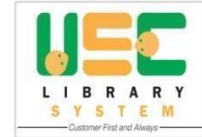




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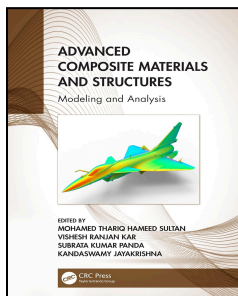


## New Acquisitions List School of Engineering

1st Semester  
A.Y. 2024-2025

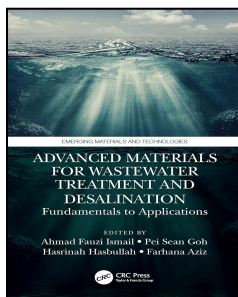
### Science and Technology

Location: Third Floor



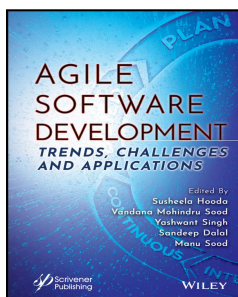
*Advanced composite materials and structures: modeling and analysis.* (2023). CRC Press.

[620.118 Ad95]



*Advanced materials for wastewater treatment and desalination: fundamentals to applications.* (2023). CRC Press.

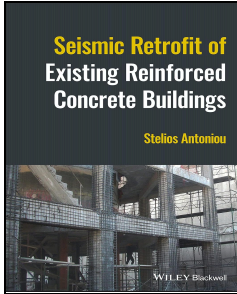
[628.3 Ad95]



*Agile software development: trends, challenges, and applications.* (2023). Scrivener Publishing LLC.

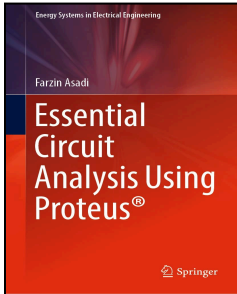
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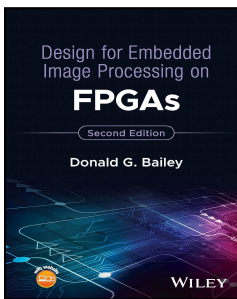
Antoniou, S. (2023). *Seismic retrofit of existing reinforced concrete buildings*. John Wiley & Sons Ltd.

**[624.18341 An88]**



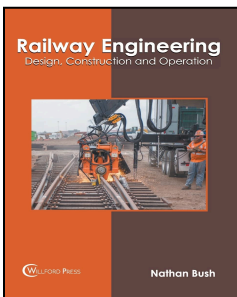
Asadi, F. (2023). *Essential circuit analysis using proteus*. Springer Nature Singapore, Pte Ltd.

**[621.3192 As11]**



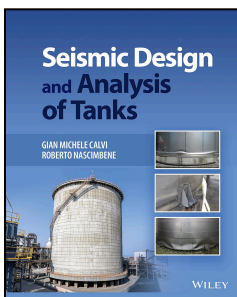
Bailey, D. G. (2024). *Design for embedded image processing on FPGAs*. (2nd ed.). John Wiley & Sons, Ltd.

**[621.395 B15]**



Bush, N. (2023). *Railway engineering: design, construction, and operation*. Willford Press.

**[625.1 B96]**

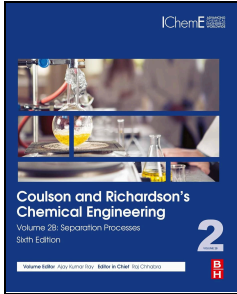


Calvi, G. M. (2023). *Seismic design and analysis of tanks*. Wiley.

**[623.74752 C13]**

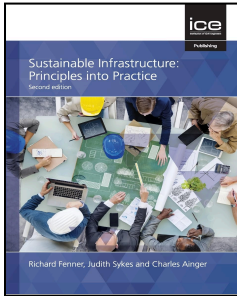
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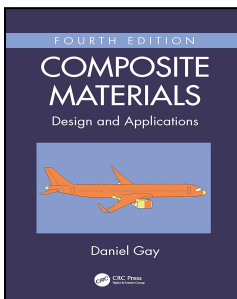
*Coulson and Richardson's chemical engineering: volume 2b: separation processes.* (2023). (6th ed.). Elsevier.

**[620.43 C83]**



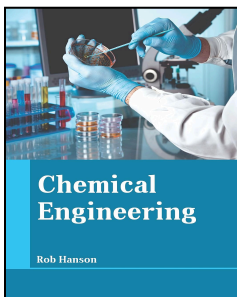
Fenner, R. A. (2023). *Sustainable infrastructure: principles into practice.* (2nd ed.). ICE Publishing.

**[624.18 F36]**



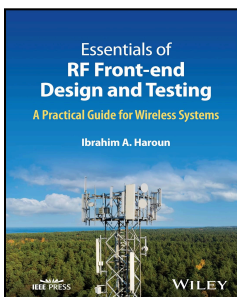
Gay, D. (2023). *Composite materials: design and applications.* (4th ed.). CRC Press.

**[620.118 G25]**



Hanson, R. (2023). *Chemical engineering.* Larsen & Keller.

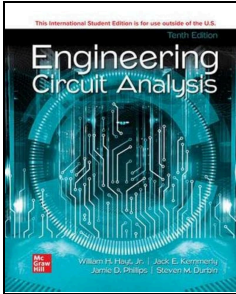
**[660 H19]**



Haroun, I. A. (2024). *Essentials of RF front-end design and testing: a practical guide for wireless systems.* John Wiley & Sons, Inc.

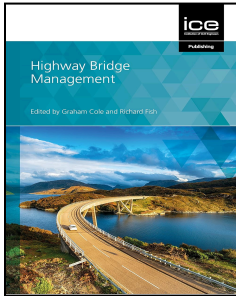
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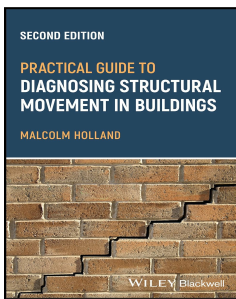
Hayt, W. H. (2024). *Engineering circuit analysis*. (10th ed.). McGraw Hill LLC.

**[621.3192 H33]**



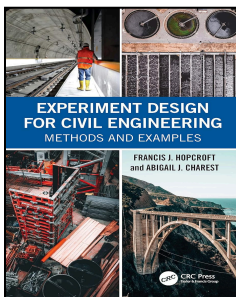
*Highway bridge management*. (2023). ICE Publishing.

**[624.20288 H53]**



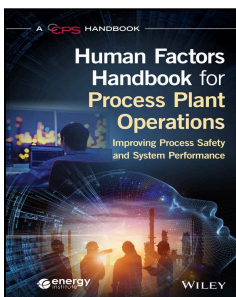
Holland, M. (2023). *Practical guide to diagnosing structural movement in buildings*. (2nd ed.). John Wiley & Sons Ltd.

**[690.21 H71]**



Hopcroft, F. J. (2023). *Experiment design for civil engineering: methods and examples*. CRC Press.

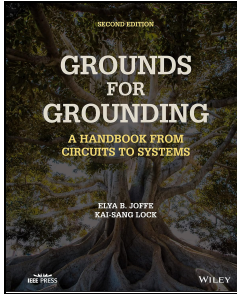
**[624.078 H77]**



*Human factors handbook for process plant operations: improving process safety and system performance*. (2022). Wiley-AIChE.

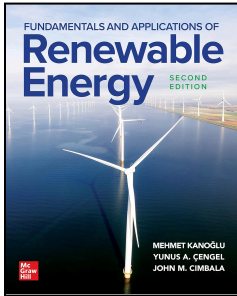
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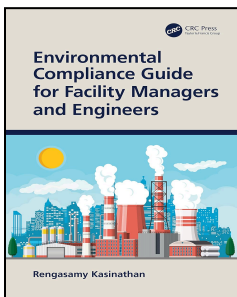
Joffe, E. (2023). *Grounds for grounding: handbook from circuits to systems*. (2nd ed.). John Wiley & Sons, Inc.

[621.317 J59]



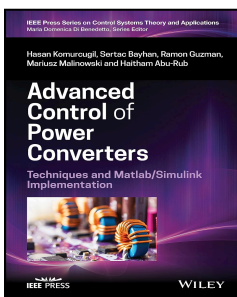
Kanoglu, M. (2023). *Fundamentals and applications of renewable energy*. McGraw Hill.

[621.042 K13]



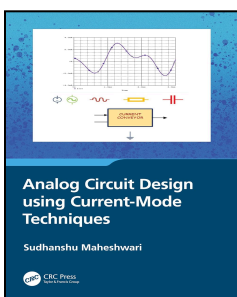
Kasinathan, R. (2023). *Environmental compliance guide for facility managers and engineers*. CRC Press.

[658.408 K15]



Komurcugil, H. (2023). *Advanced control of power converters: techniques and MATLAB/Simulink implementation*. John Wiley & Sons, Inc.

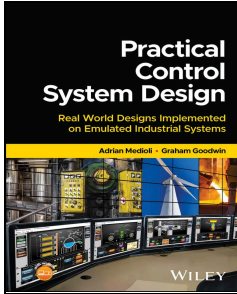
[621.3815322 K83]



Maheshwari, S. (2024). *Analog circuit design using current-mode technique*. CRC Press.

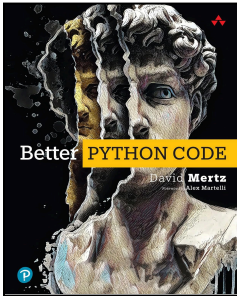
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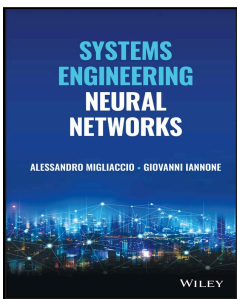
Medioli, A. (2024). *Practical control system design: real world designs implemented on emulated industrial systems*. John Wiley & Sons Ltd.

[629.8 M46]



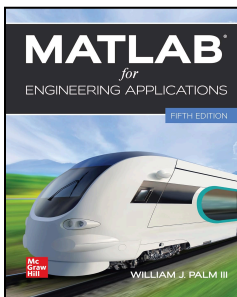
Mertz, D. (2024). *Better Python code: a guide for aspiring experts*. Addison-Wesley.

[005.133 M55]



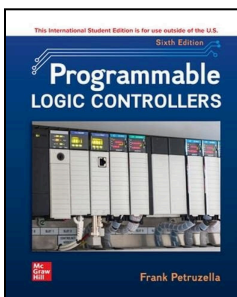
Migliaccio, A. (2023). *Systems engineering neural networks*. John Wiley & Sons, Inc.

[006.32 M58]



Palm, W. J. (2023). *MATLAB for engineering applications*. (5th ed.). McGraw Hill LLC.

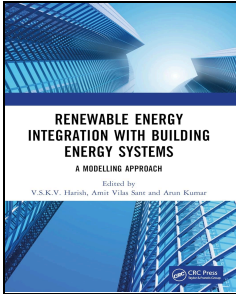
[620.001 P18]



Petruzella, F. D. (2023). *Programmable logic controllers*. (6th ed.). McGraw Hill LLC.

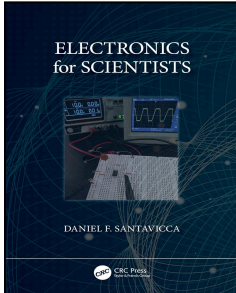
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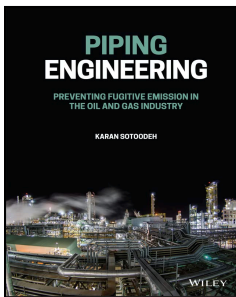
*Renewable energy integration with building energy systems: a modelling approach.* (2023). CRC Press/Taylor & Francis.

**[658.26 R29]**



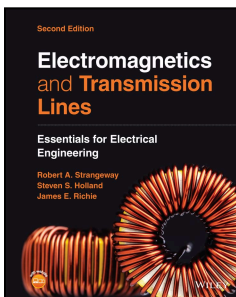
Santavicca, D. F. (2024). *Electronics for scientists.* CRC Press.

**[621.381 Sa59]**



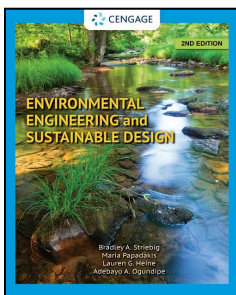
Sotoodeh, K. (2023). *Piping engineering: preventing fugitive emission in the oil and gas industry.* John Wiley & Sons, Inc.

**[621.8672 So78]**



Strangeway, R. A. (2023). *Electromagnetics and transmission lines: essentials for electrical engineering.* (2nd ed.). John Wiley & Sons, Inc.

**[621.3 St81]**

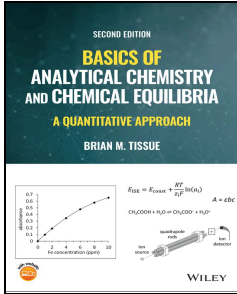


Striebig, B. A. (2023). *Environmental engineering and sustainable design.* (2nd ed.). Cengage Learning, Inc.

**[628 St85]**

*\*Note: Click the picture/citation/call number for more details about the book.*



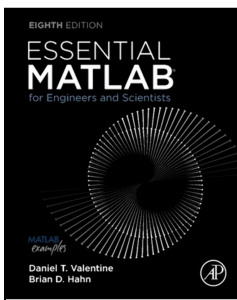


Tissue, B. M. (2023). *Basics of analytical chemistry and chemical equilibria: a quantitative approach*. (2nd ed.). John Wiley & Sons, Inc.

[543 T52]

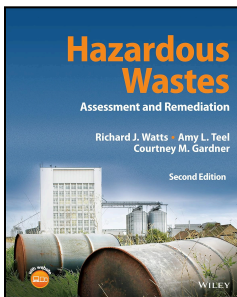
Tyagi, S. (2023). *Sustainable building materials*. Venus Books.

[691 T95]



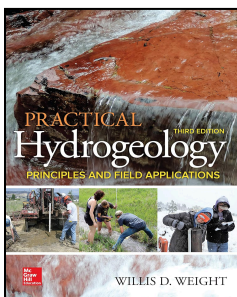
Valentine, D. T. (2023). *Essential MATLAB for engineers and scientists*. (8th ed.). Elsevier.

[519.4028553042 V23]



Watts, R. J. (2023). *Hazardous wastes: assessment and remediation*. (2nd ed.). John Wiley & Sons, Inc.

[628.42 W34]

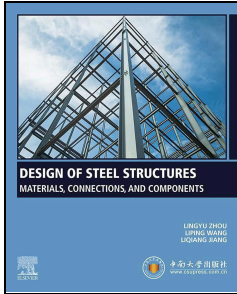


Weight, W. D. (2019). *Practical hydrogeology: principles and field applications*. (3rd ed.). McGraw-Hill Education.

[551.49 W42]

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Zhou, L. (2022). *Design of steel structures: materials, connections, and components*. Elsevier.

[624.1821 Z61]

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