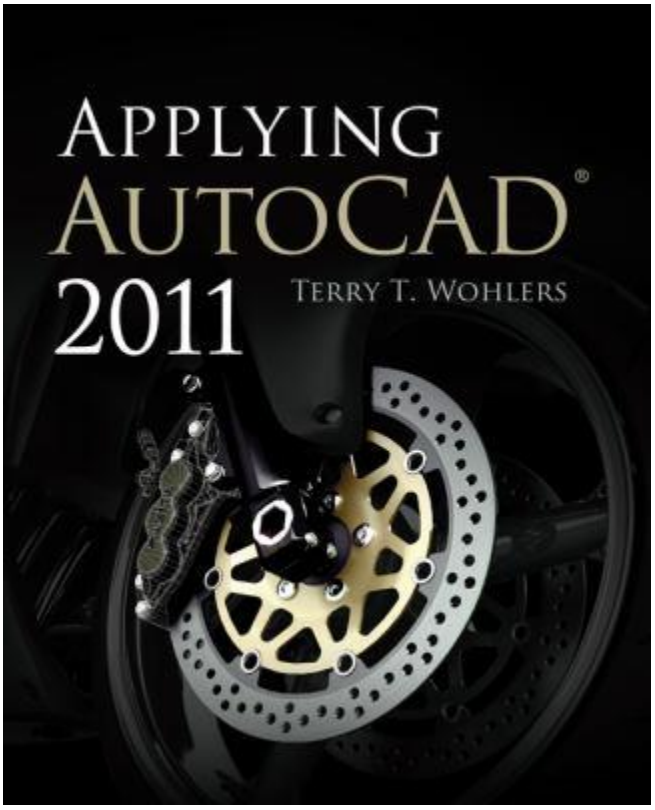
Greipsson, Sigurdur. (2011). *Restoration ecology*. Sudbury, MA : Jones and Bartlett Publishers. 639.9 G86

Leach, James. A., et.al. (2011). *AutoCAD 2012 Instructor: a student guide to complete coverage of AutoCAD's commands and features.* New York : McGraw-Hill. 620.00420285536 L46

Madsen, David A. and Madsen, David P. (2012). *Engineering drawing and design*. 5th ed. New York : Delmar, Cengage. 604.2 M26

Nair, Sudhakar. (2011). *Advanced topics in applied mathematics for engineering and the physical sciences.* 620.00151 N14

Tickoo, Sham. (2011). *Customizing AutoCAD 2011*. Australia ; United States : Cengage Learning : Autodesk Press : Cadcim Technologies. 604.2 T55



Wohlers, Terry T. (2011). *Applying Autocad.* New York: McGraw-Hill. 620.00420285536

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