

ATENEO DE MANILA UNIVERSITY
Ateneo Professional Schools Library

Information
Resources
Guide

APPLIED MATHEMATICS



2013 - 2017

#20 Rockwell Drive, Rockwell Center, Makati City
<http://apslibrary.ateneo.edu>

Other Related Terms:

Business Mathematics
Differential Equations, partial
Mathematical analysis
Mathematical models

A. BOOKS (Located at the General Collection Shelves near the Circulation Section)

1. Brechner, Robert A.(2017). Contemporary mathematics for business and consumers. 8th ed. Australia: Cengage Learning. HF 5694 B73 2017
2. Slater, Jeffrey. (2017). Practical business math procedures. 12th ed. New York, N.Y.: McGraw-Hill. HF 5694 S57 2017
3. Wilmott, Paul. (2017). The money formula: dodgy finance, pseudo-science, and how mathematicians took over the markets. UK :Chichester,West Sussex. HG 106 W55
4. Deitz, James E.(2016). Contemporary business mathematics for colleges. 17th ed. Australia: South-Western/ Cengage Learning. HF 5691 D43 2016
5. Brechner, Robert A. (2015). Contemporary mathematics for business and consumers. 7th ed. Australia: Cengage Learning. HF 5694 B73 2015
6. Day, Alastair L. (2015). Mastering financial mathematics in Microsoft Excel: a practical guide for business calculations. 3rd ed. New York: Pearson FT Pub. International. HF 5691 D39 2015
7. Holden, Craig W. (2015). Excel modeling in corporate finance. 5th ed. Boston: Pearson. HG 4012 H65 2015
8. Jacques, Ian. (2015). Mathematics for economics and business. Harlow, England: Pearson. HB 135 J32 2015
9. Mayes, Timothy R. (2015). Financial analysis with Microsoft Excel. 7th ed. Australia: Cengage Learning. HG 4012.5 M29 2015
10. Ragsdale, Cliff T.(2015). Managerial decision modeling and analysis: a practical introduction to business analytics. 7th ed. Australia: Cengage Learning. HD 30.25 R33 2015
11. Afuah, Allan. (2014). Business model innovation: concepts, analysis, and cases. New York, NY: Routledge. HD 30.28 A346

12. Cleaves, Cheryl. (2014). Business math. 10th ed. Boston, Mass.: Pearson. HF 5691 C53 2014
13. Duignan, John. (2014). Quantitative methods for business research: using Microsoft Excel. Australia: Cengage Learning. HD 30.215 D83
14. Francis, Andre.(2014). Business mathematics and statistics. 7th ed. Australia: Cengage Learning. HF 5691 F69 2014
15. Hudson, Matthew. (2014). Funds: private equity, hedge, and all core structures. Chichester: Wiley. HG 4530 H83
16. Miller, Michael B. (2014). Mathematics and statistics for financial risk management. 2nd ed. Hoboken, N.J.: Wiley. HD 61 M53 2014
17. Oakshott, Les. (2014). Quantitative methods. New York: Palgrave Macmillan. HF 5691 O237
18. Slater, Jeffrey.(2014). Practical business math procedures. 11th ed. New York: McGraw-Hill Irwin. HF 5694 S57 2014
19. Slater, Jeffrey.(2014). Math for business and finance: an algebraic approach. New York, NY :McGraw-Hill Irwin. HF 5691 S439
20. Balakrishnan, Nagraj (Raju), Barry Render, Ralph M. Stair. (2013). Managerial decision modeling with spreadsheets. 3rd ed. Boston: Pearson. HD 30.25 R46 2013
21. Bradley, Teresa. (2013). Essential mathematics for economics and business. 4th ed. UK :John Wiley Sons. HF 5691 B7 2013
22. Brigo, Damiano, Massimo Morini, Andrea Pallavicini. (2013). Counterparty credit risk, collateral and funding :with pricing cases for all asset classes. Chichester :John Wiley & Sons Inc. HG 106 B74
23. Curwin, Jon, Roger Slater, David Eadson. (2013). Quantitative methods for business decisions. 7th ed. Australia: Cengage Learning. HF 5691 C87 2013
24. Davenport, Thomas H., Jinho Kim. (2013). Keeping up with the quants: your guide to understanding and using analytics. Boston, Massachusetts: Harvard Business Review Press. HD 30.25 D36
25. Deitz, James E.. (2013). Contemporary business math for colleges. 16th ed. Australia: South-Western/ Cengage Learning. HF 5691 D43 2013
26. Economic policies of the new thinking in economics /edited by Philip Arestis and Malcolm Sawyer. (2013). London: Routledge. HB 171 E26

27. Garrett, S.J. (2013). Introduction to the mathematics of finance. 2nd ed. Oxford: Elsevier. HF 5691 G37 2013
28. Helbaek, Morten, Ragnar Lovaas and Jon Mjølhus. (2013). Financial modelling and asset valuation with Excel. London: Routledge. HG 106 H45
29. Jacques, Ian. (2013). Mathematics for economics and business. Harlow, England: Prentice Hall. HB 135 J32 2013
30. Laguna, Manuel, Johan Marklund. (2013). Business process modeling, simulation, and design. 2nd ed. Boca Raton: Taylor & Francis. HD 62.17 L34 2013
31. Mathile, Clay. (2013). Run your business, don't let it run you: learning and living professional management. San Francisco, CA :Berrett-Koehler Pub. HD 31 M337
32. Pfaff, Bernhard. (2013). Financial risk modelling and portfolio optimization with R. Hoboken, N.J.: Wiley. HG 106 P484
33. Rethinking valuation and pricing models: lessons learned from the crisis and future challenges /edited by Carsten Wehn, Christian Hoppe, Greg N. Gregoriou. (2013). Oxford, UK: Elsevier/Academic Press. HG 4028 V3R48 2013
34. Soubeiga, Eric. (2013). Mastering financial modeling: a professional's guide to building financial models in Excel. New York: McGraw-Hill. HG 106 S62

B. NON-PRINT (CD's, DVD's, VHS) (Located at the Information Commons Section)

1. Allman, Keith A. (2009). Reverse engineering deals on Wall Street with Microsoft Excel: a step-by-step guide. Hoboken, N.J.: John Wiley Sons. 1 CD-ROM. HG 176.7 A45
2. An introduction to management science: quantitative approaches to decision making. (2011). 13th ed. Mason, OH :Cengage South Western. : 1 CD-ROM . HD 20.4 A55 2011
3. Balakrishnan, Nagraj. (2007). Managerial decision modeling with spreadsheets. 2nd ed. 1 CD ROM HD 30.25 R46 2007
4. Brechner, Robert A. (2009). Contemporary mathematics for business and consumers. 5th ed. Mason, OH :South-Western Cengage Learning. 1 CD-ROM. HF 5694 B73 2009.

5. Fletcher, S.(Shayne). (2009). Financial modelling in Python. Chichester, West Sussex :John Wiley Sons. 1 CD-ROM.HG 106 F59
6. Introduction to management science: quantitative approaches to decision making. 12th ed. Australia :Thomson. 1 CD ROM HD 20.4 A55 2008
7. Kros John F. (2008). Spreadsheet modeling for business decisions. New York :McGraw-Hill/Irwin. 1 CD ROM HD 30.23 K77
8. Rees, Michael. (2008). Financial modelling in practice :a concise guide for intermediate and advanced level. Hoboken, NJ :Wiley. 1 CD ROM. HG 106 R44
9. Render, Barry. (2009). Quantitative analysis for management. 10th ed. Singapore :Pearson/Prentice Hall. 1 CD-ROM. T 56 R544 2009
10. Slater, Jeffrey. (2011). Practical business math procedures. 10th ed. Boston: Irwin/McGraw-Hill. 1 DVD ROM. HF 5694 S57 2011
11. Slater, Jeffrey. (2008). Practical business math procedures. 9th ed. Boston: Irwin/McGraw-Hill. 1 DVD ROM. HF 5694 S57 2008
12. Swan, Jonathan. (2008). Practical financial modelling: a guide to current practice. 2nd ed. Amsterdam: Elsevier. 1 CD ROM . HG 4012 S93 2008
13. Waters, Donald. (2008). Quantitative methods for business. 4th ed. Harlow, England :Prentice Hall. 1 CD ROM . HD 30.25 W384 2008
14. Webber, Nick. (2011). Implementing models of financial derivatives: object oriented applications with VBA. Chichester, West Sussex, UK :Wiley. : 1 CD-ROM HG 6024 A3W43
15. Xekalaki, Evdokia. (2010). ARCH models for financial applications. Chichester, UK :Wiley. 1 CD-ROM. HG 106 X45

C. ELECTRONIC BOOKS (Gale E-Reference)

1. The Concise Encyclopedia of Statistics, 2008
2. Encyclopedia of Curriculum Studies, 2010
3. Encyclopedia of Production and Manufacturing Management, 2000
4. Financial Service: Ferguson's Careers in Focus, 2004
5. Gaming and Simulations: Concepts, Methodologies, Tools, and Applications, 2011

D. E-JOURNALS at EBSCOHOST ONLINE DATABASE

- 1. Applied Mathematical Finance**
Bibliographic Records:09/01/1994 To Present
Full Text:09/01/1994 To Present (With A 18 Month Delay)
*Full Text Delay Due To Publisher Restrictions(“Embargo”)
Publisher Information: Routledge
Description: Encourages the confident use of applied mathematics & mathematical modeling in finance.
- 2. Applied Mathematics & Optimization**
Bibliographic Records:01/01/1996 To Present
Full Text:01/01/1996 To Present (With A 12 Month Delay)
*Full Text Delay Due To Publisher Restrictions(“Embargo”)
Publisher Information: Springer Science & Business Media B.V.
Description: Contains original work on mathematical problems of optimization.
- 3. Decisions In Economics & Finance**
Bibliographic Records:05/01/2003 To Present
Full Text:05/01/2003 To Present (With A 12 Month Delay)
*Full Text Delay Due To Publisher Restrictions(“Embargo”)
Publisher Information: Springer Science & Business Media B.V.
Description: The official publication of the Association for Mathematics. Concerned with applied mathematics.
- 4. IIE Transactions**
Bibliographic Records:07/01/1996 To Present
Full Text:01/01/2001 To Present (With A 18 Month Delay)
*Full Text Delay Due To Publisher Restrictions(“Embargo”)
Publisher Information: Taylor & Francis Ltd
Description: Original research articles for industrial engineering professionals. Science and mathematics of engineering with practical applications.
- 5. Journal Of Applied Mathematics & Decision Sciences**
Bibliographic Records:03/01/2001 To Present
Full Text:03/01/2001 To Present
Publisher Information: Hindawi Limited, London
Description: Contains papers treating applied (practical) problems of mathematics, operations research and statistics without compromising mathematical precision.

6. [Studies In Applied Mathematics](#)

Bibliographic Records:01/01/1998 To Present

Full Text:01/01/1998 To Present (With A 12 Month Delay)

*Full Text Delay Due To Publisher Restrictions(“Embargo”)

Publisher Information: Wiley-Blackwell

Description: Explores the interplay between mathematics and the applied disciplines. Topics include propagation, equilibrium, stability, optimization, and discrete and random processes.

in the area of management sciences.

Prepared April 2018
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