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***Schaum's Outline of Mathematics for Elementary School Teachers***,  
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***Handbook of Integrals and Series: Elementary Functions***, Volume 1,  
Chapman and Hall/CRC, February 2016. ISBN 978-1439828960. [Hardcover >>](#).
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***Handbook of Integrals and Series: Special Functions***, Volume 2,  
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5. Das Ashok, Okubo Susumu,  
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6. Polyanin Andrei D., Zaitsev Valentin F.,  
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Chapman and Hall/CRC, January 2016. ISBN 978-1466569379. [Hardcover >>](#).
7. Shahshahani Siavash,  
***An Introductory Course on Differentiable Manifolds***,  
Dover Publications, August 2016. ISBN 978-0486807065. [Paperback >>](#).

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8. Abbott Stephen,  
***Understanding Analysis***,  
2nd Edition, Springer 2015. ISBN 978-1493927111. [Hardcover >>](#).
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***The Gamma Function***,  
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10. Brannan James R., Boyce William E.,  
***Differential Equations: An Introduction to Modern Methods and Applications***,  
Wiley 2015. ISBN 978-1118531778. [Hardcover >>](#).
11. Brockschneider Gero,  
***Asymptotics of Cubic Number Fields with Bounded Second Successive Minimum of the Trace Form***,  
Anchor Academic Publishing 2015. ISBN 978-3954893898. [Paperback >>](#).
12. Chirikjian Gregory S., Kyatkin Alexander B.,  
***Harmonic Analysis for Engineers and Applied Scientists***,  
Dover Publications 2015. ISBN 978-0486795645. [Paperback >>](#).
13. Davis Harold T.,  
***The Summation of Series***,  
Dover Publications 2015. ISBN 978-0486789682. [Paperback >>](#). [Kindle >>](#).
14. de Branges Louis, Rovnyak James,  
***Square Summable Power Series***,  
Reissue Edition, Dover Publications 2015. ISBN 978-0486789996. [Paperback >>](#). [Kindle >>](#).
15. Garrity Thomas A.,  
***Electricity and Magnetism for Mathematicians: A Guided Path from Maxwell's Equations to Yang-Mills***,  
Cambridge University Press 2015. ISBN 978-1107435162. [Paperback >>](#). [Kindle >>](#).
16. Hastings Cliff, Mischo Kelvin, Morrison Michael,  
***Hands-On Start to Wolfram Mathematica***,  
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17. Higham Nicholas J., Dennis Mark R., Glendinning Paul, Martin Paul A., Santosa Fadil, Tanner Jared, Editors,  
**The Princeton Companion to Applied Mathematics**,  
Princeton University Press 2015. ISBN 978-0691150390. Hardcover >>. Kindle >>.
18. Kendig Keith,  
**Elementary Algebraic Geometry**,  
2nd Edition, Dover Publications 2015. ISBN 978-0486786087. Paperback >>. Kindle >>.
19. Kilford Lloyd J.P.,  
**Modular Forms: A Classical and Computational Introduction**,  
2nd Edition, Imperial College Press 2015. ISBN 978-1783265459. Hardcover >>. Kindle >>.
20. Lehner Joseph,  
**A short Course in Automorphic Functions**,  
Reprint Edition, Dover Publications 2015. ISBN 978-0486789743. Paperback >>. Kindle >>.
21. Mazur Berry, Stein William,  
**Prime Numbers and the Riemann Hypothesis**,  
Cambridge University Press 2015. ISBN 978-1107499430. Paperback >>. Kindle >>.
22. Penney Richard C.,  
**Linear Algebra: Ideas and Applications**,  
**4th Edition**, Wiley 2015. ISBN 978-1118909584. Hardcover >>. Kindle >>.
23. Shearer Michael, Levy Rachel,  
**Partial Differential Equations: An Introduction to Theory and Applications**,  
Princeton University Press 2015. ISBN 978-0691161297. Hardcover >>. Kindle >>.
24. Saks Stanislaw,  
**Theory Of The Integral**,  
Reprint Edition, Scholar's Choice 2015. ISBN 978-1296032173. 1st Edition 1937. Paperback >>.
25. Saxena Vishnu N., Saxena Pooja,  
**The Wavelet Transform: An Introduction**,  
Create Space Independent 2015. ISBN 978-1515199410. Paperback >>. Kindle >>.
26. Silverman Joseph H., Tate John T.,  
**Rational Points on Elliptic Curves**,  
2nd Edition, Springer 2015. ISBN 978-3319185873. Hardcover >>.
27. Stone James,  
**Information Theory: A Tutorial Introduction**,  
Sebtel Press 2015. ISBN 978-0956372857. Paperback >>.
28. Vazzana Anthony, Garth David,  
**Introduction to Number Theory**,  
Chapman and Hall/CRC 2015. ISBN 978-1498717496. Hardcover >>. Kindle >>.

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### Year 2014

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29. Aigner Martin, Ziegler Günter, Hofmann Karl H.,  
**Proofs from THE BOOK**,  
**5th Edition**, Springer 2014. ISBN 978-3662442043. Hardcover >>.
30. Alcock Lara,  
**How to Think about Analysis**,  
Oxford University Press 2014. ISBN 978-0198723530. Paperback >>. Kindle >>.
31. Ash Avner, Gross Robert,  
**Elliptic Tales: Curves, Counting, and Number Theory**,  
Princeton University Press 2014. ISBN 978-0691163505. Paperback >>. Kindle >>.
32. Auslander Maurice, Buchsbaum David,  
**Group, Rings, Modules**,  
Dover Publications 2014. ISBN 978-0486490823. Paperback >>. Kindle >>.
33. Axler Sheldon,  
**Linear Algebra Done Right**,  
**3rd Edition**, Springer 2014. ISBN 978-3319110790. Hardcover >>.
34. Bimbo Katalin,  
**Proof Thory: Sequent Calculi and Related Formalisms**,  
Chapman and Hall/CRC 2014. ISBN 978-1466564664. Hardcover >>. Kindle >>.
35. Björck Ake,  
**Numerical Methods in Matrix Computations**,  
Springer 2014. ISBN 978-3319050881. Hardcover >>.
36. Bronson Richard, Costa Gabriel,  
**Schaum's Outline of Differential Equations**,  
**4th Edition**, McGraw-Hill 2008. ISBN 978-0071824859. Paperback >>. Kindle >>.
37. Conover Robert A.,  
**A First Course in Topology: An Introduction to Mathematical Thinking**,  
Dover Publications 2014. ISBN 978-0486780016. Paperback >>. Kindle >>.
38. Cooper Tim for Amches Inc.,  
**Advanced Mathematics for FPGA and DSP Programmers**,  
Leapin Leo Press 2014. ISBN 978-0979058110. Paperback >>. Kindle >>.
39. Dray Tevian,  
**Differential Forms and the Geometry of Special Relativity**,  
A K Peters/CRC Press 2014. ISBN 978-1466510005. Hardcover >>. Kindle >>.
40. Ghrist Robert,  
**Elementary Applied Topology**,  
Create Space Independent 2014. ISBN 978-1502880857. Paperback >>.

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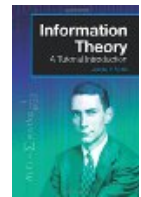
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41. Havil Julian,  
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Princeton University Press 2014. ISBN 978-0691163536. [Paperback >>](#). [Kindle >>](#).
42. Hirschman Isidore I.,  
***Infinite Series,***  
Reprint Edition, Dover Publications 2014. ISBN 978-0486789750. [Paperback >>](#). [Kindle >>](#).
43. Iwaniec Henryk,  
***Lectures on the Riemann Zeta Function,***  
AMS, American Mathematics Society 2014. ISBN 978-1470418519. [Paperback >>](#).
44. Johnstone P.T.,  
***Topos Theory,***  
Re-Edition, Dover Publications 2014. ISBN 978-0486493367. [Paperback >>](#). [Kindle >>](#).
45. Lawrence J. Dennis,  
***A Catalog of Special Plane Curves,***  
Re-Edition, Dover Publications 2014 (1st Ed. 1972). ISBN 978-0486602882. [Paperback >>](#). [Kindle >>](#).
46. Levy Joel,  
***A Curious History of Mathematics: The Big Ideas from Early Number Concepts to Chaos Theory,***  
Andre Deutsch 2014. ISBN 978-0233003856. [Hardcover >>](#).
47. Mazur Joseph,  
***Enlightening Symbols: A Short History of Mathematical Notation and Its Hidden Powers,***  
Princeton University Press 2014. ISBN 978-0691154633. [Hardcover >>](#). [Kindle >>](#).
48. Mercer Peter R.,  
***More Calculus of a Single Variable,***  
Springer 2014. ISBN 978-1493919253. [Hardcover >>](#).
49. Metin Bektas,  
***Math Shorts,***  
Self-published 2014. A series of Kindle books:  
***Derivatives,*** [Kindle >>](#).  
***Derivatives II,*** [Kindle >>](#).  
***Integrals,*** [Kindle >>](#).  
***Integrals II,*** [Kindle >>](#).  
***Excercises to Integrals,*** [Kindle >>](#).  
***Set Theory,*** [Kindle >>](#).  
***Introduction to Differential Equations,*** [Kindle >>](#).
50. Muscat Joseph,  
***Functional Analysis: An Introduction to Metric Spaces, Hilbert Spaces, and Banach Algebras,***  
Springer 2014. ISBN 978-3319067278. [Hardcover >>](#).
51. Murty M. Ram, Rath Purusottam,  
***Transcendental Numbers,***  
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52. Nahin Paul J.,  
***Inside Interesting Integrals: A Collecion of Sneaky Tricks, Sly Substitutions, and ...,***  
Springer 2014. ISBN 978-1493912766. [Paperback >>](#).
53. Neuenschwander Dwight E.,  
***Tensor Calculus for Physics: A Concise Guide,***  
Johns Hopkins University Press 2014. ISBN 978-1421415659. [Paperback >>](#). [Kindle >>](#).
54. Pinter Charles C.,  
***A Book of Set Theory,***  
Dover Publications 2014. ISBN 978-0486497082. [Paperback >>](#). [Kindle](#).
55. Pitici Mircea, Editor,  
***The Best Writing on Mathematics 2014,***  
Princeton University Press 2014. ISBN 978-0691164175. [Paperback >>](#).
56. Polya Gyorgy,  
***How to Solve It: A New Aspect of Mathematical Method,***  
reprint Edition, Princeton University Press 2014. ISBN 978-0691164076. 1st Edition 1945. [Paperback >>](#).  
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57. Prasad Amritanshu,  
***Representation Theory: A Combinatorial Viewpoint,***  
Cambridge University Press 2014. ISBN 978-1107082052. [Paperback >>](#).
58. Ryan Mark,  
***Calculus for Dummies,***  
2nd Edition, For Dummies 2014. ISBN 978-1118791295. [Paperback >>](#). [Kindle >>](#).
59. Satyanarayana Bhavanari, Prasad Kuncham S.,  
***Discrete Mathematics and Graph Theory,***  
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60. Spivak David I.,  
***Category Theory for the Sciences,***  
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61. Stoyanov Jordan M.,  
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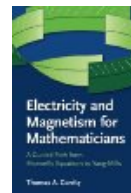
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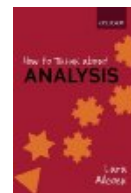
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66. Cox David A.,  
**Primes of the Form  $x^2+ny^2$ ,** Fermat, Class Field Theory, and Complex Multiplication,  
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67. Das Abhijit,  
**Computational Number Theory,**  
Chapman and Hall/CRC 2013. ISBN 978-1439866153. Hardcover >>. Kindle >>.
68. Erdelyi Arthur,  
**Operational Calculus and Generalized Functions,**  
Reprint of 1962 Edition, Dover Publications 2013. ISBN 978-0486497129. Paperback >>. Kindle >>.
69. Foucart Simon, Rauhut Holger,  
**A Mathematical Introduction to Compressive Sensing,**  
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70. Gelfand Israel M., Saul Mark,  
**Trigonometry,**  
Birkhäuser 2013. ISBN 978-08117639143. Paperback >>.
71. Gelfand Israel M., Shen Alexander,  
**Algebra,**  
Birkhäuser 2013. ISBN 978-0817636777. Paperback >>.
72. Gelman Andrew, Carlin John B., Stern Hal S., Rubin Donald B., Dunson David B.,  
**Bayesian Data Analysis,**  
**3rd Edition,** Chapman and Hall/CRC 2013. ISBN 978-1439840955. Hardcover >>. Kindle >>.
73. Grigoletto Matteo, Lisi Francesco, Petrone Sonia, Editors,  
**Complex Models and Computational Methods in Statistics,**  
Springer 2013. ISBN 978-8847028708. Hardcover >>. Kindle >>.
74. Hammack Richard,  
**Book of Proof,**  
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**An Introduction to Statistical Learning: with Applications in R,**  
Springer 2013. ISBN 978-1461471370. Hardcover >>. Kindle >>.
76. Kolmogorov A.N.,  
**Foundations of the Theory of Probability,**  
Re-edition, Martino Fine Books 2013. ISBN 978-1614275145. 1st Edition 1950. Paperback >>.
77. Nesterov Yurii,  
**Introductory Lectures on Convex Optimization,**  
Reprint of 2004 Edition, Springer 2013. ISBN 978-1461346913. Paperback >>.
78. Pedoe Dan,  
**Geometry: A Comprehensive Course,**  
Dover Publications 2013. Kindle reedition >>. 1988 Paperback >>.
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**Elementary Analysis: The Theory of Calculus,**  
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**Statistical Methods for Proportions and Probabilities,**  
Springer 2013. ISBN 978-3642390401. Paperback >>. Kindle >>.
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Dover Publications 2013. ISBN 978-0486497051. Paperback >>. Kindle >>.
83. Stanley Richard P.,  
**Enumerative Combinatorics,** Volume 1,  
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84. Stillwell John,  
**The Real Numbers: An Introduction to Set Theory and Analysis,**  
Springer 2013. ISBN 978-3319015767. Hardcover >>. Kindle >>.
85. Stone James,  
**Bayes' Rule: A Tutorial Introduction to Bayesian Analysis,**  
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86. Wiener Norbert,  
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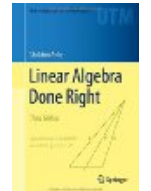
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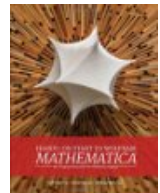
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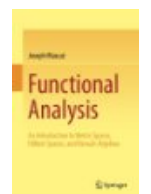
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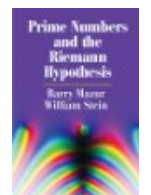
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**Case Studies in Bayesian Statistical Modelling and Analysis**,  
Wiley 2012. ISBN 978-1119941828. [Hardcover >>](#). [Kindle >>](#).
88. Ayres Frank, Mendelson Elliott,  
**Schaum's Outline of Calculus**,  
with 1105 solved problems and 30 videos,  
**6th Edition**, McGraw-Hill 2012. ISBN 978-0071795531. [Paperback >>](#). [Kindle >>](#).
89. Bincer Adam M.,  
**Lie Groups and Lie Algebras - A Physicist's Perspective**,  
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90. Cox David A.,  
**Galois Theory**,  
2nd Edition, Wiley 2012. ISBN 978-1118072059. 1st Edition 2004. [Hardcover >>](#). [Kindle >>](#).
91. Dray Tevian,  
**The Geometry of Special Relativity**,  
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92. Fathi Albert, Laudenbach François, Poénaru Valentin,  
**Thurston's Work on Surfaces**,  
Princeton University Press 2012. ISBN 978-0691147352. [Paperback >>](#).
93. Goyal Philip, Giffin Adom, Knuth Kevin H., Vrscay Edward R., Editors,  
**Bayesian Inference and Maximum Entropy Methods in Science and Engineering**,  
31st International Workshop on Bayesian Inference and Maximum Entropy ... and Engineering,  
American Institute of Physics (AIP) 2012. ISBN 978-0735410398. [Hardcover >>](#).
94. Haberman Richard,  
**Applied Partial Differential Equations with Fourier Series and Boundary Value Problems**,  
**5th Edition**, Pearson 2012. ISBN 978-0321797056. [Hardcover >>](#).
95. Kolmogorov A.N., Fomin S.V.,  
**Elements of the Theory of Functions and Functional Analysis** (two volumes in one),  
Martino Fine Books 2012. ISBN 978-1614273042. Reprint of Volumes 1 (1957) and 2 (1961). [Paperback](#).
96. Lanczos Cornelius,  
**Linear Differential Operators**,  
Reprint of 1961 Edition, Martino Fine Books 2012. ISBN 978-1614273028. With biography by B.Gellai.  
[Paperback >>](#). [Kindle >>](#).
97. Lavrent'ev M.A.,  
**Variational Methods for Boundary Value Problems for Systems of Elliptic Equations**,  
Dover Publications 2012. ISBN 978-0486661704. [Paperback >>](#).
98. Mandel John,  
**The Statistical Analysis of Experimental Data**,  
Kindle Edition, Dover Publications 2012. ISBN 978-0486646664. 2012 [Kindle >>](#). 1984 [Paperback >>](#).
99. Pickover Clifford A.,  
**The Math Book: From Pythagoras to the 57th Dimension, 250 Milestones in the History of Mathematics**,  
Sterling 2012. ISBN 978-1402788291. [Paperback >>](#).
100. Poston Tim, Steward Ian,  
**Catastrophe Theory and Its Applications**,  
Reedition, Dover Publications 2012. ISBN 978-0486692715. 1st published in 1978. [Paperback >>](#). [Kindle >>](#).
101. Richeson David S.,  
**Euler's Gem: The Polyhedron Formula and the Birth of Topology**,  
Princeton University Press 2012. ISBN 978-0691154572. [Paperback >>](#). [Kindle >>](#).
102. Rose John S.,  
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Dover Publications 2012. ISBN 978-0486681948. [Paperback >>](#). [Kindle >>](#).
103. Zill Dennis G.,  
**A First Course in Differential Equations with Modelling Applications**,  
**10th Edition**, Cengage Learning 2012. ISBN 978-1111827052. [Hardcover >>](#).  
See also the 2008 accompanying [Student Resource with Solutions Manual](#).
104. Zill Dennis G., Wright Warren S.,  
**Differential Equations with Boundary-Value Problems**,  
**8th Edition**, Cengage Learning 2012. ISBN 978-1111827069. [Hardcover >>](#).

## Year 2011

105. Bartle Robert G., Sherbert Donald R.,  
**Introduction to Real Analysis**,  
**4th Edition**, Wiley 2011. ISBN 978-0471433316. [Hardcover >>](#).
106. Blanchard Paul, Devaney Robert L., Hall Glen R.,  
**Differential Equations**,  
**4th Edition**, Cengage Learning 2011. ISBN 978-1133109037. [Hardcover >>](#).  
See also the accompanying [Student Solutions Manual](#).
107. Dragomir Sorin, Perrone Domenico,  
**Harmonic Vector Fields: Variational Principles and Differential Geometry**,  
Elsevier 2011. ISBN 978-0124158269. [more >>](#).
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109. Fleisch Daniel,  
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110. Freund Rudolf J., Mohr Donna, Wilson William J.,  
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**3rd Edition;** Academic Press 2011. ISBN 978-0123749703. more >>.  
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111. Halberstam Heine, Richert Hans-Egon,  
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112. James J.F.,  
***A Student's Guide to Fourier Transforms: With Applications in Physics and Engineering,***  
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113. Jeevanjee Nadir,  
***An Introduction to Tensors and Group Theory for Physicists,***  
Birkhauser 2011. ISBN 978-0817647148. Hardcover >>. Kindle >>.
114. Kay David,  
***Schaum's Outline of Tensor Calculus,***  
McGraw-Hill 2011. ISBN 978-0071756037. Paperback.
115. Lay David C.,  
***Linear Algebra and Its Applications,***  
**4th Edition,** Addison Wesley 2011. ISBN 978-0321385178. more >>.
116. Rockafellar R.Tyrrell,  
***Variational Analysis,***  
Springer 2011. ISBN 978-3540627722. more >>.
117. Saks Stanislaw,  
***Theory Of The Integral,***  
Reprint Edition, Nabu Press 2011. ISBN 978-1245194266. 1st Edition 1937. Paperback >>. See also **2015 Paperback >>.**
118. Shastri Anant R.,  
***Element of Differential Topology,***  
CRC 2011. ISBN 978-1439831601. more >>.
119. Simmons Harold,  
***An Introduction to Category Theory,***  
Cambridge University Press 2011. ISBN 978-0521283045. Paperback >>. Kindle >>.
120. Stanley Richard P.,  
***Enumerative Combinatorics,*** Volume 1,  
Cambridge University Press 2011. ISBN 978-1107602625. Paperback >>. Kindle >>.
121. Stein Elias M., Rami Shakarchi,  
***Functional Analysis: Introduction to Further Topics in Analysis,***  
Princeton University Press 2011. ISBN 978-0691113876. Hardcover. Kindle.
122. Stirling James (Jacobo),  
***Methodus differentialis, sive tractatus de summation et interpolation serierum infinitarum,***  
Nabu Press 2011, ISBN 978-1173349790. Paperback >>.  
Original Edition: London, 1730.
123. Thompson Silvanus,  
***Calculus Made Easy,***  
CreateSpace Independent 2011. ISBN 978-1489595812. Paperback >>. Kindle >>.
124. Zassenhaus Hans J.,  
***The Theory of Groups,***  
2nd Edition, Dover Publications 2011. ISBN 978-0486409221. Paperback reedition of a 1980 hardcover.  
Paperback >>. Kindle.

---

## Year 2010

---

125. Abbott Stephen,  
***Understanding Analysis,***  
Springer 2010. ISBN 978-1441928669. Paperback >>. 2nd Edition >>.
126. Anreescu Titu, Andrica Dorin, Cucurezeanu Ion,  
***An Introduction to Diophantine Equations: A Problem Based Approach,***  
Birkhauser 2010. ISBN 978-0817645489. more >>.
127. Adler Sheldon, Rosenthal Peter, Sarason Donald, Editors,  
***A Glimpse at Hilbert Space Operators:*** Paul R.Halmos in Memoriam,  
Birkhauser 2010. ISBN 978-3034603461. more >>.
128. Balinsky A.A.,  
***Spectral Theory Of Dirac And Pauli Operators,***  
Imperial College Press 2010. ISBN 978-1848162181. more >>.
129. Barnett Raymond A., Ziegler Michael R., Byleen Karl E.,  
***Finite Mathematics for Business, Economics, Life Sciences and Social Sciences,***  
**12th Edition,** Prentice Hall 2010. ISBN 978-0321614018. more >>.
130. Bendat Julius S., Piersol Allan G.,  
***Random Data: Analysis and Measurement Procedures,***  
**4th Edition,** Wiley 2010. ISBN 978-0470248775. more >>.
131. Bindner Donald, Erickson Martin,

- A Student's Guide to the Study, Practice, and Tools of Modern Mathematics***,  
Chapman and Hall/CRC 2010. ISBN 978-1439846063. [more >>](#).
132. Bird John,  
***Higher Engineering Mathematics***,  
**6th Edition**, Wiley 2010. ISBN 978-1856177672. [Paperback >>](#).
133. Bleistein Norman, Handelsman Richard A.,  
***Asymptotic Expansions of Integrals***,  
Dover Publications 2010. ISBN 978-0486650821. [Paperback >>](#).
134. Brent Richard P., Zimmermann Paul,  
***Modern Computer Arithmetic***,  
Cambridge University Press 2010. ISBN 978-0521194693. [more >>](#).
135. Brezis Haim,  
***Functional Analysis, Sobolev Spaces and Partial Differential Equations***,  
Springer 2010. ISBN 978-0387709130. [Paperback >>](#). [Kindle >>](#).
136. Burton David M.,  
***The History of Mathematics: An Introduction***,  
**7th Edition**, McGraw Hill 2010. ISBN 978-0071289207. [more >>](#).
137. Comtet Luis,  
***Advanced Combinatorics: The Art of Finite and Infinite Expansions***,  
Softcover Edition, Springer 2010. ISBN 978-9048183418. 1st Edition 1974. [more >>](#).
138. Cortéz Vicente, Editor,  
***Handbook of Pseudo-Riemannian Geometry and Supersymmetry***,  
EMS (European Mathematical Society) 2010. ISBN 978-3037190791. [more >>](#).
139. Courant Richard,  
***Differential and Integral Calculus***, Volume I,  
Reprinted by Ishi Press 2010. ISBN 978-4871878388. 1st Edition in German in 1930. [Paperback](#),
140. Courant Richard,  
***Differential and Integral Calculus***, Volume II,  
Reprinted by Ishi Press 2010. ISBN 978-4871878357. 1st Edition in German in 1930. [Paperback](#).
141. Dacorogna Bernard, ***Direct Methods in the Calculus of Variations***,  
Springer 2010. ISBN 978-1441922595. [more >>](#).
142. De Bruijn N.G.,  
***Asymptotic Methods in Analysis***,  
Dover Publications 2010. ISBN 978-0486642215. [Paperback >>](#). [Kindle >>](#).
143. Duistermaat J.J.,  
***Fourier Integral Operators***,  
Birkhäuser Boston 2010. ISBN 978-0817681074. [more >>](#).
144. Dupaigne L.,  
***Stable Solutions of Elliptic Partial Differential Equations***,  
Chapman & Hall/CRC 2010. ISBN 978-1420066548. [more >>](#).
145. Elworthy K. David, LeJan Eves, Li Xue-Mei,  
***The Geometry of Filtering***,  
Birkhäuser Basel 2010. ISBN 978-3034601757. [more >>](#).
146. Erdelyi Arthur,  
***Asymptotic Expansions***,  
Dover Publications 2010. ISBN 978-0486603186. [Paperback >>](#). [Kindle >>](#).
147. Evans Lawrence C.,  
***Partial Differential Equations***,  
2nd Edition, American Mathematical Society (AMS) 2010. ISBN 978-0821849743. [Hardcover >>](#).
148. Everitt W.N., Editor,  
***Linear Differential Operators***,  
Dover Publications 2010. ISBN 978-0486468976. [more >>](#).
149. Gershenfeld N.,  
***The Nature of Mathematical Modeling***,  
Cambridge Univ Press 2010. ISBN 0-521-81340-9. [more >>](#).
150. Goldreich Oded,  
***P, NP, and NP-Completeness: The Basics of Computational Complexity***,  
Cambridge University Press 2010. ISBN 978-0521122542. [more >>](#).
151. Grimmett Geoffrey,  
***Probability on Graphs: Random Processes on Graphs and Lattices***,  
Cambridge University Press 2010. ISBN 978-0521147354. [Paperback >>](#). [Kindle >>](#).
152. Hara S., Ohta Y.O., Willems J.C., Editors,  
***Perspectives in Mathematical System Theory, Control, and Signal Processing***,  
Springer Verlag 2010. ISBN 978-3540939177. [more >>](#).
153. Johnson Richard A., Miller Irwin, Freund John,  
***Miller & Freund's Probability and Statistics for Engineers***,  
**8th Edition**, Prentice Hall 2010. ISBN 978-0321640772. [more >>](#).
154. Kaiser Gerald,  
***A Friendly Guide to Wavelets***,  
Birkhäuser Boston 2010. ISBN 978-0817681104. [more >>](#).
155. Lanczos Cornelius,  
***Applied Analysis***,  
Reprint of 1956 Edition, Dover Publications 2010. ISBN 978-0486656564. [Paperback >>](#). [Kindle >>](#).
156. Lial Margaret L., Hungerford Thomas W., Holcomb John,  
***Mathematics with Applications***,

- 10th Edition**, Addison Wesley 2010. ISBN 978-0321645531. [more >>](#).
157. Lial Margaret L., Hungerford Thomas W., Holcomb John,  
***Finite Mathematics with Applications***,  
**10th Edition**, Addison Wesley 2010. ISBN 978-0321645548. [more >>](#).
158. Lipton Richard J.,  
***The P=NP Question and Gödel's Lost Letter***,  
Springer 2010. ISBN 978-1441971548. [more >>](#).
159. Pinter Charles C.,  
***A Book of Abstract Algebra***,  
2nd Edition, Dover Publications 2010. ISBN 978-0486474175. [Paperback >>](#). [Kindle](#).
160. Pitici Mircea, Editors,  
***The Best Writing on Mathematics: 2010***,  
Princeton University Press 2010. ISBN 978-0691148410. [more >>](#).
161. Poole David,  
***Linear Algebra: A Modern Introduction***,  
**3rd Edition**, Brooks Cole 2010. ISBN 978-0538735452. [more >>](#).  
See also the respective [Student Solutions Manual](#) (ISBN 978-0534998585).
162. Rosen Kenneth H.,  
***Elementary Number Theory & Its Applications***,  
**6th Edition**, Pearson 2010. ISBN 978-0321500311. [Hardcover >>](#).
163. Turaev Vladimir,  
***Homotopy Quantum Field Theory***,  
EMS (European Mathematical Society) 2010. ISBN 978-3037190869. [more >>](#).
164. Wasserman Larry,  
***All of Statistics: A Concise Course in Statistical Inference***,  
Springer 2010. ISBN 978-1441923226. [Hardcover](#).

---

### Year 2009

---

165. Andreescu Titu, Andrica Dorin,  
***Number Theory: Structures, Examples, and Problems***,  
Birkhäuser 2009. ISBN 978-0817632458. [Hardcover >>](#). [Kindle >>](#).
166. Atallah M.J., Blanton M.,  
***Algorithms and Theory of Computation Handbook***,  
Chapman & Hall/CRC 2009. ISBN 1-584-88818-0. [more >>](#).
167. Avkhadiev F.G., Wirths K.-J.,  
***Schwarz-Pick Type Inequalities***,  
Birkhäuser Basel 2009. ISBN 978-3764399993. [more >>](#).
168. Balachandran Balakumar, Kalmár-Nagy Talmár, Gilsinn David E., Editors,  
***Delay Differential Equations: Recent Advances and New Directions***,  
Springer 2009. ISBN 978-0387855943. [Hardcover >>](#).
169. Bostock David,  
***Philosophy of Mathematics: An Introduction***,  
Wiley-Blackwell 2009. ISBN 978-1405189927. [more >>](#).
170. Bridson M.R., Haefliger A.,  
***Metric Spaces of Non-Positive Curvature***,  
Springer 2009. ISBN 978-3540643241. [more >>](#).
171. Bronson Richard,  
***Schaum's Outline of Differential Equations***,  
**3rd Edition**, McGraw-Hill 2009. ISBN 978-0071611626. [Paperback >>](#). [4th Edition >>](#).
172. Buck D., Flapan E., Editors,  
***Applications of Knot Theory***,  
in *Proceedings of Symposia in Applied Mathematics*, Vol.66,  
American Mathematical Society (AMS) 2009. ISBN 978-0821844663. [more >>](#).
173. Burk F.,  
***Lebesgue Measure and Integration: An Introduction***,  
Wiley-Interscience 2009. ISBN 978-0470537619. [more >>](#).
174. Cassandras Christos, Lafortune Stéphane,  
***Introduction to Discrete Event Systems***,  
2nd Edition, Springer 2009. ISBN 978-0387333328. [Hardcover >>](#).
175. Crease R.P.,  
***The Great Equations: Breakthroughs in Science from Pythagoras to Heisenberg***,  
W.W. Norton 2009. ISBN 0-393-06204-X. [more >>](#).
176. Damiano D.B.,  
***A Course in Linear Algebra***,  
Dover Publications 2009. ISBN 0-486-46908-5. [more >>](#).
177. Downing D.,  
***Dictionary of Mathematics Terms***,  
**3rd Edition**, Barron's Educational Series 2009. ISBN 978-0764141393. [more >>](#).
178. Euler Leonard, with notes by Johann Bernoulli, translated by John Hewlett,  
***Elements of Algebra***,  
Cambridge University Press 2009, ISBN 978-1108002967. [Paperback >>](#).  
Original Edition: London, 1770.
179. Flajolet Philippe, Sedgewick Robert,  
***Analytic Combinatorics***,  
Cambridge University Press 2009. ISBN 978-0521898065. [Hardcover >>](#). [Kindle >>](#).



180. Franks J.,  
***A (Terse) Introduction to Lebesgue Integration,***  
AMS American Mathematical Society 2009. ISBN 978-0821848623. [more >>](#).
181. Fugal D. Lee,  
***Conceptual Wavelets in Digital Signal Processing,***  
An In-Depth Practical Approach for the Non-Mathematician,  
Space & Signals Technical Publishing 2009. ISBN 978-0982199459. [Paperbaack >>](#).
182. Gallian Joseph,  
***Contemporary Abstract Algebra,***  
***7th Edition,*** Brooks Cole 2009. ISBN 978-0547165097. [more >>](#).
183. Hardy G.H, Wright E.M.,  
***An Introduction to the Theory of Numbers,***  
***6th Edition,*** Oxford University Press 2009. ISBN 978-0199219865. [Paperback >>](#).
184. Hastie Trevor, Tibshirani Robert, Friedman Jerome,  
***The Elements of Statistical Learning: Data Mining, Inference, and Prediction,***  
2nd Edition, Springer 2009. ISBN 978-0387848570. [more >>](#).
185. Holton Derek,  
***A First Step to Mathematical Olympiad Problems,***  
World Scientific Publishing Company 2009. ISBN 978-9814273879. [more >>](#).
186. Hogg V.Robert, Tanis Elliot,  
***Probability and Statistical Inference,***  
***8th Edition,*** Prentice Hall 2009. ISBN 978-0321584755. [more >>](#).
187. Jacobson Nathan,  
***Basic Algebra I,***  
2nd Edition, Dover Publications 2009. ISBN 978-0486471891. [Paperback >>](#). [Kindle >>](#).
188. Jacobson Nathan,  
***Basic Algebra II,***  
2nd Edition, Dover Publications 2009. ISBN 978-0486471877. [Paperback >>](#). [Kindle >>](#).
189. Johnson Claes,  
***Numerical Solution of Partial Differential Equations by the Finite Element Method,***  
Dover Publications 2009. ISBN 978-04486469003. [Paperback >>](#).
190. Kattan Peter I.,  
***Math Notebook For Students: 350 Essential Mathematical Formulas And Equations,***  
CreateSpace 2009. ISBN 978-1442101234. [more >>](#).
191. Lawvere F.W., Schanuel S.H.,  
***Conceptual Mathematics: A First Introduction to Categories,***  
2nd Edition, Cambridge University Press 2009. ISBN 978-0521719162. [Paperback >>](#). [Kindle >>](#).
192. Larson Ron, Falvo David C.,  
***Elementary Linear Algebra,*** with Enhanced WebAssign 1-Semester Printed Access Card,  
Enhanced ***6th Edition,*** Brooks Cole 2009. ISBN 978-1439044001. [more >>](#).  
See also the accompanying [Student Solution Manual](#), ISBN 978-0618783779.
193. Lebl Jiri,  
***Basic Analysis: Introduction to Real Analysis,***  
Lulu 2009. Available also [online](#). [More >>](#).
194. Lebl Jiri,  
***Notes on Diffy Qs: Differential Equations for Engineers,***  
Lulu 2009. Available also [online](#). [More >>](#).
195. Leon Steve,  
***Linear Algebra with Applications,***  
***8th Edition,*** Prentice Hall 2009. ISBN 978-0136009290. [more >>](#).  
See also the accompanying [Student Study Guide](#), ISBN 978-0136009306.
196. Manfrino R.B., Ortega J.A.G., Delgado R.V.,  
***Inequalities: A Mathematical Olympiad Approach,***  
Birkhäuser Basel 2009. ISBN 978-3034600491. [more >>](#).
197. Marsland Stephen,  
***Machine Learning: An Algorithmic Perspective,***  
Chapman & Hall 2009. ISBN 978-1420067187. [more >>](#).
198. Polya George, Kilpatrick Jeremy,  
***The Stanford Mathematics Problem Book,*** With Hints and Solutions,  
Dover Publications 2013. ISBN 978-0486469249. [Paperback >>](#). [Kindle >>](#).  
A milestone in the heuristics of Math.
199. Ricardo Henry J.,  
***A Modern Introduction to Differential Equations,***  
2nd Edition, Academic Press 2009. ISBN 978-0123747464. [more >>](#).
200. Rooin J.,  
***Inequalities and Applications: Refinements of Some Important Inequalities,***  
VDM Verlag 2009. ISBN 978-3639189377. [more >>](#).
201. Rosser J.B.,  
***Logic for Mathematicians,***  
Dover Publications 2009. ISBN 0-486-46898-4. [more >>](#).
202. Spiegel Murray,  
***Schaum's Outline of Advanced Mathematics for Engineers and Scientists,***  
***3rd Edition,*** McGraw-Hill 2009. ISBN 978-0071635400. [Paperback](#). [Kindle](#).
203. Spiegel Murray,  
***Schaum's Outline of Advanced Mathematics for Engineers and Scientists,***  
2nd Edition, McGraw-Hill 2009. ISBN 978-0071615457. [Paperback](#). [Kindle](#).

204. Stirling James,  
*Isaac Newtoni Enumeratio Linearum Tertii Ordinis: Sequitur illustratio ejusdem tractatus*,  
University of Michigan Library 2009, [Paperback >>](#).  
Reedition of an 18th century text.
205. Strang Gilbert,  
*Introduction to Linear Algebra*,  
**4th Edition**, Wellesley Cambridge Press 2009. ISBN 978-0980232714. [Hardcover >>](#).
206. Szamuely T.,  
*Galois Groups and Fundamental Groups*,  
Cambridge University Press 2009. ISBN 978-0521888509. [more >>](#).
207. Tent M.B.W.,  
*Leonhard Euler and the Bernoullis: Mathematicians from Basel*,  
AK Peters 2009. ISBN 978-1568814643. [Paperback](#). [Kindle edition](#).
208. Teschl G.,  
*Mathematical Methods in Quantum Mechanics*,  
AMS (American Mathematical Society) 2009. ISBN 978-0821846605. [more >>](#).
209. Thomas George B., Weir Maurice D., Hass Joel,  
*Thomas' Calculus Early Transcendentals*,  
**12th Edition**, Addison Wesley 2009. ISBN 978-0321588760. [more >>](#).
210. Watanabe S.,  
*Algebraic Geometry and Statistical Learning Theory*,  
Cambridge University Press 2009. ISBN 978-0521864671. [more >>](#).
211. Zakon Elias,  
*Mathematical Analysis II*,  
Trillia Group 2009. ISBN 978-1931705038. [Available online](#).

---

### Year 2008

---

212. Agricola I., Friedrich T.,  
*Elementary Geometry*,  
AMS (American Mathematical Society) 2008. ISBN 0-821-84347-8. [more >>](#).
213. Altinel T., Borovik A.V., Cherlin G.,  
*Simple Groups of Finite Morley Rank*,  
AMS (American Mathematical Society) 2008. ISBN 0-821-84305-2.  
See [also](#). [more >>](#).
214. Andrews George E., Berndt Bruce C.,  
*Ramanujan's Lost Notebook: Part II*,  
Springer 2008. ISBN 978-0387777658. [more >>](#).
215. Ash Avner, Gross Robert,  
*Fearless Symmetry: Exposing the Hidden Patterns of Numbers*,  
New Edition, Princeton University Press 2008. ISBN 978-0691138718. [Paperback >>](#). [Kindle >>](#).
216. Ayres Frank,  
*Schaum's Outline of Calculus*,  
**5th Edition**, McGraw-Hill 2008. ISBN 978-0071508612. [Paperback](#). [Kindle](#). 6th Edition.
217. Bailey R.A.,  
*Design of Comparative Experiments*,  
Cambridge University Press 2008. ISBN 978-0521865067. [Available also online](#). [more >>](#).
218. Bartoszynski R., Niewiadomska-Bugaj M.,  
*Probability and Statistical Inference*,  
2nd Edition, Wiley-Interscience 2008. ISBN 978-0471696933. [more >>](#).
219. Berger M.,  
*Geometry I*,  
Springer 2008. ISBN 3-540-11658-3. [more >>](#).
220. Bondy J.A., Murty U.S.R.,  
*Graph Theory*,  
in *Graduate Texts in Mathematics*,  
Springer 2008. ISBN 1-846-28969-6. [more >>](#).
221. Boyce William E., DiPrima Richard C.,  
*Elementary Differential Equations and Boundary Value Problems*,  
**9th Edition**, Wiley-Blackwell 2008. ISBN 978-0470383346. [more >>](#).
222. Bowen R.M., Wang C-C.,  
*Introduction to Vectors and Tensors*,  
Dover Publications 2008. ISBN 0-486-46914-X. [more >>](#).
223. Bressoud D.M., *A Radical Approach to Lebesgue's Theory of Integration*,  
Cambridge University Press 2008. ISBN 978-0521711838. [more >>](#).
224. Bruckner J.B., Bruckner A.M., Thomson B.S.,  
*Real Analysis*,  
2nd Edition, CreateSpace 2008. ISBN 1-434-84412-9. [Available online](#). [More >>](#).
225. Buchstaber V.M., Krichever I.M., Editors,  
*Geometry, Topology, and Mathematical Physics: S.P.Novikov's Seminar 2006-2007*,  
AMS Translations 2008. ISBN 0-821-84674-4. [more >>](#).
226. Burns K., Dolgopyat D., Pesin Y.,  
*Geometric and Probabilistic Structures in Dynamics*,  
AMS 2008. ISBN 0-821-84286-2. [more >>](#).
227. Capinski M., Kopp P.E.,  
*Measure, Integral and Probability*,

- 2nd Edition, Springer 2008. ISBN 978-1852337810. [more >>](#).
228. Casella George,  
**Statistical Design**,  
Springer 2008. ISBN 978-0387759647. [more >>](#).
229. Chow B., Chu S-C., Glickenstein D., Guenther C., Isenberg J.,  
**The Ricci Flow: Techniques and Applications**,  
AMS (American Mathematical Society) 2008. ISBN 0-821-84429-6. [more >>](#).
230. Cohen P.J.,  
**Set Theory and the Continuum Hypotheses**,  
Dover Publications 2008. ISBN 978-0486469218. [more >>](#).  
Replaces a book published by Benjamin in 1966.
231. Cox David A., Little John, O'Shea Donal,  
**Ideals, Varieties, and Algorithms**,  
3rd Edition, Springer 2008. ISBN 978-0387356501. [Hardcover >>](#). [Kindle >>](#).
232. Cuyt Annie A.M., Petersen Vigdis, Verdonk Brigitte, Waadeland Haakon, Jones William B.,  
**Handbook of Continued Fractions for Special Functions**,  
Springer 2008. ISBN 978-1402069482. [Hardcover >>](#). [Kindle >>](#).
233. Cvitanovic' P,  
**Group Theory**,  
Princeton University Press 2008. ISBN 978-0-691-11836-9. Available [online](#).
234. Faraut J.,  
**Analysis on Lie Groups: An Introduction**,  
Cambridge University Press 2008. ISBN 0-521-71930-5. [more >>](#).
235. Felix Y., Oprea J., Tanre D.,  
**Algebraic Models in Geometry**,  
Oxford University Press 2008. ISBN 0-199-20652-X. [more >>](#).
236. Feller William,  
**An Introduction to Probability Theory and Its Applications**, Vol.1,  
Re-edition, WSE 2008, ISBN 978-8126518050. 1st Edition Wiley 1960. [Paperback >>](#).
237. Feller William,  
**An Introduction to Probability Theory and Its Applications**, Vol.2,  
Re-edition, WSE 2008, ISBN 978-8126518067. 1st Edition Wiley 1971. [Paperback >>](#).
238. Fried M.D., Jarden M.,  
**Field Arithmetic**,  
Springer 2008. ISBN 3-540-77269-3. [more >>](#).
239. Gan Wee Teck, Kudla Stephen S., Tschinkel Yuri, Editors,  
**Eisenstein Series and Applications**,  
Birkhäuser Boston 2008. ISBN 978-0817644963. [more >>](#).
240. Ganesh A., O'Connell N., Wischik D.,  
**Big Queues**,  
Cambridge University Press 2008. ISBN 978-3540209126. [more >>](#).
241. Gilmore R.,  
**Lie Groups, Physics, and Geometry:  
An Introduction for Physicists, Engineers and Chemists**,  
Cambridge University Press 2008. ISBN 0-521-88400-4. [more >>](#).
242. Gowers Timothy, Barrow-Green J., Leader I., Editors,  
**The Princeton Companion to Mathematics**,  
Princeton University Press 2008. ISBN 978-0691118802. [Hardcover >>](#). [Kindle >>](#).
243. Gurarie D.,  
**Symmetries and Laplacians:  
Introduction to Harmonic Analysis, Group Representations and Applications**,  
Dover Publications 2008. ISBN 0-486-46288-9. [more >>](#).
244. Hairer E., Norssett S.P., Wanner G.,  
**Solving Ordinary Differential Equations I: Nonstiff Problems**,  
**3rd Edition**, Springer 2008. ISBN 3-540-56670-8. [more >>](#).
245. Hallett Deborah H., Gleason Andrew M., McCallum Andrew M., et al,  
**Calculus**,  
**5th Edition**, Wiley 2008. ISBN 978-0470089149. [more >>](#).
246. Haran S.M.J.,  
**Arithmetical Investigations:  
Representation Theory, Orthogonal Polynomials, and Quantum Interpolations**,  
Springer 2008. ISBN 3-540-78378-4. [more >>](#).
247. Helmberg Gilbert,  
**Introduction to Spectral Theory in Hilbert Space**,  
Dover Publications 2008. ISBN 978-0486466224. [more >>](#).
248. Husemöller D., Joachim M., Jurco B., Schottenloher M., et al,  
**Basic Bundle Theory and K-Cohomology Invariants**,  
in *Lecture Notes in Physics*,  
Springer 2008. ISBN 3-540-74955-1. Available [online](#). [more >>](#).
249. Hida T.,  
**Lectures On White Noise Functions**,  
World Scientific Publishing Company 2008. ISBN 9-812-56052-1. [more >>](#).
250. Higham Nicholas J.,  
**Functions of Matrices: Theory and Computation**,  
SIAM (Society for Industrial and Applied Mathematics) 2008. ISBN 978-0898716467. [Hardcover >>](#).
251. Jech T.,

- The Axiom of Choice**,  
Dover Publications 2008. ISBN 978-0486466248. [more >>](#).  
Replaces a 1973 book by the same author and with the same title.
252. Kapur D., Editor,  
**Computer Mathematics**,  
Proceedings of 8th Asian Symposium ASCM 2007, Singapore, December 15-17, 2007,  
Springer 2008. ISBN 3-540-87826-2. [more >>](#).
253. Keen K.J.,  
**Fundamentals of Statistical Graphics**,  
Chapman & Hall/CRC 2008. ISBN 1-584-88087-2. [more >>](#).
254. Kowalski E.,  
**The Large Sieve and its Applications:  
Arithmetic Geometry, Random Walks and Discrete Groups**,  
Cambridge University Press 2008. ISBN 0-521-88851-4. [more >>](#).
255. Lapidus M.L.,  
**In Search of the Riemann Zeros**,  
AMS (American Mathematical Society ) 2008. ISBN 0-821-84222-6. [more >>](#).
256. Larson Ron, Falvo David C.,  
**Elementary Linear Algebra,  
6th Edition**, Brooks Cole 2008. ISBN 978-0618783762. [more >>](#).  
See also the accompanying [Student Solution Manual](#), ISBN 978-0618783779.
257. Li L.,  
**Arithmetic Groups and Their Generalizations**,  
AMS (American Mathematical Society ) 2008. ISBN 978-0821846759. [more >>](#).
258. Lipschutz Seymour, Lipson Mark,  
**Schaum's Outline of Linear Algebra,  
4th Edition**, McGraw-Hill 2008. ISBN 978-0071543521. [more >>](#).
259. Loewner C.,  
**Theory of Continuous Groups**,  
Dover Publications 2008. ISBN 0-486-46292-7. [more >>](#).
260. Mallat Stephane,  
**A Wavelet Tour of Signal Processing,  
3rd Edition**, Academic Press 2008. ISBN 978-0123743701. [Hardcover >>](#). [Kindle >>](#).
261. McMahan D.,  
**Complex Variables Demystified**,  
McGraw-Hill Professional 2008. ISBN 978-0071549202. [more >>](#).
262. Montgomery D.C., Jennings C.L., Kulahci M.,  
**Introduction to Time Series Analysis and Forecasting**,  
Wiley-Interscience 2008. ISBN 0-471-65397-7. [more >>](#).
263. Morrison Foster,  
**The Art of Modeling Dynamic Systems:  
Forecasting for Chaos, Randomness and Determinism**,  
Dover Publications 2008. ISBN 978-0486462950. [more >>](#).
264. Mosher R.E., Tangora M.C.,  
**Cohomology Operations and Applications in Homotopy Theory**,  
Dover Publications 2008. ISBN 0-486-46664-7. [more >>](#).
265. Nagel E., Newmann J.R., Edited by Hofstadter D.R.,  
**Gödel's Proof**,  
50th Anniversary Edition, NYU Press 2008. ISBN 978-0814758373. 1st Edition 1958, [more >>](#).
266. Nagle K.R., Saff E.B., Snider A.D.,  
**Fundamentals of Differential Equations** bound with IDE CD,  
**7th Edition**, Addison Wesley 2008. ISBN 978-0321604347. [more >>](#).  
See also the [Student's Solutions Manual](#) by *Maymeskul V., Nagle R.Kent*.
267. Nazaikinskii V.E., Savin A.Yu., Sternin B.Yu.,  
**Elliptic Theory and Noncommutative Geometry: Nonlocal Elliptic Operators**,  
Birkhäuser, Basel 2008. ISBN 3-764-38774-2. [more >>](#).
268. Nelsen D., Editor,  
**The Penguin Dictionary of Mathematics,  
4th Edition**, Penguin 2008. ISBN 978-0141030234. [more >>](#).
269. Nishiura T.,  
**Absolute Measurable Spaces**,  
in *Encyclopedia of Mathematics and its Applications*, Vol.120,  
Cambridge University Press 2008. ISBN 0-521-87556-0. [more >>](#).
270. Novak Erich,  
**Tractability of Multivariate Problems. Volume I: Linear Information**,  
EMS (European Mathematical Society) 2008. ISBN 978-3037190265. [more >>](#).
271. Penzer J.,  
**Distribution Theory and Statistical Inference**,  
Chapman & Hall/CRC 2008. ISBN 1-584-88939-X. [more >>](#).
272. Pourret O., Naïm P., Marcot B., Editors,  
**Bayesian Networks: A Practical Guide to Applications**,  
Wiley 2008. ISBN 0-470-06030-1. [more >>](#).
273. Prenter P.M.,  
**Splines and Variational Methods**,  
Dover Publications 2008. ISBN 978-0486469027. [more >>](#).
274. Richeson D.S.,

- Euler's Gem: The Polyhedron Formula and the Birth of Topology*,  
Princeton University Press 2008. ISBN 978-0691126777. [more >>](#).
275. Radin D.,  
*The Platonic Solids Book*,  
CreateSpace 2008. ISBN 978-1434823731. [more >>](#).
276. Samuel Pierre,  
*Algebraic Theory of Numbers*,  
Dover Publications 2008. ISBN 978-0486466668. [Paperback >>](#). [Kindle >>](#).
277. Spiegel Murray, Lipschutz Seymour, Liu John,  
*Schaum's Outline of Mathematical Handbook of Formulas and Tables*,  
**3rd Edition**, McGraw-Hill 2008. ISBN 978-0071548557. [Paperback](#). [Kindle](#).
278. Stillwell John,  
*Naive Lie Theory*,  
Springer 2008. ISBN 978-0387782140. [Hardcover >>](#). [Kindle >>](#).
279. Tent M.B.W.,  
*Emmy Noether: The Mother of Modern Algebra*,  
AK Peters 2008. ISBN 978-1568814308. [Paperback >>](#). [Kindle >>](#).
280. Thomson B.S., Bruckner J.B., Bruckner A.M.,  
*Elementary Real Analysis*,  
2nd Edition, CreateSpace 2008. ISBN 1-434-84367-X. [Available online](#). [More >>](#).
281. Walker James S.,  
*Primer on Wavelets and Their Scientific Applications*,  
2nd Edition, Chapman & Hall/CRC 2008. ISBN 978-1584887454. [Paperback >>](#). [Kindle >>](#).
282. Washington A.J.,  
*Basic Technical Mathematics*,  
**9th Edition**, Prentice Hall 2008. ISBN 978-0138142254. [more >>](#).  
See also: *Student's Solutions Manual*, ISBN 978-0321197429. [more >>](#).
283. White N.,  
*Theory of Matroids*,  
Cambridge University Press 2008. ISBN 0-521-09202-7. [more >>](#).
284. Zill Dennis G.,  
*A First Course in Differential Equations*,  
**9th Edition**, Brooks Cole 2008. ISBN 978-0495108245 [Hardcover >>](#). [10th Edition >>](#).  
See also the accompanying [Student Resource with Solutions Manual](#), ISBN 978-0495385660.

---

### Year 2007

---

285. Adamson Iain T.,  
*Introduction to Field Theory*,  
2nd Edition, Dover Publications 2007. ISBN 978-0486462660. [Paperback >>](#).
286. Agresti A.,  
*An Introduction to Categorical Data Analysis*,  
2nd Edition, Wiley-Interscience 2007. ISBN 0-471-22618-1. [more >>](#).
287. Aigner Martin,  
*Discrete Mathematics*,  
AMS (American Mathematical Society) 2007. ISBN 978-0821841518. [more >>](#).
288. Anderson D.R.,  
*Model Based Inference in the Life Sciences: A Primer on Evidence*,  
Springer Verlag 2007. ISBN 0-387-74073-2. [more >>](#).
289. Anderson J.W.,  
*Hyperbolic Geometry*,  
Springer Verlag 2007. ISBN 1-852-33934-9. [more >>](#).
290. Andreescu Titu, Andrica Dorin, Feng Zumin,  
*104 Number Theory Problems: From the Training of the USA IMO Team*,  
Birkhauser 2007. ISBN 978-0817645274. [Paperback >>](#). [Kindle >>](#).
291. Akopyan A.V., Zaslavsky A.A.,  
*Geometry of Conics*,  
AMS (American Mathematical Society) 2007. ISBN 0-821-84323-0. [more >>](#).
292. Bachman D.,  
*Advanced Calculus Demystified*,  
McGraw-Hill Professional 2007. ISBN 0-071-48121-4. [more >>](#).
293. Banner Adrian,  
*The Calculus Lifesaver: All the Tools You Need to Excel at Calculus*,  
Princeton University Press 2007. ISBN 978-0691130880. [Paperback >>](#). [Kindle >>](#).
294. Bird J.,  
*Engineering Mathematics*,  
**5th Edition**, Newness 2007. ISBN 0-750-68555-7. [more >>](#).
295. Berger M.,  
*A Panoramic View of Riemannian Geometry*,  
Springer 2007. ISBN 3-540-65317-1. [more >>](#).
296. Blackburn S.R., Neumann P.M., Venkataraman G.,  
*Enumeration of Finite Groups*,  
Cambridge University Press 2007. ISBN 0-521-88217-6. [more >>](#).
297. Bombieri E., Gubler W.,  
*Heights in Diophantine Geometry*,  
Cambridge University Press 2007. ISBN 0-521-71229-7. [more >>](#).

298. Bronshtein I.N., Semendyayev K.A., Musiol G., Muehlig H.,  
**Handbook of Mathematics,**  
**5th Edition,** Springer 2007. ISBN 3-540-72121-5. [more >>](#).
299. Burk F.,  
**A Garden of Integrals,**  
Mathematical Association of America 2007. ISBN 978-0883853375. [more >>](#).
300. Camacho E.F., Bordons C.,  
**Model Predictive Control,**  
in *Advanced Textbooks in Control and Signal Processing,*  
Springer Verlag 2007. ISBN 1-852-33694-3. [more >>](#).
301. Clark W.J., Brechner R.A.,  
**Applied Basic Mathematics,**  
Addison-Wesley 2007. ISBN 0-321-19407-1. [more >>](#).
302. Cronin-Scanlon J.,  
**Ordinary Differential Equations: Introduction and Qualitative Theory,**  
**3rd Edition,** CRC 2007. ISBN 0-824-72337-6. [more >>](#).
303. Cappé O., Moulines E., Ryden T.,  
**Inference in Hidden Markov Models,**  
Springer Verlag 2007. ISBN 0-387-40264-0. [more >>](#).
304. Congdon P.,  
**Bayesian Statistical Modelling,**  
J.Wiley 2007. ISBN 0-470-01875-5. [more >>](#).
305. Csiszár I., Katona G.O.H., Tardos G., Editors,  
**Entropy, Search, Complexity,**  
Springer 2007. ISBN 3-540-32573-5. [more >>](#).
306. Davis P.J., Rabinowitz P.,  
**Methods of Numerical Integration,**  
2nd Edition, Dover Publications 2007. ISBN 978-0486453392. [more >>](#).
307. Deans S.R.,  
**The Radon Transform and Some of Its Applications,**  
Dover Publications 2007. ISBN 978-0486462417. [more >>](#).
308. Derbyshire J.,  
**Unknown Quantity: A Real and Imaginary History of Algebra,**  
Reprint Edition, Plume 2007. ISBN 0-452-28853-3. [more >>](#).
309. Edwards C.H., Penney D.E.,  
**Elementary Differential Equations with Boundary Value Problems,**  
**6th Edition,** Prentice Hall 2007. ISBN 978-0136006138. [more >>](#).
310. Edwards C.H., Penney D.E.,  
**Differential Equations and Boundary Value Problems: Computing and Modeling,**  
**4th Edition,** Prentice Hall 2007. ISBN 978-0131561076. [more >>](#).  
See also the [Student solutions manual](#), ISBN 978-0131561106.
311. Edwards C.H., Penney D.E.,  
**Calculus, Early Transcendentals,**  
**7th Edition,** Prentice Hall 2007. ISBN 978-0131569898. [more >>](#).
312. Greenberg Marvin J.,  
**Euclidean and Non-Euclidean Geometries: Development and History,**  
**4th Edition,** W.H.Freeman & Co. 1993. ISBN 978-0716799481. [Hardcover >>](#).
313. Harman Glyn,  
**Prime-Detecting Sieves,**  
Princeton University Press 2007. ISBN 978-06911244377. [Hardcover >>](#).
314. Harrick C.,  
**Basic Electronics Math,**  
Newness 2007. ISBN 0-750-69727-X. [more >>](#).
315. Horváth J.,  
**A Panorama of Hungarian Mathematics in the Twentieth Century, Vol.I,**  
Springer Verlag 2007. ISBN 3-540-28945-3. [more >>](#).
316. Ilyashenko Y., Yakovenko S.,  
**Lectures on Analytic Differential Equations, Vol.I,**  
AMS (American Mathematical Society) 2007. ISBN 978-0821836675. Draft available [online](#). [more >>](#).
317. Jansson P.A.,  
**Deconvolution of Images and Spectra,**  
2nd Edition, Dover Publications 2007. ISBN 0-486-45325-1. [more >>](#).
318. Jeffrey A., Zwillinger D., Editors,  
**Table of Integrals, Series, and Products,**  
**7th Edition,** Academic Press 2007. ISBN 978-0123736376. [Hardcover >>](#). [8th Edition >>](#).
319. Kaye R.W.,  
**The Mathematics of Logic: A Guide to Completeness Theorems and their Applications,**  
Cambridge University Press 2007. ISBN 978-0521708777. [more >>](#).
320. Katok Svetlana,  
**p-adic Analysis Compared with Real,**  
AMS American Mathematical Society 2007. ISBN 978-0821842201. [Paperback >>](#).
321. Knapp A.W.,  
**Advanced Algebra,**  
Birkhäuser Boston 2007. ISBN 0-817-64522-5. [more >>](#).
322. Kosinsky A.A.,  
**Differential Manifolds,**

- Dover Publications 2007. ISBN 0-486-46244-7. [more >>](#).
323. Lai M-J., Schumaker L.L.,  
***Spline Functions on Triangulations***,  
Cambridge University Press 2007. ISBN 978-0521875929. [more >>](#).
324. Larson R., Hostetler R.P., Edwards B.H.,  
***Essential Calculus: Early Transcendental Functions***,  
Brooks Cole 2007. ISBN 978-0618879182. [more >>](#).
325. Lax Peter D.,  
***Linear Algebra and Its Applications***,  
2nd Edition, Wiley-Interscience 2007. ISBN 978-0471751564. [Paperback >>](#). [Kindle >>](#).
326. Libeskind Shlomo,  
***Euclidean and Transformational Geometry: A Deductive Inquiry***,  
Jones & Bartlett Publishers 2007. ISBN 978-0763743666. [more >>](#).
327. Lipshutz Seymour, Lipson Mark,  
***Schaum's Outline of Discrete Mathematics, 3rd Edition***, McGraw-Hill 2007. ISBN 978-0071470384. [more >>](#).
328. Lovasz L.,  
***Combinatorial Problems and Exercises***,  
2nd Edition, AMS (American Mathematical Society) 2007. ISBN 0-821-84262-5. [more >>](#).
329. Luan L.S., Bao L., Lawton W.,  
***Wavelets, Splines and Applications for Engineers and Computer Scientists***,  
World Scientific Pub.Co. 2007. ISBN 9-810-24065-1. [more >>](#).
330. Lütkepohl H.,  
***New Introduction to Multiple Time Series Analysis***, Vol.I,  
2nd Edition, Springer Verlag 2007. ISBN 3-540-26239-3. [more >>](#).
331. Manin Yuri I.,  
***Mathematics as Metaphor*** (Collected Works),  
AMS (American Mathematical Society) 2007. ISBN 978-0821843314. [more >>](#).
332. Maor E.,  
***The Pythagorean Theorem: A 4,000-Year History***,  
Princeton University Press 2007. ISBN 0-691-12526-0. [more >>](#).
333. Marden A.,  
***Outer Circles***,  
Cambridge University Press 2007. ISBN 0-521-83974-2. [more >>](#).
334. Michael Miller M., Thornton M.A.,  
***Multiple Valued Logic Concepts and Representations***,  
Morgan & Claypool Pub. 2007. ISBN 1-598-29190-4. [more >>](#).
335. Nahin Paul J.,  
***An Imaginary Tale: The Story of "i" [the square root of minus one]***,  
Princeton University Press 2007. ISBN 978-0691127989. [more >>](#).
336. O'Shea D.,  
***The Poincaré Conjecture: In Search of the Shape of the Universe***,  
Walker & Company 2007. ISBN 0-802-71654-7. [more >>](#).
337. Poor W.A.,  
***Differential Geometric Structures***,  
Dover Publications 2007. ISBN 0-486-45844-X. [more >>](#).
338. Princeton Review,  
***Math Workout for the New GRE (Graduate Test Prep)***,  
Princeton Review 2007. ISBN 0-375-76578-6. [more >>](#).
339. Rényi Alfred,  
***Foundations of Probability***,  
Dover Publications 2007. ISBN 978-0486462615. [more >>](#).
340. Rényi Alfred,  
***Probability Theory***,  
Dover Publications 2007. ISBN 978-0486458670. [more >>](#).
341. Robert C.P.,  
***The Bayesian Choice: From Decision-Theoretic Foundations to Computational Implementation***,  
Springer Verlag 2007. ISBN 0-387-71598-3. [more >>](#).
342. Runde V.,  
***A Taste of Topology***,  
Springer Verlag 2007. ISBN 0-387-25790-X. [more >>](#).  
Covers spectral theory, wavelets, ...
343. Shapiro Steward, Editor,  
***The Oxford Handbook of Philosophy of Mathematics and Logic***  
Oxford University Press 2007. ISBN 978-0195325928. [more >>](#).
344. Schumaker L.L.,  
***Spline Functions: Basic Theory, 3rd Edition***, Cambridge University Press 2007. ISBN 978-0521705127. [more >>](#).
345. Smith J.O.,III,  
***Mathematics of the Discrete Fourier Transform (DFT): with Audio Applications***,  
2nd Edition, BookSurge Publishing 2007. ISBN 0-974-56074-X.  
1st Edition [available online](#). [more >>](#).
346. Smith P.,  
***An Introduction to Gödel's Theorems***,  
Cambridge University Press 2007. ISBN 978-0521674539. [more >>](#).

347. Smith R., Minton R.,  
**Calculus: Early Transcendental Functions,**  
**3rd Edition,** McGraw-Hill 2007. ISBN 978-0073309446. [more >>](#).  
See also the accompanying [Student's Solutions Manual](#), ISBN 978-0072869576.
348. Stapleton J.H.,  
**Models for Probability and Statistical Inference: Theory and Applications,**  
Wiley-Interscience 2007. ISBN 0-470-07372-1. [more >>](#).
349. Strauss Walter A.,  
**Partial Differential Equations: An Introduction,**  
2nd Edition, Wiley 2007. ISBN 978-0470054567. [Hardcover >>](#).
350. Tu L.W.,  
**An Introduction to Manifolds,**  
Springer 2007. ISBN 978-0387480985. [more >>](#).
351. Tung K.K.,  
**Topics in Mathematical Modeling,**  
Princeton University Press 2007. ISBN 978-0691116426. [more >>](#).
352. Valente de Oliveira J., Pedrycz W.,  
**Advances in Fuzzy Clustering and its Applications,**  
MJ.Wiley 2007. ISBN 0-470-02760-6. [more >>](#).
353. Varadhan S.R.S.,  
**Stochastic Processes,**  
AMS (American Mathematical Society ) 2007. ISBN 0-821-84085-1. [more >>](#).
354. Wasserman Larry,  
**All of Nonparametric Statistics,**  
**3rd Edition,** Springer Verlag 2007. ISBN 0-387-25145-6. [more >>](#).

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### Year 2006

---

355. Apostol Tom M.,  
**Linear Algebra: A First Course with Applications to Differential Equations,**  
Wiley-Interscience 2006. ISBN 978-0471174219. [Hardcover >>](#).
356. Berkolaiko G., Carlson R., Fulling S.A., Kuchment P., Editors,  
**Quantum Graphs and Their Applications,**  
AMS, American Mathematical Society 2006. ISBN 0-821-83765-6. [more >>](#).
357. Berndt Bruce C.,  
**Number Theory in the Spirit of Ramanujan,**  
AMS, American Mathematical Society 2006. ISBN 978-0821841785. [more >>](#).
358. Bokowski J.G.,  
**Computational Oriented Matroids: Equivalence Classes of Matrices within a Natural Framework,**  
Cambridge University Press 2006. ISBN 0-521-84930-6. [more >>](#).
359. Bonar Daniel D., Khoury Michael J.,  
**Real Infinite Series,**  
MAA The Mathematical Association of America 2006. ISBN 978-0883857458. [Hardcover >>](#).
360. Botts C.H.,  
**Bayesian methods in single and multiple curve fitting,**  
ProQuest / UMI 2006. ISBN 0-542-26112-X. [more >>](#).
361. Brand Louis, **Vector Analysis,**  
Dover Publications 2006. ISBN 978-0486450308. [Paperback >>](#). [Kindle >>](#).
362. Bressoud D.M., **A Radical Approach to Real Analysis,**  
2nd Edition, The Mathematical Association of America 2006. ISBN 978-0883857472. [more >>](#).
363. Brualdi R.A.,  
**Combinatorial Matrix Classes,**  
in *Encyclopedia of Mathematics and its Applications*, Vol.102,  
Cambridge University Press 2006. ISBN 0-521-86565-4. [more >>](#).
364. Buhmann M.D.,  
**Radial Basis Functions,**  
in *Cambridge Monographs on Applied and Computational Mathematics*,  
Cambridge University Press 2006. ISBN 0-521-63338-9. [more >>](#).
365. Carter M., Van Brunt B.,  
**The Lebesgue-Stieltjes Integral: A Practical Introduction,**  
Springer 2006. ISBN 0-387-95012-5. [more >>](#).
366. Cartan H.,  
**Differential Forms,**  
Dover Publications 2006. ISBN 0-486-45010-4. [more >>](#).
367. Cover T.M., Thomas J.A.,  
**Elements of Information Theory,**  
2nd Edition, Wiley-Interscience 2006. ISBN 978-0471241959. [more >>](#).
368. Diestel R.,  
**Graph Theory,**  
**3rd Edition,** Springer Verlag 2006. ISBN 3-540-26183-4. 2nd Edition [online. more >>](#).
369. Debnath L., Bhatta D.,  
**Integral Transforms and Their Applications,**  
2nd Edition, Chapman & Hall/CRC 2006. ISBN 1-584-88575-0. [more >>](#).
370. Dumas B.A., McCarthy J.E.,  
**Transition to Higher Mathematics: Structure and Proof,**  
McGraw-Hill 2006. ISBN 0-073-53353-X. [more >>](#).



371. El Attar R.,  
**Lecture notes on Z-Transform**,  
Lulu.com 2006. ISBN 1-411-61979-X. [more >>](#).
372. Ezust A, Ezust P.,  
**An Introduction to Design Patterns in C++ with Qt 4**,  
in Bruce Peren's Open Source Series,  
Prentice Hall 2006. ISBN 0-131-87905-7. [more >>](#).
373. Ferraty F., Vieu P.,  
**Nonparametric Functional Data Analysis: Theory and Practice**,  
Springer Verlag 2006. ISBN 0-387-30369-3. [more >>](#).
374. Gardner R.J.,  
**Geometric Tomography**,  
in *Encyclopedia of Mathematics and its Applications*, Vol.58,  
2nd Edition, Cambridge University Press 2006. ISBN 0-521-68493-5. [more >>](#).
375. Gauld D.B.,  
**Differential Topology: An Introduction**,  
Dover Publications 2006. ISBN 0-486-45021-X. [more >>](#).
376. Giaquinta Mariano, Hildebrandt Stefan,  
**Calculus of Variations I: The Lagrangian Formalism**,  
Springer Verlag 2006. ISBN 978-3540506256. [more >>](#).
377. Giaquinta Mariano, Hildebrandt Stefan,  
**Calculus of Variations II: The Hamiltonian Formalism**,  
Springer Verlag 2006. ISBN 978-3540579618. [more >>](#).
378. Gelman A., Hill J.,  
**Data Analysis Using Regression and Multilevel/Hierarchical Models**,  
Cambridge University Press 2006. ISBN 0-521-86706-1. [more >>](#).
379. Gilmore R.,  
**Lie Groups, Lie Algebras, and Some of Their Applications**,  
Dover Publications 2006. ISBN 0-486-44529-1. [more >>](#).
380. Goldblatt Robert,  
**Topoi: The Categorical Analysis of Logic**,  
Revised Edition, Dover Publications 2006. ISBN 978-0486450261. [Paperback >>](#). [2013 Kindle >>](#).
381. Gosswin K., Erdmann G.,  
**The Blocking Technique, Weighted Mean Operators and Hardy's Inequality**,  
Springer Verlag 2006. ISBN 3-540-63902-0. [more >>](#).
382. Gray R.M.,  
**Toeplitz and Circulant Matrices: A review**,  
Now Publishers 2006. ISBN 1-933-01923-9. [Available online. more >>](#).
383. Hall B.C.,  
**Lie Groups, Lie Algebras, and Representations: An Elementary Introduction**,  
Springer Verlag 2006. ISBN 0-387-40122-9. [more >>](#).
384. Hauffman L.H.,  
**Formal Knot Theory**,  
Dover Publications 2006. ISBN 978-0486450520. [more >>](#).
385. Hughes-Hallett D., Lock P.F., Gleason A.M., Flath D.E., Lomen D.O., Lovelock D., McCallum W.G., Osgood B.G., Quinney D., Rhea K., Tecosky-Feldman J.T., Tucker T.W., Bretscher O.K., Gordon S.P., Connally E.,  
**Applied Calculus**,  
**3rd Edition**, Wiley 2006. ISBN 978-0471681212. [more >>](#).  
See also: **Applied Calculus, Student Study Guide**  
**3rd Edition**, Wiley 2005. ISBN 978-0471739241. [more >>](#).  
and **Applied Calculus, Student Solutions Manual**  
**3rd Edition**, Wiley 2005. ISBN 978-0471739258. [more >>](#).
386. Han D., Jorgensen P.E.T., Larson D.R., Editors,  
**Operator Theory, Operator Algebras, and Applications**,  
AMS, American Mathematical Society, 2006. ISBN 0-821-83923-3. [more >>](#).
387. Heil C., Editor,  
**Harmonic Analysis and Applications: In Honor of John J. Benedetto**,  
Birkhäuser Boston 2006. ISBN 978-0817637781. [more >>](#).
388. Herrlich H.,  
**Axiom of Choice**,  
Springer Verlag 2006. ISBN 3-540-30989-6. [more >>](#).
389. Hogben L.,  
**Handbook of Linear Algebra**,  
Chapman & Hall/CRC 2006. ISBN 1-584-88510-6. [more >>](#).
390. Horvath J.,  
**A Panorama of Hungarian Mathematics in the Twentieth Century**, Vol.I,  
Springer Verlag 2006. ISBN 3-540-28945-3. [more >>](#).
391. Howie J.M.,  
**Complex Analysis**,  
in *Springer Undergraduate Mathematics Series*,  
Springer Verlag 2006. ISBN 1-852-33733-8. [more >>](#).
392. Howie J.M.,  
**Real Analysis**,  
in *Springer Undergraduate Mathematics Series*,  
Springer Verlag 2006. ISBN 1-852-33314-6. [more >>](#).
393. Jech T.,

- Set Theory,**  
**3rd Edition,** Springer Verlag 2006. ISBN 3-540-44085-2. [more >>](#).
394. Jetter K., Buhmann M., Haussmann W., Schaback R., Stoeckler J., Editors,  
**Topics in Multivariate Approximation and Interpolation,**  
Elsevier Science 2006. ISBN 978-0444518446. [more >>](#).
395. Jordan Thomas F.,  
**Linear Operators for Quantum Mechanics,**  
Dover Publications 2006. ISBN 978-0486453293. [more >>](#).
396. Kubrusly C.S.,  
**Elements of Operator Theory,**  
Springer Verlag 2006. ISBN 0-817-64174-2. [more >>](#).
397. Larson R., Hostetler R.P., Edwards B.H.,  
**Calculus of a Single Variable: Early Transcendental Functions,**  
**4th Edition,** Brooks Cole 2006. ISBN 0-618-60625-4. [more >>](#).
398. Larson R., Hostetler R.P., Edwards B.H.,  
**Calculus: Early Transcendental Functions,**  
**4th Edition,** Brooks Cole 2006. ISBN 0-618-60624-6. [more >>](#).
399. Lehman E.L., Romano J.P.,  
**Testing Statistical Hypotheses,**  
**3rd Edition,** Springer Verlag 2006. ISBN 0-387-98864-5. [more >>](#).
400. Lewis J.M., Lakshmivarahan S., Dhall S.,  
**Dynamic Data Assimilation: A Least Squares Approach,**  
in *Encyclopedia of Mathematics and its Applications*, Vol.104,  
Cambridge University Press 2006. ISBN 0-521-85155-6. [more >>](#).
401. Maros I.,  
**Computational Techniques of the Simplex Method,**  
Springer Verlag 2006. ISBN 1-402-07332-1. [more >>](#).
402. Mazur J.,  
**Euclid in the Rainforest: Discovering Universal Truth in Logic and Math,**  
Plume 2006. ISBN 0-452-28783-9. [more >>](#).
403. Meyer W.A.,  
**Geometry and Its Applications,**  
2nd Edition, Academic Press 2006. ISBN 0-123-69427-2. [more >>](#).
404. Milne J.S.,  
**Elliptic Curves,**  
BookSurge Publishing 2006. ISBN 1-419-65257-5. [Available online. more >>](#).
405. Milne J.S.,  
**Arithmetic Duality Theorems,**  
2nd Edition, BookSurge Publishing 2006. 1st Edition, Academic Press 1986. ISBN 0-123-69427-2. [Available online. more >>](#).
406. Milnor J.,  
**Dynamics in One Complex Variable,**  
**3rd Edition,** Princeton University Press 2006. ISBN 0-691-12488-4. [more >>](#).  
1st Edition (IMS 1990) is [available online](#).
407. Nebe G., Rains E.M., Sloane N.J.A.,  
**Self-Dual Codes and Invariant Theory,**  
in *Algorithms and Computation in Mathematics*, Vol 17,  
Springer Verlag 2006. ISBN 3-540-30729-X. [more >>](#).
408. O'Neil P.V.,  
**Advanced Engineering Mathematics,**  
**6th Edition,** CL-Engineering 2006. ISBN 978-0534552084. [more >>](#).
409. Oxley J.G.,  
**Matroid Theory,**  
Oxford University Press 2006. ISBN 0-199-20250-8. [more >>](#).
410. Percival D.B., Walden A.T.,  
**Wavelet Methods for Time Series Analysis,**  
Cambridge University Press 2006. ISBN 978-0521685085. [more >>](#).
411. Pukelsheim F.,  
**Optimal Design of Experiments,**  
SIAM, Society for Industrial & Applied Mathematics 2006. ISBN 0-898-71604-7. [more >>](#).
412. Renardy M., Rogers R.C.,  
**An Introduction to Partial Differential Equations,**  
Springer Verlag 2006. ISBN 0-387-00444-0. [more >>](#).
413. Riley K.F., Hobson M.P., Bence S.J.,  
**Mathematical Methods for Physics and Engineering: A Comprehensive Guide,**  
**3rd Edition,** Cambridge University Press 2006. ISBN 978-0521679718. [Paperback >>](#). [Kindle >>](#).  
See also the accompanying Student Solution Manual, ISBN 978-0521679732. [Paperback >>](#). [Kindle >>](#).
414. Rosen Kenneth H.,  
**Discrete Mathematics and Its Applications,**  
**6th Edition,** McGraw-Hill 2006. ISBN 978-0321237071. [more >>](#).  
See also the accompanying [Student's Solutions Guide](#).
415. Rosenthal J.S.,  
**Struck by Lightning: The Curious World of Probabilities,**  
Joseph Henry Press 2006. ISBN 978-0309097345. [more >>](#).
416. Rosenthal J.S.,  
**A First Look at Rigorous Probability Theory,**

- 2nd Edition, World Scientific Publishing Company 2006. ISBN 978-9812703712. [more >>](#).
417. Sethumadhavan M., Editor,  
***Discrete Mathematics and Its Applications***,  
Narosa Pub.House 2006. ISBN 8-173-19731-8. [more >>](#).
418. Shiriyayev A.N., Editor,  
***Selected Works of A.N. Kolmogorov:  
Volume III: Information Theory and the Theory of Algorithms***,  
Springer Verlag 2006. ISBN 9-027-72798-8. [more >>](#).
419. Solow D.,  
***How to Read and Do Proofs***,  
**4th Edition**, John Wiley & Sons 2007. ISBN 0-471-68058-3. [more >>](#).
420. Spivak M.,  
***Calculus***,  
Corrected **3rd Edition**, Cambridge University Press 2006. ISBN 0-521-86744-4. [more >>](#).
421. Steffensen J.F.,  
***Interpolation***,  
2nd Edition, Dover Publications 2006. ISBN 978-0486450094. [more >>](#).
422. Sun W., Yuan Y.,  
***Optimization Theory and Methods: Nonlinear Programming***,  
Springer Verlag 2006. ISBN 0-387-24975-3. [more >>](#).
423. Tao T.,  
***Solving Mathematical Problems: A Personal Perspective***,  
Oxford University Press 2006. ISBN 0-199-20560-4. [more >>](#).
424. Triola M.F.,  
***Elementary Statistics***,  
**9th Edition**, Academic Internet Publishers 2006. ISBN 1-428-81433-7. [more >>](#).
425. Tucker Alan,  
***Applied Combinatorics***,  
**5th Edition**, Wiley 2006. ISBN 978-0471735076. [more >>](#).
426. Van de Walle J.,  
***Elementary and Middle School Mathematics: Teaching Developmentally***,  
**6th Edition**, Allyn & Bacon 2006. ISBN 0-205-48392-5. [more >>](#).
427. Vapnik V., Kotz S.,  
***Estimation of Dependences Based on Empirical Data: Empirical Inference Science***,  
2nd Edition, Springer Verlag 2006. ISBN 0-387-30865-2. [more >>](#).
428. Weeks M.,  
***Digital Signal Processing Using MATLAB and Wavelets***,  
Infinity Science Press 2006. ISBN 0-977-85820-0. [more >>](#).
429. Yeh J.,  
***Real Analysis: Theory of Measure And Integration***,  
2nd Edition, World Scientific Publishing Company 2006. ISBN 978-9812566539. [more >>](#).

---

### Year 2005

---

430. Ahn S.J.,  
***Least Squares Orthogonal Distance Fitting of Curves and Surfaces in Space***,  
Springer 2005. ISBN 3-540-23966-9. [more >>](#).
431. Altmann S.L.,  
***Rotations, Quaternions, and Double Groups***,  
Dover Publications 2005. ISBN 0-486-44518-6. [more >>](#).
432. Andrews George E., Berndt Bruce C.,  
***Ramanujan's Lost Notebook: Part I***,  
Springer Verlag 2005. ISBN 978-0387255293. [more >>](#).
433. Arfken G.B., Weber H.J.,  
***Mathematical Methods for Physicists***,  
**6th Edition**, Academic Press 2005. ISBN 0-120-59876-0. [more >>](#).
434. Bernstein D.S.,  
***Matrix Mathematics:  
Theory, Facts, and Formulas with Application to Linear Systems Theory***,  
Princeton University Press 2005. ISBN 0-691-11802-7. [more >>](#).
435. Boas M.L.,  
***Mathematical Methods in the Physical Sciences***,  
**3rd Edition**, J.Wiley & Sons 2005. ISBN 0-471-19826-9. [more >>](#).
436. Clapham C., Nicholson J., Editor,  
***The Concise Oxford Dictionary of Mathematics***,  
**3rd Edition**, Oxford University Press 2005. ISBN 978-0198607427. [more >>](#).
437. Cohen H., Frey G., Avanzi R., Doche C., Lange T., Nguyen K., Vercauteren F.,  
***Handbook of Elliptic and Hyperelliptic Curve Cryptography***,  
Chapman & Hall/CRC 2005. ISBN 1-584-88518-1. [more >>](#).
438. Colley Susan J.,  
***Vector Calculus***,  
**3rd Edition**, Prentice Hall 2005. ISBN 978-0131858749. [more >>](#).
439. Cox David A., Little John, O'Shea Donal,  
***Using Algebraic Geometry***,  
2nd Edition, Springer 2005. ISBN 978-0387207063. [Hardcover >>](#).
440. Crandall R., Pomerance C.,

- Prime Numbers: A Computational Perspective**,  
2nd Edition, Springer Verlag 2005. ISBN 0-387-25282-7. [more >>](#).
441. Cupillary A.,  
**The Nuts and Bolts of Proofs**,  
**3rd Edition**, Academic Press 2005. ISBN 0-120-88509-3. [more >>](#).
442. Davies B.,  
**Integral Transforms and their Applications**,  
**3rd Edition**, Springer Verlag 2005. ISBN 0-387-95314-0. [more >>](#).
443. Debnath L., Mikusinski P.,  
**Introduction to Hilbert Spaces with Applications**,  
**3rd Edition**, Academic Press 2005. ISBN 0-122-08438-1. [more >>](#).
444. Eubank R.L.,  
**A Kalman Filter Primer**,  
Chapman & Hall/CRC 2005. ISBN 0-824-72365-1. [more >>](#).
445. Fajtlowicz S., Fowler P.W., Hansen P., Janowitz M.F., Roberts F.S., Editors,  
**Graphs and Discovery**,  
in *DIMACS: Discrete Mathematics and Theoretical Computer Science*, Vol.69,  
American Mathematical Society (AMS) 2005. ISBN 0-821-83761-3. [more >>](#).
446. Fujishige S.,  
**Submodular Functions and Optimization**,  
in *Annals of Discrete Mathematics*, Vol.58,  
2nd Edition, Elsevier Science 2005. ISBN 978-0444520869. [more >>](#).
447. Gibilisco S.,  
**Math Proofs Demystified**,  
McGraw-Hill Professional 2005. ISBN 978-0071445764. [more >>](#).
448. Goldman Stanford,  
**Information Theory**,  
Dover Publications 2005. ISBN 978-0486442716. [more >>](#).  
Re-edition of Prentice Hall, 1953.
449. Goodfriend J.H.,  
**Gateway to Higher Mathematics**,  
Jones & Bartlett Publishers 2005. ISBN 978-0763727338. [more >>](#).
450. Gross J.L., Yellen J.,  
**Graph Theory and Its Applications**,  
2nd Edition, Chapman & Hall/CRC 2005. ISBN 978-1584885054. [more >>](#).
451. Hill Thomas, Lewicki Paul,  
**Statistics: Methods and Applications**,  
StatSoft Inc. 2005. ISBN 978-1884233593. Available online. [More >>](#).
452. Hirschman I.I., Widder D.V.,  
**The Convolution Transform**,  
Dover Publications 2005. ISBN 0-486-44175-X. [more >>](#).
453. Huang N.E., Attoh-Okine N.O., Editors,  
**The Hilbert-Huang Transform in Engineering**,  
CRC 2005. ISBN 978-0849334221. [more >>](#).
454. Huang N.E., Shen S.S., Editors,  
**The Hilbert-Huang Transform and Its Applications**,  
World Scientific Publishing 2005. ISBN 9-812-56376-8. [more >>](#).
455. John F.,  
**Partial Differential Equations**,  
**4th Edition**, Springer Verlag 2005. ISBN 0-387-90609-6. [more >>](#).
456. Kaashoek M.A., Seatzu S., van der Mee C., Editors,  
**Recent Advances in Operator Theory and Its Applications**,  
The Israel Gohberg Anniversary Volume,  
Birkhauser 2005. ISBN 3-764-37290-7. [more >>](#).
457. Kleinberg J., Tardos E.,  
**Algorithm Design**,  
Addison Wesley 2005. ISBN 0-321-29535-8. [more >>](#).
458. Knapp A.W.,  
**Basic Real Analysis**,  
Birkhäuser Boston 2005. ISBN 0-817-64407-5. [more >>](#).
459. Kreyszig Erwin,  
**Advanced Engineering Mathematics**,  
**9th Edition**, John Wiley 2005. ISBN 0-471-48885-2. [Hardcover >>](#). [See also >>](#).
460. Lang S.,  
**Algebra**,  
**3rd Edition**, Springer Verlag 2005. ISBN 0-387-95385-X. [more >>](#).
461. Larson R.,  
**Calculus: Study And Solutions Guide**, Volume 1,  
**8th Edition**, Houghton Mifflin Company 2005. ISBN 0-618-52791-5. [more >>](#).
462. Larson R., Hostetler R.P., Edwards B.H.,  
**Calculus (With Analytic Geometry)**,  
**8th Edition**, Brooks Cole 2005. ISBN 0-618-50298-X. [more >>](#).
463. Larson R., Hostetler R.P., Edwards B.H.,  
**Multivariable Calculus**,  
**8th Edition**, Brooks Cole 2005. ISBN 0-618-50302-1. [more >>](#).
464. McMahon D.,

***Linear Algebra Demystified.***

McGraw-Hill Professional 2005. ISBN 0-071-46579-0. [more >>](#).

465. Mukherjee S., Mukherjee Y.X.,  
***Boundary Methods: Elements, Contours, and Nodes,***  
CRC 2005. ISBN 0-824-72599-9. [more >>](#).
466. Muller Jean-Michel,  
***Elementary Functions: Algorithms and Implementation,***  
2nd Edition, Birkhäuser Boston 2005. ISBN 978-0817643720. [more >>](#).
467. Oeijord N.K.,  
***The Very Basics of Tensors,***  
Universe 2005. ISBN 0-595-35694-X. [more >>](#).
468. Pickover Clifford A.,  
***A Passion for Mathematics: Numbers, Puzzles, Madness, Religion, and the Quest for Reality,***  
Wiley 2005. ISBN 978-0471690986. [Paperback >>](#). [Kindle >>](#).
469. Ramsey J., Silverman B.W.,  
***Functional Data Analysis,***  
2nd Edition, Springer Verlag 2005. ISBN 0-387-40080-X. [more >>](#).
470. Robert C.P., Casella G.,  
***Monte Carlo Statistical Methods,***  
2nd Edition, Springer Verlag 2005. ISBN 0-387-21239-6. [more >>](#).
471. Rosenbloom P.,  
***The Elements of Mathematical Logic,***  
Dover Publications 2005. ISBN 0-486-44617-4. [more >>](#).  
Reprint of a 1950 Edition.
472. Schey H.M.,  
***Div, Grad, Curl, and All That: An Informal Text on Vector Calculus,***  
***4th Edition,*** W.W.Norton & Company 2005. ISBN 978-0393925166. [more >>](#).
473. Schulman L.S.,  
***Techniques and Applications of Path Integration,***  
Dover Publications 2005. ISBN 0-486-44528-3. [more >>](#).
474. Sipser M.,  
***Introduction to the Theory of Computation,***  
2nd Edition, Course Technology 2005. ISBN 0-534-95097-3. [more >>](#).
475. Smith D., Eggen M., Andre R.St.,  
***A Transition to Advanced Mathematics,***  
***6th Edition,*** Brooks/Cole 2005. ISBN 0-534-39900-2. [more >>](#).
476. Sommese A.J., Wampler II C.W.,  
***The Numerical Solution of Systems of Polynomials Arising in Engineering And Science,***  
World Scientific Publishing Company 2005. ISBN 9-812-56184-6. [more >>](#).
477. Stein Elias M., Rami Shakarchi,  
***Real Analysis: Measure Theory, Integration, and Hilbert Spaces,***  
Princeton University Press 2005. ISBN 978-0691113869. [Hardcover. Kindle.](#)
478. Strang G.,  
***Linear Algebra and Its Applications,***  
***4th Edition,*** Brooks Cole 2005. ISBN 978-0030105678. [more >>](#).  
See also the [Student Solutions Manual](#), ISBN 978-0495013259.
479. Tanton James S.,  
***Encyclopedia of Mathematics,***  
Facts on File 2005. ISBN 978-0816051243. [Hardcover >>](#).
480. Wang R-H.,  
***Multivariate Spline Functions and Their Applications,***  
Springer Verlag 2005. ISBN 0-792-36967-X. [more >>](#).
481. Wilf Herbert S.,  
***generatingfunctionology,***  
A K Peters/CRC Press 2005. ISBN 978-1568812793. [Hardcover >>](#).

---

**Year 2004**

---

482. Adams C.,  
***The Knot Book,***  
American Mathematical Society (AMS) 2004. ISBN 978-0821836781. [more >>](#).
483. Andreescu Titu, Feng Zumin,  
***103 Trigonometry Problems: From the Training of the USA IMO Team,***  
Birkhauser 2004. ISBN 978-0817643348. [Paperback >>](#).
484. Andrews G.E., Eriksson K.,  
***Integer Partitions,***  
2nd Edition, Cambridge University Press 2004. ISBN 0-521-60090-1. [more >>](#).
485. Arcangéli R., López de Silanes M.C., Torrens J.J.,  
***Multidimensional Minimizing Splines: Theory and Applications,***  
Springer 2004. ISBN 978-1402077869. [more >>](#).
486. Baker A., Richter B.,  
***Structured Ring Spectra,***  
Cambridge University Press 2004. ISBN 0-521-60305-6. [more >>](#).
487. Bell W.W.,  
***Special Functions for Scientists and Engineers,***  
Dover Publications 2004. ISBN 0-486-43521-0. [more >>](#).

488. Bellobas B.,  
***Extremal Graph Theory***,  
Dover Publications 2004. ISBN 0-486-43596-2. [more >>](#).
489. Bird J.,  
***Higher Engineering Mathematics***,  
**4th Edition**, Newness 2004. ISBN 0-750-66266-2. [more >>](#).
490. Bogomolov Fedor, Tschinkel Yuri, Editors,  
***Geometric Methods in Algebra and Number Theory***,  
Birkhäuser Boston 2004. ISBN 978-0817643492. [Hardcover](#). [Kindle](#).
491. Bolstad W.M.,  
***Introduction to Bayesian Statistics***,  
Wiley-Interscience 2004. ISBN 0-471-27020-2. [more >>](#).
492. Boros George, Moll Victor,  
***Irresistible Integrals: Symbolics, Analysis and Experiments in the Evaluation of Integrals***,  
Cambridge University Press 2004. ISBN 978-0521796361. [Paperback >>](#). [Kindle](#).
493. Borwein J., Bailey D., Girgensohn R.,  
***Experimentation in Mathematics: Computational Paths to Discovery***,  
AK Peters 2004. ISBN 1-568-81136-5. [more >>](#).
494. Boyd Stephen, Vandenberghe Lieven,  
***Convex Optimization***,  
Cambridge University Press 2004. ISBN 978-0521833783. Available [online](#). [Hardcover >>](#). [Kindle](#).
495. Bronshtein I.N., Semendyayev K.A., Musiol G., Mühlig H., Editors,  
***Handbook of Mathematics***,  
**4th Edition**, Springer 2004. ISBN 3-540-43491-7. [more >>](#).
496. Burger E.B., Starbird M.,  
***The Heart of Mathematics: An invitation to effective thinking***,  
Key College 2004. ISBN 1-931-91441-9. [more >>](#).
497. Capinski M., Kopp P.E.,  
***Measure, Integral and Probability***,  
Springer Verlag 2004. ISBN 1-852-33781-8. [more >>](#).
498. Copson E.T.,  
***Asymptotic Expansions***,  
in *Cambridge Tracts in Mathematics*, Vol.55,  
Paperback Edition, Cambridge University Press 2004. 1st Edition 1965. ISBN 0-521-60482-6. [more >>](#).
499. Dacorogna B.,  
***Introduction To The Calculus Of Variations***,  
Imperial College Press 2004. ISBN 978-1860945083. [more >>](#).
500. De U.C., Shaikh A.A.,  
***Tensor Calculus***,  
Alpha Science International 2004. ISBN 1-842-65190-0. [more >>](#).
501. Dunham William,  
***The Calculus Gallery: Masterpieces from Newton to Lebesgue***,  
Princeton University Press 2004. ISBN 0-691-09565-5. [more >>](#).
502. Freeden W., Volker M.,  
***Multiscale Potential Theory***,  
Birkhäuser 2004. ISBN 978-0817641054. [more >>](#).
503. Gardiner Crispin W.,  
***Handbook of Stochastic Methods for Physics, Chemistry and the Natural Sciences***,  
Birkhäuser 2004. ISBN 978-3540208822. [more >>](#).
504. Gautschi W.,  
***Orthogonal Polynomials: Computation and Approximation***,  
in *Numerical Mathematics and Scientific Computation*  
Oxford University Press 2004. ISBN 0-198-50672-4. [more >>](#).
505. Goulden I.P., Jackson D.M.,  
***Combinatorial Enumeration***,  
Dover Publications 2004. ISBN 978-0486435978. [Paperback >>](#).
506. Graf U.,  
***Applied Laplace Transforms and z-Transforms for Scientists and Engineers: A Computational Approach Using a Mathematica Package***,  
Birkhäuser Basel 2004. ISBN 3-764-32427-9. [more >>](#).
507. Guy R.K.,  
***Unsolved Problems in Number Theory***,  
**3rd Edition**, Springer Verlag 2004. ISBN 0-387-20860-7. [more >>](#).
508. Hallett Deborah H., Gleason Andrew M., McCallum Andrew M., et al,  
***Calculus: Single Variable***,  
**4th Edition**, Wiley 2004. ISBN 978-0471484820. [more >>](#).
509. Hiriart-Urruty J-B., Lemarechal C.,  
***Convex Analysis and Minimization Algorithms***,  
2nd Edition, Springer Verlag 2004. ISBN 3-540-56850-6. [more >>](#).
510. Hairer E., Wanner G.,  
***Solving Ordinary Differential Equations II: Stiff and Differential-Algebraic Problems***,  
**3rd Edition**, Springer 2004. ISBN 3-540-60452-9. [more >>](#).
511. Hamming Richard W.,  
***Methods of Mathematics Applied to Calculus, Probability, and Statistics***,  
Dover Publications 2004. ISBN 978-0486439457. [Paperback >>](#). [Kindle >>](#).
512. Hogg Robert V., Craig Allen, McKean Joseph W.,

- Introduction to Mathematical Statistics,***  
**6th Edition**, Prentice Hall 2004. ISBN 978-0130085078. [more >>](#).
513. Hunt B.R., Kennedy J.A., Tien-Yien Li, Nusse H.E., Editors,  
***The Theory of Chaotic Attractors,***  
Springer Verlag 2004. ISBN 0-387-40349-3. [more >>](#).
514. Ixaru L.Gr., Berghe G.V.,  
***Exponential Fitting,***  
Springer Verlag 2004. ISBN 1-402-02099-6. [more >>](#).
515. Jeffrey A.,  
***Mathematics for Engineers and Scientists,***  
**6th Edition**, Chapman & Hall/CRC 2004. ISBN 1-584-88488-6. [more >>](#).
516. Kaplan A., Debold C., Rogalski S., Bourdreau P., Editors,  
***Math on Call: A Mathematics Handbook,***  
Great Source Education Group 2004. ISBN 0-669-50819-5. [more >>](#).
517. Kirk D.E.,  
***Optimal Control Theory: An Introduction,***  
Dover Publications 2004. ISBN 0-486-43484-2. [more >>](#).
518. Krantz S.G.,  
***Differential Equations Demystified,***  
McGraw-Hill Professional 2004. ISBN 0-071-44025-9. [more >>](#).
519. Krantz S.G.,  
***Real Analysis and Foundations,***  
2nd Edition, Chapman & Hall/CRC Press 2004. ISBN 1-584-88483-5. 1st Edition 1991. [more >>](#).
520. Kumar Naveen,  
***An Elementary Course of Variational Problems in Calculus,***  
Alpha Science International 2004. ISBN 978-1842651957. [more >>](#).
521. Kythe P.K., Schaferkötter M.R.,  
***Handbook of Computational Methods for Integration,***  
Chapman & Hall/CRC 2004. ISBN 978-1584884286. [more >>](#).
522. Lay S.R.,  
***Analysis: With an Introduction to Proof,***  
**4th Edition**, Springer 2004. ISBN 0-131-48101-0. [more >>](#).
523. Lee P.M.,  
***Bayesian Statistics: An Introduction,***  
**3rd Edition**, Hodder Arnold 2004. ISBN 0-340-81405-5. [more >>](#).
524. Lipkin L.,  
***Elements of Finite Model Theory,***  
Springer 2004. ISBN 3-540-21202-7. [more >>](#).
525. Magnus W., Karrass A., Solitar D.,  
***Combinatorial Group Theory: Presentations of Groups in Terms of Generators and Relations,***  
2nd Edition, Dover Publications 2004. ISBN 978-0486438306. [more >>](#).
526. Mazur Berry,  
***Imagining Numbers*** (particularly the square root of minus fifteen),  
Reprint Edition, Picador 2004 2015. ISBN 978-0312421878. [Paperback >>](#). [Kindle >>](#).
527. Meyer Walter J.,  
***Concepts of Mathematical Modeling,***  
Dover Publications 2004. ISBN 978-0486435152. [more >>](#).
528. Michalewicz Z., Fogel D.B.,  
***How to Solve It: Modern Heuristics,***  
2nd Edition, Springer Verlag 2004. ISBN 3-540-22494-7. [more >>](#).
529. Moiseiwitsch B.L.,  
***Variational Principles,***  
Dover Publications 2004. ISBN 978-0486438177. [more >>](#).
530. Montgomery D.C.,  
***Design and Analysis of Experiments,***  
**6th Edition**, John Wiley & Sons 2004. ISBN 0-471-48735-X. [more >>](#).
531. Moser Leo,  
***An Introduction to the Theory of Numbers,***  
Trillia Group 2004. ISBN 978-1931705011. Available [online](#).
532. Motulsky H., Christopoulos A.,  
***Fitting Models to Biological Data Using Linear and Nonlinear Regression:  
A Practical Guide to Curve Fitting,***  
Oxford University Press 2004. ISBN 0-195-17180-2. [more >>](#).
533. Polya Gyorgy,  
***How to Solve It: A New Aspect of Mathematical Method,***  
Princeton University Press 2004. ISBN 0-691-11966-X. [more >>](#).
534. Rade L., Westerngran B., Editors,  
***Mathematics Handbook for Science and Engineering,***  
**5th Edition**, Springer 2004. ISBN 3-540-21141-1. [more >>](#).
535. Réfrégier P.,  
***Noise Theory and Application to Physics,***  
Springer 2004. ISBN 0-387-20154-8. [more >>](#).
536. Rosen Kenneth H.,  
***Elementary Number Theory & Its Applications,***  
**5th Edition**, Addison Wesley 2004. ISBN 978-0321237072. [Hardcover >>](#). [6th Edition >>](#).

537. Ross Kenneth A.,  
***Elementary Analysis: The Theory of Calculus,***  
Springer 2004. ISBN 978-0387904597. Hardcover >>. 2nd Edition >>.
538. Skilling J., Editor,  
***Maximum Entropy and Bayesian Methods,***  
Springer Verlag 2004. ISBN 0-792-30224-9. more >>.
539. Steele J.M.,  
***The Cauchy-Schwarz Master Class:  
An Introduction to the Art of Mathematical Inequalities,***  
Cambridge University Press 2004. ISBN 0-521-54677-X. more >>.  
A math problems book.
540. Tarantola A.,  
***Inverse Problem Theory and Methods for Model Parameter Estimation,***  
SIAM 2004. ISBN 0-898-71572-5. Available also online. more >>.
541. Van den Berg J.C.,  
***Wavelets in Physics,***  
2nd Edition, Cambridge University Press 2004. ISBN 0-521-53353-8. 1st Edition 1998. more >>.
542. Vazirani V.V.,  
***Approximation Algorithms,***  
Springer Verlag 2004. ISBN 3-540-65367-8. more >>.
543. Vinogradov I.M.,  
***The Method of Trigonometrical Sums in the Theory of Numbers,***  
Dover Publications 2004. ISBN 978-0486438788. Paperback >>. Kindle >>.
544. Walnut D.F.,  
***An Introduction to Wavelet Analysis,***  
Birkhauser 2004. ISBN 0-817-63962-4. more >>.
545. Wasserman Larry,  
***All of Statistics: A Concise Course in Statistical Inference,***  
Springer Verlag 2004. ISBN 978-0387402727. Hardcover.  
See 2010 paperback edition.
546. Wilkinson J.H.,  
***The Algebraic Eigenvalue Problem,***  
New Edition, Oxford University Press 2004, ISBN 0-198-53418-3. 1st Edition 1965. more >>.
547. Zakon Elias,  
***Mathematical Analysis I,***  
Trillia Group 2004. ISBN 978-193170502X. Available online.

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### Year 2003

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548. Adams Robert A., Fournier John J.F.,  
***Sobolev Spaces,***  
Academic Press 2003. ISBN 978-0120441433. Hardcover. Kindle.
549. Banks J., Dragan V., Jones A.,  
***Chaos: A Mathematical Introduction,***  
in *Australian Mathematical Society Lecture Series,*  
Cambridge University Press 2003. ISBN 0-521-53104-7. more >>.
550. Barbeau E.J.,  
***Polynomials,***  
Springer 2003. ISBN 978-0387406275. more >>.
551. Bellman Richard,  
***Perturbation Techniques in Mathematics, Engineering and Physics,***  
Dover Publications 2003. ISBN 0-486-43258-0. more >>.
552. Bonnans J.F., Gilbert J.C., Lemaréchal C., Sagastizábal C.A.,  
***Numerical Optimization: Theoretical and Practical Aspects,***  
Springer Verlag 2003. ISBN 3-540-00191-3. more >>.
553. Borovik A.V., Gelfand I.M., White N.,  
***Coxeter Matroids,***  
Birkhäuser, Boston 2003. ISBN 0-817-63764-8. more >>.
554. Borwein J., Bailey D.,  
***Mathematics by Experiment: Plausible Reasoning in the 21st Century,***  
AK Peters 2003. ISBN 1-568-81211-6. more >>.
555. Cann A.J.,  
***Maths from Scratch for Biologists,***  
Wiley 2003. ISBN 0-471-49835-1. more >>.
556. Castrigiano D.P.L., Hayes S.A.,  
***Catastrophe Theory,***  
2nd Edition, Westview Press 2003. ISBN 0-813-34125-6. more >>.
557. Congdon P.,  
***Applied Bayesian Modelling,***  
J.Wiley & Sons 2003. ISBN 0-471-48695-7. more >>.
558. Dummit David S., Foote Richard M.,  
***Abstract Algebra,  
3rd Edition,*** Wiley 2003. ISBN 978-0471433347. more >>.
559. Ehrenpreis L.,  
***The Universality of the Radon Transform,***  
Oxford University Press 2003. ISBN 0-198-50978-2. more >>.



560. Epp Susanna S.,  
***Discrete Mathematics with Applications,***  
**3rd Edition**, Brooks Cole 2003. ISBN 978-0534359454. [more >>](#).  
See also the accompanying [Student Solutions Manual](#).
561. Finch S.,  
***Mathematical Constants,***  
in the Series *Encyclopedia of Mathematics and its Applications*,  
Cambridge University Press 2003. ISBN 978-0521818056. [Hardcover >>](#).
562. Gelbaum Bernard R., Olmsted John M.H.,  
***Counterexamples in Analysis,***  
Dover Publications 2003. ISBN 978-0486428758. [more >>](#).
563. Gelman A., Carlin J.B., Stern H.S., Rubin D.B.,  
***Bayesian Data Analysis,***  
2nd Edition, Chapman & Hall/CRC 2003. ISBN 1-584-88388-X. [more >>](#).
564. Gouvea Fernando,  
***p-adic Numbers: An Introduction,***  
2nd Edition, Springer 2003. ISBN 978-3540629115. [Paperback >>](#). [Kindle >>](#).
565. Gregory K.,  
***Microsoft Visual C++ .NET 2003 Kick Start,***  
Sams 2003. ISBN 0-672-32600-0. [more >>](#).
566. Grimaldi Ralph P.,  
***Discrete and Combinatorial Mathematics: An Applied Introduction,***  
**5th Edition**, Pearson 2003. ISBN 978-0201726343. [Hardcover >>](#). [Kindle >>](#).
567. Gross J.L., Yellen J., Editors,  
***Handbook of Graph Theory,***  
CRC 2003. ISBN 1-584-88090-2. [more >>](#).
568. Hungerford T.W.,  
***Algebra,***  
Springer Verlag 2003. ISBN 0-387-90518-9. [more >>](#).
569. Ivc Alexandar,  
***The Riemann Zeta-Function: Theory and Applications,***  
Dover Publications 2003. ISBN 978-0486428130. [Paperback >>](#). [Kindle >>](#).
570. Jaynes E.T.,  
***Probability Theory: The Logic of Science,***  
Cambridge University Press 2003. ISBN 0-521-59271-2. [more >>](#).
571. Kufner A., Persson L.E.,  
***Weighted Inequalities of Hardy Type,***  
World Scientific Publishing Company 2003. ISBN 9-812-38195-3. [more >>](#).
572. Lebedev L.P., Cloud M.J.,  
***Tensor Analysis,***  
World Scientific Publishing Company 2003. ISBN 9-812-38360-3. [more >>](#).
573. Lieb Elliott H. (Selecta of), Edited by Loss Michael, Ruskai Mary B.,  
***Inequalities,***  
Springer 2003. ISBN 978-3540430216. [more >>](#).
574. Oksendal B.,  
***Stochastic Differential Equations: An Introduction with Applications,***  
**6th Edition**, Springer Verlag 2003. ISBN 3-540-04758-1. [more >>](#).
575. Poonen Bjorn, Tschinkel Yuri, Editors,  
***Arithmetic of Higher Dimensional Algebraic Varieties,***  
Birkhäuser Boston 2003. ISBN 978-0817632595. [Hardcover](#). [Kindle](#).
576. Pugh Charles C.,  
***Real Mathematical Analysis,***  
Springer 2003. ISBN 978-0387952970. [Hardcover](#). [Kindle](#).
577. Smith D., Conway John B.,  
***On Quaternions and Octonions,***  
AK Peters 2003. ISBN 1-568-81134-9. [more >>](#).
578. Stein Elias M., Rami Shakarchi,  
***Complex Analysis,***  
Princeton University Press 2003. ISBN 978-0691113852. [Hardcover](#). [Kindle](#).
579. Stein Elias M., Rami Shakarchi,  
***Fourier Transform: An Introduction,***  
Princeton University Press 2003. ISBN 978-0691113845. [Hardcover](#). [Kindle](#).
580. Stopple Jeffrey,  
***A Primer on Analytic Number Theory: From Pythagoras to Riemann,***  
Cambridge University Press 2003. ISBN 978-0521012539. [Paperback](#). [Kindle](#).
581. Strichartz R.S.,  
***A Guide to Distribution Theory and Fourier Transforms,***  
World Scientific Publishing Company 2003. ISBN 9-812-38430-8. [more >>](#).
582. Stroud K.A., Booth D.J.,  
***Advanced Engineering Mathematics,***  
**4th Edition**, Industrial Press 2003. ISBN 0-831-13169-1. [more >>](#).
583. Suppes P., Zanotti M.,  
***Foundations of Probability with Applications,***  
New Edition, Cambridge University Press 2003. ISBN 0-521-56835-8. [more >>](#).
584. Wallace E.C., West S.F., Wallace E., West S.,  
***Roads to Geometry,***

**3rd Edition**, Prentice Hall 2003. ISBN 0-130-41396-8. [more >>](#).

585. Weber H.J., Arfken G.B.,  
**Essential Mathematical Methods for Physicists**,  
Academic Press 2003. ISBN 0-120-59877-9. [more >>](#).
586. Winkler Robert L.,  
**An Introduction to Bayesian Inference and Decision**,  
2nd Edition, Probabilistic Publishing 2003. ISBN 978-0964793842. [more >>](#).
587. Xiong D.,  
**The Natural Axiom System of Probability Theory: Mathematical Model of the Random Universe**,  
World Scientific Pub Co. 2003. ISBN 9-812-38408-1. [more >>](#).

---

## Year 2002

---

588. Abbott S.,  
**Understanding Analysis**,  
Springer 2002. ISBN 978-0387950600. [Hardcover >>](#). [2nd Edition >>](#).
589. Addison P.S.,  
**The Illustrated Wavelet Transform Handbook**,  
Taylor & Francis 2002. ISBN 0-750-30692-0. [more >>](#).
590. Agresti A.,  
**Categorical Data Analysis**,  
2nd Edition, Wiley-Interscience 2002. ISBN 0-471-36093-7. [more >>](#).
591. Anderson I.,  
**Combinatorics of Finite Sets**,  
Dover Publications 2002. ISBN 0-486-42257-7. [more >>](#).
592. Andreescu Titu, Feng Zumin,  
**102 Combinatorial Problems**,  
Birkhauser 2002. ISBN 978-0817643171. [Paperback >>](#).
593. Archer T., Whitechapel A.,  
**Inside C#**,  
2nd Edition, Microsoft Press 2002. ISBN 0-735-61648-5. [more >>](#).
594. Archer T., Whitechapel A.,  
**Visual C++.NET Bible**,  
J.Wiley 2002. ISBN 0-764-54837-9. [more >>](#).
595. Bachman George, Narici Lawrence, Beckenstein Edward,  
**Fourier and Wavelet Analysis**,  
Springer 2002. ISBN 978-0387988993. [Hardcover >>](#). [Kindle >>](#).
596. Bollobas B.,  
**Modern Graph Theory**,  
Springer Verlag 2002. ISBN 0-387-98488-7. [more >>](#).
597. Blanchard Paul, Devaney Robert L., Hall Glen R.,  
**Differential Equations**,  
2nd Edition, Brooks Cole 2002. With CD. ISBN 978-0534385149. [Hardcover >>](#). [4th Edition >>](#).
598. Bollobas B.,  
**Modern Graph Theory**,  
Springer Verlag 2002. ISBN 0-387-98488-7. [more >>](#).
599. Chartrand G., Polimeni A.D., Zhang P.,  
**Mathematical Proofs: A Transition to Advanced Mathematics**,  
Addison Wesley 2002. ISBN 0-201-71090-0. [more >>](#).
600. D'Angelo J.P.,  
**Inequalities from Complex Analysis**,  
Mathematical Association of America (MAA) 2002. ISBN 0-883-85033-8. [more >>](#).
601. DuChateau P., Zachmann D.,  
**Applied Partial Differential Equations**,  
Dover Publications 2002. ISBN 0-486-41976-2. [more >>](#).
602. Dyke P.P.G.,  
**An Introduction to Laplace Transforms and Fourier Series**,  
Springer Verlag 2002. ISBN 1-852-33015-5. [more >>](#).
603. Euclid, edited by Densmore Dana, translated by Heath T.L.,  
**Euclid's Elements**,  
Green Lion Press 2002, ISBN 978-1888009194, [Paperback >>](#).  
Original edition: 3rd or 4th century B.C.
604. Flannery S.,  
**In Code: A Mathematical Journey**,  
Algonquin Books 2002. ISBN 1-565-12377-8. [more >>](#).
605. Gelfand Israel M., Glagoleva E.G, Schnol E.E.,  
**Functions and Graphs**,  
Dover Publications 2002. ISBN 978-0486425641. [Paperback >>](#). [Kindle >>](#).
606. Giordano F.R., Weir M.D., Fox W.P.,  
**A First Course in Mathematical Modeling**,  
**3rd Edition**, Brooks Cole 2002. ISBN 0-534-38428-5. [more >>](#).
607. Gowers Timothy,  
**Mathematics: A Very Short Introduction**,  
Oxford University Press 2002. ISBN 978-0192853615. [Paperback >>](#). [Kindle >>](#).
608. Gregory K.,  
**Special Edition Using Visual C++.NET**,

- Que 2002. ISBN 0-7897-2466-9. [more >>](#).
609. Griffel D.H.,  
**Applied Functional Analysis**,  
Dover Publications 2002. ISBN 0-486-42258-5. [more >>](#).
610. Joseph Anthony, Melnikov Anna, Rentschler Rudolf, Editors,  
**Studies in Memory of Issai Schur**,  
Birkhäuser Boston 2002. ISBN 978-0817642082. [Hardcover](#). [Kindle](#).
611. Kleene S.C.,  
**Mathematical Logic**,  
Dover Publications 2002. ISBN 0-486-42533-9. [more >>](#).
612. Knapp A.W.,  
**Lie Groups: Beyond an Introduction**,  
2nd Edition, Birkhäuser Boston 2002. ISBN 0-817-64259-5. [more >>](#).
613. Krantz S.G.,  
**Calculus Demystified: A Self Teaching Guide**,  
McGraw-Hill Professional 2002. ISBN 0-071-39308-0. [more >>](#).
614. Krantz S.G.,  
**The Elements of Advanced Mathematics**,  
2nd Edition, Chapman & Hall/CRC Press 2002. ISBN 978-1584883036. [more >>](#).
615. Kuipers J.B.,  
**Quaternions and Rotation Sequences:  
A Primer with Applications to Orbits, Aerospace and Virtual Reality**,  
Princeton University Press 2002. ISBN 0-691-10298-8. [more >>](#).
616. Lax Peter D.,  
**Functional Analysis**,  
Wiley-Interscience 2002. ISBN 978-0471556046. [Paperback >>](#). [Kindle >>](#).
617. Lipschutz Seymour, Lipson Mark,  
**Schaum's Easy Outline of Discrete Mathematics**,  
a Discrete Mathematics Crash Course,  
McGraw-Hill 2002. ISBN 978-0071398770. [more >>](#).
618. Liu J.S.,  
**Monte Carlo Strategies in Scientific Computing**,  
Springer Verlag 2002. ISBN 0-387-95230-6. [more >>](#).
619. MacKay D.J.C.,  
**Information Theory, Inference & Learning Algorithms**,  
Cambridge University Press 2002. Available [online](#). ISBN 0-521-64298-1. [more >>](#).
620. Maor E.,  
**Trigonometric Delights**,  
Princeton University Press 2002. Available [online](#). ISBN 0-691-09541-8. [more >>](#).
621. Noronha H.,  
**Euclidean and Non-Euclidean Geometries**,  
Prentice Hall 2002. ISBN 0-130-33717-X. [more >>](#).
622. McWeeny R.,  
**Symmetry: An Introduction to Group Theory and Its Applications**,  
Dover Publications 2002. ISBN 0-486-42182-1. [more >>](#).
623. Pickover Clifford A.,  
**Wonders of Numbers: Adventures in Mathematics, Mind, and Meaning**,  
Oxford University Press 2002. ISBN 978-0195157994. [Paperback >>](#). [Kindle >>](#).
624. Radhakrishna Rao C.R.,  
**Linear Statistical Inference and Its Applications**,  
2nd Edition, Wiley-Interscience 2002. [Paperback ISBN 978-0471218753. more >>](#).  
[hardcover of 1973: ISBN 978-0471708230. more >>](#).
625. Riordan J.,  
**Introduction to Combinatorial Analysis**,  
Dover Publications 2002. ISBN 0-486-42536-3. [more >>](#).
626. Schröder B.,  
**Ordered Sets**,  
Birkhäuser Boston 2002. ISBN 978-0817641283. [more >>](#).
627. Sutton D.,  
**Platonic & Archimedean Solids**,  
Walker & Company 2002. ISBN 978-0802713865. [more >>](#).
628. Templeman J., Vitter D.,  
**Microsoft Visual Studio .Net**,  
Anaya Multimedia 2002. ISBN 8-441-51380-5. [Spanish. more >>](#).
629. Zwillinger D.,  
**CRC Standard Mathematical Tables and Formulae,  
31st Edition**, Chapman & Hall/CRC 2002. ISBN 978-1584882916. [more >>](#).

---

### Year 2001

---

630. Andrews G.E., Askey R., Roy R.,  
**Special Functions**,  
Cambridge University Press 2001. ISBN 0-521-78988-5. [more >>](#).
631. Bellobás B.,  
**Random Graphs**,  
2nd Edition, Cambridge University Press 2001. ISBN 0-521-79722-5. [more >>](#).

632. Berge C.,  
**Theory of Graphs**,  
Dover Publications 2001. ISBN 0-486-41975-4. [more >>](#).
633. Callaghan James J.,  
**The Geometry of Spacetime: An Introduction to Special and General Relativity**,  
Springer 2001. ISBN 978-0387986418. [Hardcover >>](#).
634. Casella George, Berger Roger L.,  
**Statistical Inference**,  
Duxbury Press 2001. ISBN 978-0534243128. [more >>](#).
635. Clawson Calvin C.,  
**Mathematical Sorcery: Revealing the Secrets of Numbers**,  
Basic Books 2001. ISBN 978-0738204963. [more >>](#).
636. Cohen Gary,  
**Higher-Order Numerical Methods for Transient Wave Equations**,  
Springer 2001. ISBN 978-3540415985. [Hardcover](#). [Kindle](#).
637. Cormen T.H., Leiserson C.E., Rivest R.L., Stein C.,  
**Introduction to Algorithms**,  
2nd Edition, The MIT Press 2001. ISBN 978-0262032933. [more >>](#).
638. Cox Richard T.,  
**Algebra of Probable Inference**,  
Johns Hopkins University Press 2001. ISBN 0978-0801869822. [Paperback >>](#).
639. De Boor C.,  
**A Practical Guide to Splines**,  
Springer 2001. ISBN 978-0387953663. [more >>](#).
640. Devin K.,  
**Mathematics: the new golden age**,  
Columbia University Press 2001. ISBN 0-231-11639-X. [more >>](#).
641. Edwards Harold M.,  
**Riemann's Zeta Function**,  
Dover Publications 2001. ISBN 0-486-41740-9. [Paperback >>](#).
642. George A.L., Velleman D.,  
**Philosophies of Mathematics**,  
Wiley-Blackwell 2001. ISBN 978-0631195443. [more >>](#).
643. Godsil C., Royle G.,  
**Algebraic Graph Theory**,  
Springer Verlag 2001. ISBN 0-387-95220-9. [more >>](#).
644. Gross J.L., Tucker T.W.,  
**Topological Graph Theory**,  
Dover Publications 2001. ISBN 0-486-41741-7. [more >>](#).
645. Hatcher A.,  
**Algebraic Topology**,  
Cambridge University Press 2001. ISBN 0-521-79540-0. Vol.I. [available online](#). [more >>](#).
646. Herstein I.,  
**Topics in Algebra**,  
2nd Edition, J.Wiley 2001. ISBN 0-471-01090-1. 1st rev. edition 1977; 1st Edition, Xerox, Lexington 1975.  
[more >>](#).
647. Howell K.B.,  
**Principles of Fourier Analysis**,  
CRC 2001. ISBN 0-849-38275-0. [more >>](#).
648. Jensen A., La Cour-Harbo Anders,  
**Ripples in Mathematics**,  
Springer Verlag 2001. ISBN 978-3540416623. [Paperback >>](#). [Kindle >>](#).
649. Kreyszig Erwin,  
**Mathematica Computer Manual to accompany Advanced Engineering Mathematics**,  
**8th Edition**, John Wiley 2001. ISBN 0-471-38669-3. [more >>](#). [See also >>](#).
650. Kriele M.,  
**Spacetime: Foundations of General Relativity and Differential Geometry**,  
Springer 2001. ISBN 3-540-66377-0. [more >>](#).
651. Lieb E.H., Loss M.,  
**Analysis**,  
AMS, American Mathematical Society 2001. ISBN 0-821-82783-9. [more >>](#).
652. Lundy M.,  
**Sacred Geometry**,  
Walker & Company 2001. ISBN 978-0802713827. [more >>](#).
653. Lyndon R.C., Schupp P.E.,  
**Combinatorial Group Theory**,  
Springer 2001. ISBN 978-3540411581. [more >>](#).
654. Marshall A.G.,  
**Fourier, Hadamard, and Hilbert Transforms in Chemistry**,  
Springer Verlag / Plenum Press, New York 2001. ISBN 0-306-40904-6. [more >>](#).
655. Meyer C.,  
**Matrix Analysis and Applied Linear Algebra Book and Solutions Manual**,  
SIAM: Society for Industrial and Applied Mathematics, 2001. ISBN 978-0898714548. [more >>](#).
656. Mitrinovic D.S., Pecaric J.E., Volenec V.,  
**Recent Advances in Geometric Inequalities**,  
Springer Verlag 2001. ISBN 9-027-72565-9. [more >>](#).

657. Miyaji C., Abbott P.C.,  
**MathLink: Network Programming with Mathematica**,  
Cambridge University Press 2001.  
ISBN 0-521-64172-1 (hardback), 0-521-64598-0 (paperback). With CD. [more >>](#).
658. Natterer F.,  
**The Mathematics of Computerized Tomography**,  
SIAM, Society for Industrial and Applied Mathematics, 2001. ISBN 0-898-71493-1. [more >>](#).
659. Olds C.D., Lax A., Davidoff G.P.,  
**The Geometry of Numbers**,  
The Mathematical Association of America, 2001. ISBN 0-883-85643-3. [more >>](#).
660. Ozaktas H.M., Zalevsky Z., Kutay M.A.,  
**The Fractional Fourier Transform with Applications in Optics and Signal Processing**,  
John Wiley & Sons 2001. ISBN 0-471-96346-1. [more >>](#).
661. Rhee H-K., Aris Rutherford, Amundson N.R.,  
**First-Order Partial Differential Equations,  
Volume 1: Theory and Applications of Single Equations**,  
Dover Publications 2001. ISBN 0-486-41993-2. [more >>](#).
662. Rhee H-K., Aris Rutherford, Amundson N.R.,  
**First-Order Partial Differential Equations,  
Volume 2: Theory and Application of Hyperbolic Systems of Quasilinear Equations**,  
Dover Publications 2001. ISBN 0-486-41994-0. [more >>](#).
663. Shiryayev A.N., Editor,  
**Selected Works of A.N. Kolmogorov:  
Volume II: Probability Theory and Mathematical Statistics**,  
Springer Verlag 2001. ISBN 9-027-72797-X. [more >>](#).
664. Stanley R.P., Fomin S.,  
**Enumerative Combinatorics**, Vol.II,  
Cambridge University Press 2001. ISBN 0-521-78987-7. For Vol.I, see 2000. [more >>](#).
665. Stroud K.A., Booth D.J.,  
**Engineering Mathematics,  
5th Edition**, Industrial Press 2003. ISBN 0-831-13152-7. [more >>](#).
666. Thuillard M.,  
**Wavelets in Soft Computing**,  
World Scientific Publishing Co. 2001. ISBN 9-810-24609-9. [more >>](#).
667. Wang R-H.,  
**Multivariate Spline Functions and Their Applications**,  
Springer 2001. ISBN 978-0792369677. [more >>](#).
668. Weeks J.R.,  
**The Shape of Space**,  
CRC 2001. ISBN 0-824-70709-5. [more >>](#).
669. Zakon Elias,  
**Basic Concepts of Mathematics**,  
Trillia Group 2001. ISBN 978-1931705003. Available [online](#).

---

### Year 2000

---

670. Adamyan V.M., Gohberg I., Gorbachuk M.L., Gorbachuka V.I., Kaashoek M.A., Popov G., Langer H., Editors,  
**Differential Operators and Related Topics**,  
Proceedings of the Mark Krein International Conference on Operator Theory and Applications,  
August 18-22, 1997, Odessa, Ukraine,  
Birkhauser 2000. ISBN 3-764-36287-1. [more >>](#).
671. Aiyangar S.R., Hardy G.H., Aiyar P.V.S., Wilson B.M.,  
**Collected Papers of Srinivasa Ramanujan**,  
AMS / Chelsea Pub. 2000. ISBN 0-821-82076-1. [more >>](#).
672. Beardon A.F.,  
**Iteration of Rational Functions: Complex Analytic Dynamical Systems**,  
Springer 2000. ISBN 0-387-95151-2. [more >>](#).
673. Bender Edward A.,  
**An Introduction to Mathematical Modeling**,  
Dover Publications 2000. ISBN 978-0486411804. [more >>](#).
674. Björner A., Las Vergnas M., Sturmfels B., White N., Ziegler G.M.,  
**Oriented Matroids**,  
2nd Edition, Cambridge University Press 2000. ISBN 0-521-77750-X. [more >>](#).
675. Bloch E.D.,  
**Proofs and Fundamentals: A First Course in Abstract Mathematics**,  
Birkhauser Boston 2000. ISBN 0-817-64111-4. [more >>](#).
676. Brzezniak Z., Zastawniak T.,  
**Basic Stochastic Processes**,  
Springer Verlag 2000. ISBN 3-540-76175-6. [more >>](#).
677. Calvin B.P., Luis T.A.,  
**Bayes and Empirical Bayes Methods for Data Analysis**,  
2nd Edition, Chapman & Hall/CRC 2000. ISBN 1-584-88170-4. [more >>](#).
678. Cohn P.M.,  
**Classic Algebra**,  
John Wiley & Sons 2000. ISBN 0-471-87731-X. [more >>](#).
679. Duda R.O., Hart P.E., Stork D.G.,

- Pattern Classification**,  
2nd Edition, Wiley-Interscience 2000. ISBN 0-471-05669-3. [more >>](#).
680. Düntsch I., Gediga G.,  
**Sets, Relations, Functions**,  
Methodos Publishers 2000. ISBN 1-903-28000-1. Available [online](#). [more >>](#).
681. Düntsch I., Gediga G.,  
**Rough Set Data Analysis: A road to non-invasive knowledge discovery**,  
Methodos Publishers 2000. ISBN 1-903-28001-X. Available [online](#). [more >>](#).
682. Enderton H.B.,  
**A Mathematical Introduction to Logic**,  
2nd Edition, Academic Press 2000. ISBN 0-122-38452-0. [more >>](#).
683. Flannery S.,  
**In Code**,  
Profile Books Ltd 2000. ISBN 1-861-97222-9. [more >>](#).
684. Fletcher R.,  
**Practical Methods of Optimization**,  
John Wiley & Sons 2000. ISBN 0-471-49463-1. [more >>](#).
685. Gelfand I.M., Fomin S.V.,  
**Calculus of Variations**,  
Dover Publications 2000. ISBN 0-486-41448-5. [Paperback >>](#). [Kindle >>](#).
686. Haskell D., Pillay A., Steinhorn C., Editors,  
**Model Theory, Algebra and Geometry**,  
Cambridge University Press 2000. ISBN 0-521-78068-3. [more >>](#).
687. Hindry M., Silverman J.H.,  
**Diophantine Geometry: An Introduction**,  
Springer 2000. ISBN 0-387-98981-1. [more >>](#).
688. Keener J.P.,  
**Principles of Applied Mathematics: Transformation and Approximation**,  
Perseus Books Group 2000. ISBN 0-738-20129-4. [more >>](#).
689. Kloeden Peter E., Platen Eckhard,  
**Numerical Solution of Stochastic Differential Equations**,  
Springer 2000. ISBN 978-3540540625. [more >>](#).
690. Kokoska S., Zwillinger D.,  
**CRC Standard Probability and Statistics Tables and Formulae**,  
CRC 2000. ISBN 0-849-30026-6. [more >>](#).
691. Korn Granino A., Korn Theresa M.,  
**Mathematical Handbook for Scientists and Engineers:  
Definitions, Theorems, and Formulas for Reference and Review**,  
2nd Edition, Dover Publications 2000. ISBN 978-0486411477. [more >>](#).
692. Matthews Paul C.,  
**Vector Calculus**,  
Springer 2000. ISBN 978-3540761808. [Paperback >>](#). [Kindle >>](#).
693. Murota K.,  
**Matrices and Matroids for Systems Analysis**,  
Springer Verlag 2000. ISBN 3-540-66024-0. [more >>](#).
694. Narkiewicz Wladyslaw,  
**The Development of Prime Number Theory: From Euclid to Hardy and Littlewood**,  
Springer 2000. ISBN 978-3540662891. [Hardcover >>](#). [Kindle >>](#).
695. Nocedal J., Wright S.,  
**Numerical Optimization**,  
Springer Verlag 2000. ISBN 0-387-98793-2. [more >>](#).
696. Pearl J.,  
**Causality: Models, Reasoning, and Inference**,  
Cambridge University Press 2000. ISBN 0-521-77362-8. [more >>](#).
697. Rassias T.M.,  
**Survey on Classical Inequalities**,  
Springer 2000. ISBN 978-0792364832. [more >>](#).
698. Rynne B.P., Youngson M.A.,  
**Linear Functional Analysis**,  
in *Springer Undergraduate Mathematics Series*,  
Springer Verlag 2000. ISBN 1-852-33257-3. [more >>](#).
699. Shapiro Steward,  
**Thinking about Mathematics: The Philosophy of Mathematics**  
Oxford University Press 2000. ISBN 978-0192893062. [more >>](#).
700. Stanley R.P., Fomin S.,  
**Enumerative Combinatorics**, Vol.I,  
2nd Edition, Cambridge University Press 2000. ISBN 0-521-66351-2. [more >>](#).
701. Tenenbaum G., France M.M.,  
**The Prime Numbers and Their Distribution**,  
American Mathematical Society (AMS) 2000. ISBN 0-821-81647-0. [more >>](#).
702. West D.B.,  
**Introduction to Graph Theory**,  
2nd Edition, Prentice Hall 2000. ISBN 0-130-14400-2. [more >>](#).
703. Zill Dennis G.,  
**A First Course in Differential Equations: The Classic Fifth Edition,  
5th Edition**, Brooks Cole 1999. ISBN 978-0534373887. [Hardcover >>](#). [10th Edition >>](#).

---

## Year 1999

---

704. Alexandrov A.D., Kolmogorov A.N., Lavrentev M.A.,  
**Mathematics: Its Contents, Methods, and Meaning**,  
Dover Publications 1999. ISBN 0-0486409160. [Paperback >>](#). [Kindle >>](#).
705. Bartle Robert G., Sherbert Donald R.,  
**Introduction to Real Analysis**,  
**3rd Edition**, Wiley 1999. ISBN 978-0471321484. [Hardcover >>](#). [4th Edition >>](#).
706. Bracewell R.,  
**The Fourier Transform and its Applications**,  
**3rd Edition**, McGraw-Hill 1999. ISBN 978-0073039381. [more >>](#).
707. Bullen P.S., Mitrinovic D.S., Vasic M.,  
**Means and Their Inequalities**,  
Springer Verlag 1999. ISBN 978-9027726292. [more >>](#).
708. Claws on Calvin C.,  
**Mathematical Mysteries: The Beauty and Magic of Numbers**,  
Basic Books 1999. ISBN 978-0738202594. [more >>](#).
709. Conway John B.,  
**A Course in Operator Theory**,  
American Mathematical Society 1999. ISBN 978-0821820650. [more >>](#).
710. Cox David A., Sheldon Katz,  
**Mirror Symmetry and Algebraic Geometry**,  
AMS American Mathematical Society 1999. ISBN 978-0821810590. [Paperback >>](#).
711. Cramer Harald,  
**Mathematical Methods of Statistics**,  
Princeton University Press, Princeton, NJ, 1999 (reprint of 1946). ISBN 978-0691005478. [more >>](#).
712. Daniel C., Wood F.S.,  
**Fitting Equations to Data: Computer Analysis of Multifactor Data**,  
2nd Edition, Wiley-Interscience 1999. ISBN 0-471-37684-1. [more >>](#).  
A must for data fitting.
713. D'Angelo Frank, Seyfried Michael,  
**Introductory Real Analysis**,  
Brooks Cole 1999. ISBN 978-0395959336. [more >>](#).  
A must for data fitting.
714. Eisenbud D.,  
**Commutative Algebra with a View Toward Algebraic Geometry**,  
Springer Verlag 1999. ISBN 0-387-94269-6. [more >>](#).
715. Engel A.,  
**Problem-Solving Strategies**,  
Springer Verlag 1999. ISBN 0-387-98219-1. [more >>](#).
716. Fulton William, Harris Joe,  
**Representation Theory: A First Course**,  
Springer Verlag 1999. ISBN 978-0387974958. [more >>](#).
717. Hardy G.H.,  
**Ramanujan: Twelve Lectures on Subjects Suggested by His Life and Work**,  
AMS / Chelsea Pub. 1999. ISBN 0-821-82023-0. [more >>](#).
718. Hardy G.H., Rogosinski W.W.,  
**Fourier Transform**,  
New Edition, Dover Publications 1999. ISBN 0-486-40681-4. [more >>](#).
719. Helgason S.,  
**The Radon Transform**,  
2nd Edition, Birkhauser 1999. ISBN 0-817-64109-2. [more >>](#).
720. Hollander M., Wolfe D.A.,  
**An Introduction to Categorical Data Analysis**,  
2nd Edition, Wiley-Interscience 1999. ISBN 0-471-19045-4. [more >>](#).
721. Hrbacek K., Jech T.,  
**Introduction to Set Theory**,  
**3rd Edition**, CRC / Dekker 1999. ISBN 0-824-77915-0. [more >>](#).  
Revised and expanded; 2nd Edition of 1984.
722. Kolmogorov A.N., Fomin S.V.,  
**Elements of the Theory of Functions and Functional Analysis**,  
Dover Publications 1999. ISBN 978-0486406831. [Paperback](#). See also 2012 re-edition.
723. Mallat Stephane,  
**A Wavelet Tour of Signal Processing**,  
2nd Edition, Academic Press 1999. ISBN 0-124-66606-X. [Hardcover >>](#). [3rd Edition >>](#).
724. May J.P.,  
**A Concise Course in Algebraic Topology**,  
University Of Chicago Press 1999. ISBN 0-226-51183-9. [Available online. more >>](#).
725. Mertins A.,  
**Signal Analysis: Wavelets, Filter Banks, Time-Frequency Transforms and Applications**,  
Reedition, John Wiley & Sons 1999. ISBN 0-471-98626-7. [more >>](#).
726. Moon T.K., Stirling W.C.,  
**Mathematical Methods and Algorithms for Signal Processing**,  
Prentice Hall 1999. ISBN 0-201-36186-8. [With CD. more >>](#).

727. Mollin R.A.,  
**Algebraic Number Theory**,  
CRC 1999. ISBN 0-849-33989-8. [more >>](#).
728. Munkres J.,  
**Topology**,  
2nd Edition, Prentice Hall 1999. ISBN 0-131-81629-2. [more >>](#).
729. Nievergelt Yves,  
**Wavelets Made Easy**,  
Birkhäuser 1999. ISBN 978-0817640613. [Hardcover Kindle](#)
730. Rosen K.H.,  
**Handbook of Discrete and Combinatorial Mathematics**,  
CRC 1999. ISBN 0-849-30149-1. [more >>](#).
731. Schiff J.L.,  
**The Laplace Transform: Theory and Applications**,  
Springer Verlag 1999. ISBN 0-387-98698-7. [more >>](#).
732. Taylor P.,  
**Practical Foundations of Mathematics**,  
Cambridge University Press 1999. ISBN 978-0521631075. Available [online](#). [more >>](#).
733. Teschl G.,  
**Jacobi Operators and Completely Integrable Nonlinear Lattices**,  
AMS 1999. ISBN 978-0821819401. Available [online](#). [more >>](#).
734. Vidakovic B.,  
**Statistical Modeling by Wavelets**,  
Wiley-Interscience 1999. ISBN 0-471-29365-2. [more >>](#).
735. Walker J.S.,  
**A Primer on Wavelets and Their Scientific Applications**,  
CRC Press 1999. ISBN 0-849-38276-9. [more >>](#).

---

### Year 1998

---

736. Abbott P.C.,  
**Introduction to Wavelets**,  
University of Western Australia 1998.
737. Andrews G.E.,  
**The Theory of Partitions**,  
Cambridge University Press 1998. ISBN 0-521-63766-X. [more >>](#).
738. Apostol Tom M.,  
**Introduction to Analytic Number Theory**,  
Springer Verlag 1998. ISBN 978-0387901633. [Hardcover >>](#).
739. Ash R.B.,  
**A Primer of Abstract Mathematics**,  
The Mathematical Association of America (MAA) 1998. ISBN 0-883-85708-1. [more >>](#).
740. Bachman George, Narici Lawrence,  
**Functional Analysis**,  
2nd Edition, Dover Publications 1998. ISBN 978-0486402512. [Paperback >>](#). [Kindle >>](#).
741. Berndt Bruce C.,  
**Ramanujan's Notebooks: Part V**,  
Springer Verlag 1998. ISBN 978-0387949413. [more >>](#).
742. Borwein Jonathan M., Borwein Peter B.,  
**Pi and the AGM: A Study in Analytic Number Theory and Computational Complexity**,  
Wiley-Interscience 1998. ISBN 978-0471315155. [more >>](#).
743. Brandt S.,  
**Data Analysis: Statistical and Computational Methods for Scientists and Engineers**,  
**3rd Edition**, Springer Verlag 1998. ISBN 0-387-98498-4. [more >>](#).
744. Bullen P.S.,  
**A Dictionary of Inequalities**,  
Chapman & Hall/CRC 1998. ISBN 0-823-2748-2. [more >>](#).
745. Carmona R., Hwang W-L., Torresani B.,  
**Practical Time-Frequency Analysis: Gabor & Wavelet Transforms with An Implementation in S**,  
in *Wavelet Analysis and Its Applications*, Vol 9,  
Academic Press 1998. ISBN 0-121-60170-6. [more >>](#).
746. Draper N.R., Smith H.,  
**Applied Regression Analysis**,  
**3rd Edition**, Wiley-Interscience 1998. ISBN 0-471-17082-8. With CD. [more >>](#).  
A must for data fitting.
747. Eccles P.J.,  
**An Introduction to Mathematical Reasoning: Numbers, Sets and Functions**,  
Cambridge University Press 1998. ISBN 0-521-59718-8. [more >>](#).
748. Evans Lawrence C.,  
**Partial Differential Equations**,  
AMS, American Mathematical Society 1998. ISBN 978-0821807729. [Hardcover >>](#). [2nd Edition >>](#).
749. Gnedenko B.V.,  
**Theory of Probability**,  
**6th Edition**, CRC 1998. ISBN 978-9056995850. [more >>](#).  
1st Edition, Chelsea Publishing Co., New York, 1962.
750. Gregg J.R.,



**Ones and Zeros: Understanding Boolean Algebra, Digital Circuits, and The Logic of Sets**,  
Wiley-IEEE Press 1998. ISBN 0-780-33426-4. [more >>](#).

751. Harris J.W., Stocker H.,  
**Handbook of Mathematics and Computational Science**,  
Springer Verlag 1998. ISBN 0-387-94746-9. [more >>](#).
752. Higham Nicholas J.,  
**Handbook of Writing for the Mathematical Sciences**,  
SIAM (Society for Industrial and Applied Mathematics) 1998. ISBN 978-0898714203. [Hardcover >>](#).
753. Hubbard B.B.,  
**The World According to Wavelets: The Story of a Mathematical Technique in the Making**,  
2nd Edition, AK Peters 1998. ISBN 1-568-81072-5. [more >>](#).
754. Ireland Kenneth, Rosen Michael,  
**A Classical Introduction to Modern Number Theory**,  
2nd Edition, Springer 1998. ISBN 978-0387973296. [Hardcover >>](#).
755. Kline Morris,  
**Calculus: An Intuitive and Physical Approach**,  
2nd Edition, Dover Publications 1998. ISBN 978-0486404530. [Paperback >>](#). [Kindle >>](#).
756. Knuth Donald E.,  
**The Art of Computer Programming, Volume 3: Sorting and Searching**,  
2nd Edition, Addison-Wesley 1998. ISBN 0-201-89685-0. [more >>](#).  
For Volumes 1 and 2, see 1997.
757. Krishna H.,  
**Digital Signal Processing Algorithms: Number Theory, Convolution, Fast Fourier Transforms, and Applications**,  
CRC Press 1998. ISBN 0-849-37178-3. [more >>](#).
758. Maor Eli,  
**e: The Story of a Number**,  
Princeton University Press 1998. ISBN 978-0691058542. [more >>](#).
759. Roche John J.,  
**The Mathematics of Measurement**,  
Springer Verlag 1998. ISBN 978-0387915814. [more >>](#).
760. Singh Simon,  
**Fermat's Enigma: The Epic Quest to Solve te World's Greatest Mathematical Problem**,  
Anchor 1998. ISBN 978-0385493628. [Paperback >>](#). [Kindle >>](#).
761. Smith Donald R.,  
**Variational Methods in Optimization**,  
Dover Publications 1998. ISBN 978-0486404554. [more >>](#).
762. Tymoczko Thomas, Editor,  
**New Directions in the Philosophy of Mathematics**,  
Princeton University Press 1998. ISBN 978-0691034980. [more >>](#).
763. Weisstein Eric W.,  
**The CRC Concise Encyclopedia of Mathematics**,  
CRC Press 1998. ISBN 978-0849396403. Printed or CD versions. [more >>](#).  
There is an updated free version to be [consulted online](#).

---

## Year 1997

---

764. Addison P.S.,  
**Fractals and Chaos**,  
Taylor & Francis 1997. ISBN 0-750-30400-6. [more >>](#).
765. Aigner Martin,  
**Combinatorial Theory**,  
Springer 1997. ISBN 978-3540617877. [more >>](#).
766. Artin Emil,  
**Galois Theory**,  
Dover Publications 1997. ISBN 978-0486623429. [Paperback >>](#). [2012 Kindle >>](#).
767. Bleecker David D., Csordas George,  
**Basic Partial Differential Equations**,  
Longman Publishing Group 1997. ISBN 978-1571460363. [Hardcover >>](#).
768. Bolton W.,  
**Laplace and Z-Transforms**,  
Longman Publishing Group 1997. ISBN 0-582-22819-0. [more >>](#).
769. Boyd S., El Ghaoui L., Feron E., Balakrishnan R.,  
**Linear Matrix Inequalities in System and Control Theory**,  
SIAM 1997. ISBN 0-898-71485-0. Available [online](#). [more >>](#).
770. Burrus C. Sidney, Gopinath Ramesh A., Guo Haitao,  
**Introduction to Wavelets and Wavelet Transforms: A Primer**,  
Prentice Hall 1997. ISBN 978-0134896007. [Paperback >>](#).
771. Eves H.,  
**Foundations and Fundamental Concepts of Mathematics**,  
**3rd Edition**, Dover Publications 1997. ISBN 0-486-69609-X. [more >>](#).
772. Grinstead C.M., Snell J.L.,  
**Introduction to Probability Theory**,  
Prentice Hall 1997. ISBN 0-134-89600-9. Available [Online](#). [more >>](#).
773. Hamming Richard W.,  
**Numerical Methods for Scientists and Engineers**,

- 2nd Edition, Dover Publications 1987. ISBN 978-0486652412. [Paperback >>](#). [Kindle >>](#).
774. Kadison Richard V., Ringrose John,  
***Fundamentals of the Theory of Operator Algebras,***  
American Mathematical Society 1997. ISBN 978-0821808191. [more >>](#).
775. Kadison Richard V., Ringrose John,  
***Fundamentals of the Theory of Operator Algebras, Vol. 2: Advanced Theory,***  
American Mathematical Society 1997. ISBN 978-0821808207. [more >>](#).
776. Knuth Donald E.,  
***The Art of Computer Programming, Volume 1: Fundamental Algorithms,***  
***3rd Edition,*** Addison-Wesley 1997. ISBN 0-201-89683-4. [more >>](#).
777. Knuth Donald E.,  
***The Art of Computer Programming, Volume 2: Seminumerical Algorithms,***  
***3rd Edition,*** Addison-Wesley 1997. ISBN 0-201-89684-2. [more >>](#).  
For Volume 3, see 1998.
778. Lickorish W.B.R.,  
***An Introduction to Knot Theory,***  
Springer 1997. ISBN 978-0387982540. [more >>](#).
779. Lipschutz S.,  
***Schaum's Outline of Discrete Mathematics,***  
McGraw-Hill 1997. ISBN 0-070-38045-7. [more >>](#).
780. Maslen M.J.,  
***Factoring Wavelet Transforms into Lifting Steps,***  
University of Western Australia 1997.
781. Mendelson Elliott,  
***Introduction to Mathematical Logic,***  
***4th Edition,*** Chapman & Hall/CRC 1997. ISBN 0-412-80830-7. [more >>](#).  
For Volume 3, see 1998.
782. Pathak R.S.,  
***Integral Transforms of Generalized Functions and Their Applications,***  
Taylor & Francis 1997. ISBN 978-9056995546. [Hardcover >>](#).
783. Rockafellar Ralph T.,  
***Convex Analysis,***  
Princeton University Press 1997. ISBN 978-0691015866. [Paperback >>](#). [2015 Kindle >>](#).
784. Rotman J.J.,  
***Journey into Mathematics, A: An Introduction to Proofs,***  
Prentice Hall 1997. ISBN 978-0138423605. [Hardcover >>](#). [2013 Kindle >>](#).
785. Thurston William P., Edited by Levy Silvio,  
***Three-Dimensional Geometry and Topology,***  
Princeton University Press 1997. ISBN 978-0691083049. [Hardcover >>](#). [See also.](#)
786. Tolimieri R., An M., Lu C.,  
***Mathematics of Multidimensional Fourier Transform Algorithms,***  
Springer Verlag 1997. ISBN 0-387-98260-4. [more >>](#).
787. Wagner F.,  
***Stable Groups,***  
Cambridge University Press 1997. ISBN 0-521-59839-7. [more >>](#).
788. Zonst A.E.,  
***Understanding FFT Applications:  
A Tutorial for Laymen, Students, Technicians & Working Engineers,***  
Citrus Press 1997. ISBN 0-964-56819-5. [more >>](#).

---

## Year 1996

---

789. Borelli R.L., Coleman C.,  
***Differential Equations,***  
John Wiley & Sons 1996. ISBN 0-471-13599-2. [more >>](#).
790. Carleson L., Gamelin T.W.,  
***Complex Dynamics,***  
Corr.Edition, Springer 1996. ISBN 0-387-97942-5. [more >>](#).
791. Courant Richard,  
***What Is Mathematics? An Elementary Approach to Ideas and Methods,***  
2nd Edition, Oxford University Press 1996. ISBN 978-0195105193. [Paperback >>](#). [Kindle >>](#).
792. Hahn S.L.,  
***Hilbert Transforms in Signal Processing,***  
Artech House Publishers 1996. ISBN 0-890-06886-0. [more >>](#).
793. Halmos P.R.,  
***Linear Algebra Problem Book,***  
The Mathematical Association of America (MAA) 1996. ISBN 0-883-85322-1. [more >>](#).
794. Newland D.E.,  
***Introduction to Random Vibrations, Spectral and Wavelet Analysis,***  
***3rd Edition,*** Prentice Hall 1996. ISBN 0-582-21584-6. [more >>](#).
795. Petrovsek Marko, Wilf Herbert S., Zeilberger Doron,  
***A = B,***  
A.K.Peters/CRC Press 1996. ISBN 978-1568810638. [Hardcover >>](#). [Also available online.](#)
796. Ramm Alexander G., Katsevich Alex I.,  
***The Radon Transform and Local Tomography,***  
CRC 1996. ISBN 978-0849394928. [Hardcover >>](#).

797. Risken Hannes, Frank Till,  
**The Fokker-Planck Equation: Methods of Solutions and Applications**,  
2nd Edition, Springer 1996. ISBN 978-3540615309. [more >>](#).
798. Rockafellar R.T.,  
**Convex Analysis**,  
Reprint Edition, Princeton University Press 1996. ISBN 0-691-01586-4. [more >>](#).
799. Russel B.,  
**The Principles of Mathematics**,  
Reprint Edition, W.W.Norton & Co. 1996. ISBN 0-393-31404-9. [more >>](#).
800. Sivia D.S.,  
**Data Analysis: A Bayesian Tutorial**,  
Oxford University Press 1996. ISBN 0-198-51889-7. [more >>](#).
801. Shilov Georgi E.,  
**Elementary Functional Analysis**,  
2nd Edition, Dover Publications 1996. ISBN 978-0486689234. [Paperback >>](#). [2012 Kindle >>](#).
802. Shilov Georgi E.,  
**Elementary Real and Complex Analysis**,  
2nd Edition, Dover Publications 1996. ISBN 978-0486689227. [Paperback >>](#). [2012 Kindle >>](#).
803. Whittaker E.T., Watson G.N.,  
**A Course of Modern Analysis**,  
Cambridge University Press 1996. ISBN 0-521-58807-3. [more >>](#).
804. Wolfram S.,  
**The Mathematica Book**,  
**3rd Edition**, Wolfram Media/Cambridge University Press, 1996.

---

### Year 1995

---

805. Aris Rutherford,  
**Mathematical Modelling Techniques**,  
Dover Publications 1995. ISBN 978-0486681313. [more >>](#).
806. Bartle Robert G.,  
**The Elements of Integration and Lebesgue Measure**,  
Wiley-Interscience 1999. ISBN 978-0471042228. [more >>](#).
807. Cain G., Meyer G.H.,  
**Separation of Variables for Partial Differential Equations: An Eigenfunction Approach**,  
Chapman & Hall/CRC 1995. ISBN 0-158-488420-7. [more >>](#).
808. Cutland N.J., Neves V., Oliveira A.F., Sousa-Pinto J.,  
**Developments in Nonstandard Mathematics**,  
Chapman & Hall/CRC 1995. ISBN 0-582-27970-4. [more >>](#).
809. Fletcher P., Patty C.W.,  
**Foundations of Higher Mathematics**,  
**3rd Edition**, Brooks Cole 1995. ISBN 0-534-95166-X. [more >>](#).
810. Gzyl H.,  
**The Method of Maximum Entropy**,  
World Scientific Pub.Co. 1995. ISBN 9-810-21812-5. [more >>](#).
811. Koopmans L.H.,  
**The Spectral Analysis of Time Series**,  
Academic Press 1995. ISBN 0-124-19251-3. [more >>](#).
812. Koornwinder T.H.,  
**Wavelets: An Elementary Treatment of Theory and Applications**,  
World Scientific 1995. ISBN 9-810-22486-9. [more >>](#).
813. Krajicek J.,  
**Bounded Arithmetic, Propositional Logic and Complexity Theory**,  
in *Encyclopedia of Mathematics and its Applications*, Vol.60,  
Cambridge University Press 1995. ISBN 0-521-45205-8. [more >>](#).
814. Krantz S.G.,  
**The Elements of Advanced Mathematics**,  
CRC Press 1995. ISBN 0-8493-8491-5. [more >>](#).
815. Motulsky H.,  
**Intuitive Biostatistics**,  
Oxford University Press 1995. ISBN 0-195-08607-4. [more >>](#).
816. Pandey J.N.,  
**The Hilbert Transform of Schwartz Distributions and Applications**,  
Wiley-Interscience 1995. ISBN 0-471-03373-1. [more >>](#).
817. Schramm Michael J.,  
**Introduction to Real Analysis**,  
Prentice Hall 1995. ISBN 978-0132298247. [Hardcover >>](#). [Kindle >>](#).
818. Sloane N.J.A., Plouffe S.,  
**The Encyclopedia of Integer Sequences**,  
Academic Press 1995. ISBN 978-0125586306. Available alsoonline and as a CD. [more >>](#).
819. Sternin B.Yu., Shatalov V.E.,  
**Borel-Laplace Transform and Asymptotic Theory: Introduction to Resurgent Analysis**,  
CRC 1995. ISBN 0-849-39435-X. [more >>](#).
820. Steward Ian,  
**Concepts of Modern Mathematics**,  
Dover Publications 1995. ISBN 978-0486284248. [Paperback >>](#). [2012 Kindle >>](#).

821. Watson G.N.,  
***A Treatise on the Theory of Bessel Functions,***  
Cambridge University Press 1995. ISBN 0-521-48391-3. [more >>](#).
822. Weinberger H.F.,  
***A First Course in Partial Differential Equations:  
with Complex Variables and Transform Methods,***  
Dover Publications 1995. ISBN 978-0486686400. [Paperback >>](#). [Kindle >>](#).
823. Wells David,  
***The Penguin Dictionary of Curious and Interesting Numbers,***  
Penguin Books 1995. ISBN 978-0140080292. [more >>](#).

---

### Year 1994

---

824. Andrews George E.,  
***Number Theory,***  
Dover Publications 1994. ISBN 978-0486682525. [Paperback >>](#). [Kindle >>](#).
825. Arlinghaus S.,  
***Practical Handbook of Curve Fitting,***  
CRC 1994. ISBN 0-849-30143-2. [more >>](#).
826. Atiyah Michael,  
***Introduction to Commutative Algebra,***  
Westview Press 1994. ISBN 978-0201407518. [Paperback >>](#). [Kindle >>](#).
827. Bernardo J.M., Smith A.F.M.,  
***Bayesian Theory,***  
Wiley 1994. ISBN 0-471-92416-4. [more >>](#).
828. Cramer Harald, Martin-Löf Anders (Editor),  
***Collected Works,*** Volume 1,  
Springer 1994. ISBN 978-3540566717. [more >>](#).
829. Conway John B.,  
***A Course in Functional Analysis,***  
Springer 1994. ISBN 978-3540960423. [Hardcover >>](#).
830. Graham Ronald L., Knuth Donald E., Patashnik Oren,  
***Concrete Mathematics: A Foundation for Computer Science,***  
2nd Edition, Addison Wesley 1994. ISBN 978-0201558029. [Hardcover >>](#).
831. Isaacson E., Keller H.B.,  
***Analysis of Numerical Methods,***  
Reprint Edition, Dover Publications 1994. ISBN 0-486-68029-0. [more >>](#).
832. McMullen C.T.,  
***Complex Dynamics and Renormalization,***  
Princeton University Press 1994. ISBN 0-387-97942-5. [more >>](#).
833. Riesel H.,  
***Prime Numbers and Computer Methods for Factorization,***  
Springer Verlag 1994. ISBN 0-691-02981-4. [more >>](#).
834. Stengel R.F.,  
***Optimal Control and Estimation,***  
Dover Publications 1994. ISBN 0-486-68200-5. [more >>](#).
835. Trudeau Richard J.,  
***Introduction to Graph Theory,***  
2nd Edition, Dover Publications 1994. ISBN 978-0486678702. [Paperback >>](#). [Kindle >>](#).
836. Velleman D.J.,  
***How to Prove It: A Structured Approach,***  
Cambridge University Press 1994. ISBN 0-521-44663-5. [more >>](#).
837. Wickerhauser M.V.,  
***Adapted Wavelet Analysis from Theory to Software,***  
AK Peters 1994. ISBN 1-568-81041-5. [more >>](#).

---

### Year 1993

---

838. Abramowitz M., Stegun I.A., Editors,  
***Handbook of Mathematical Functions with Formulas, Graphs, and Mathematical Tables,***  
2nd Edition, Dover Publications 1972. ISBN 0-486-61272-4. 1st Edition: 1964.  
Reprint Edition, John Wiley 1993. Available [on-line](#).
839. Akhiezer N.I., Glazman I.M.,  
***Theory of Linear Operators in Hilbert Space,***  
Dover Publications 1993. ISBN 0-486-67748-6. [more >>](#).
840. Baumslag G.,  
***Topics in Combinatorial Group Theory,***  
Birkhäuser Basel 1993. ISBN 978-3764329211. [more >>](#).
841. Bendat Julius S., Piersol Allan G.,  
***Engineering Applications of Correlation and Spectral Analysis,***  
2nd Edition, Wiley-Interscience 1993. ISBN 978-0471570554. [more >>](#).
842. Berger J.O.,  
***Statistical Decision Theory and Bayesian Analysis,***  
2nd Edition, Springer Verlag 1993. ISBN 0-387-96098-8. [more >>](#).
843. Berndt Bruce C.,  
***Ramanujan's Notebooks: Part IV,***

Springer Verlag 1993. ISBN 978-0387941097. [more >>](#).

844. Downs J.W.,  
**Practical Conic Sections: The Geometric Properties of Ellipses, Parabolas and Hyperbolas**,  
Dover Publications 1993. Reprinted in 2003: ISBN 978-0486428765. [Paperback >>](#).
845. Farlow S.J.,  
**Partial Differential Equations for Scientists and Engineers**,  
Reprint Edition, Dover Publications 1993. ISBN 978-0486676203. [Paperback >>](#). [Kindle >>](#).
846. Goldschmidt D.M.,  
**Group Characters, Symmetric Functions, and the Hecke Algebra**,  
American Mathematical Society (AMS) 1993. ISBN 0-821-87003-3. Available [online](#). [more >>](#).
847. Greenberg Marvin J.,  
**Euclidean and Non-Euclidean Geometries: Development and History**,  
**3rd Edition**, W.H.Freeman & Co. 1993. ISBN 978-0716799481. [Hardcover >>](#). [4th Edition >>](#).
848. Hardy G.H.,  
**A Course of Pure Mathematics**,  
**10th Edition**, Cambridge University Press 1993. ISBN 978-0521720557. 1st Ed. 1908. [more >>](#).
849. Herman R., Betul Tanbay B., Editors,  
**Operator Algebras, Mathematical Physics, and Low Dimensional Topology**,  
AK Peters 1993. ISBN 1-568-81027-X. [more >>](#).
850. Nagel E., Newman J.R.,  
**La prova di Gödel**,  
Traduzione **italiana** di Gödel's Proof,  
Bollati Boringhieri 1993. ISBN 8-833-90309-5. Previous Eds: 1992, 1974.
851. Stein Elias M.,  
**Harmonic Analysis: Real-Variable Methods, Orthogonality, and Oscillatory Integrals**,  
Princeton University Press 1993. ISBN 978-0691032160. [Hardcover](#).
852. Russel B.,  
**Introduction to Mathematical Philosophy**,  
Dover Publications 1993. ISBN 0-486-27724-0. [more >>](#).
853. Yoshino T.,  
**Introduction to Operator Theory**,  
Chapman & Hall/CRC 1993. ISBN 0582237432. [more >>](#).

---

## Year 1992

---

854. Daubechies I.,  
**Ten Lectures on Wavelets**,  
in *CBMS - NSF Regional Conference Series in Applied Mathematics*,  
SIAM, Society for Industrial & Applied Mathematics 1992. ISBN 0-898-71274-2. [more >>](#).
855. Gödel K.,  
**On Formally Undecidable Propositions of Principia Mathematica and Related Systems**,  
Reprint Edition, Dover Publications 1992. ISBN 0-486-66980-7. [more >>](#).
856. Jerri A.,  
**Integral and Discrete Transforms with Applications and Error Analysis**,  
CRC 1992. ISBN 0-824-78252-6. [more >>](#).
857. Mitrinovic D.S., Pecaric J.E., Fink A.M.,  
**Classical and New Inequalities in Analysis**,  
Springer Verlag 1992. ISBN 0-792-32064-6. [more >>](#).
858. Noggle J.H.,  
**Practical Curve Fitting and Data Analysis:  
Software and Self-Instruction for Scientists and Engineers**,  
Prentice Hall 1992. ISBN 0-136-77394-X. With CD. [more >>](#).
859. Press W.H., Teukolsky S.A., Vetterling W.T., Flannery B.P.,  
**Numerical Recipes in C. The Art of Scientific Computing**,  
Cambridge University Press 1992. ISBN 0-521-43108-5. [more >>](#).
860. Ross S.M.,  
**Applied Probability Models with Optimization Applications**,  
Dover Publications 1992. ISBN 0-486-67314-6. [more >>](#).
861. Sagan Hans,  
**Introduction to the Calculus of Variations**,  
Dover Publications 1992. ISBN 978-0486673660. [more >>](#).
862. Smith C.R., Erickson G., Neudorfer P.O., Editors,  
**Maximum Entropy and Bayesian Methods**,  
in *Fundamental Theories of Physics*,  
Springer Verlag 1992. ISBN 0-792-32031-X. [more >>](#).
863. White N.,  
**Matroid Applications**,  
Cambridge University Press 1992. ISBN 0-521-38165-7. [more >>](#).
864. Young R.,  
**Excursions in Calculus: An Interplay of the Continuous and the Discrete**,  
The Mathematical Association of America (MAA) 1992. ISBN 0-883-85317-5. [more >>](#).
865. Zwillinger D.,  
**Handbook of Integration**,  
AK Peters 1992. ISBN 0-867-20293-9. [more >>](#).

---

## Year 1991

---

- 
866. Artin M.,  
**Algebra**,  
Prentice Hall 1991. ISBN 0-130-04763-5. [more >>](#).
867. Boyer C.B., Merzbach U.C., Asimov I.,  
**A History of Mathematics**,  
2nd Edition, Wiley 1991. ISBN 0-471-54397-7. [more >>](#).
868. Berndt Bruce C.,  
**Ramanujan's Notebooks: Part III**,  
Springer Verlag 1991. ISBN 978-0387975030. [more >>](#).
869. Dunham William,  
**Journey through Genius: The Great Theorems of Mathematics**,  
Penguin (Non-Classics) 1991. ISBN 978-0140147391. [Paperback >>](#).
870. Gleason Andrew,  
**Fundamentals of Abstract Analysis**,  
Jones & Bartlett Publishers 1991. ISBN 978-0867202090. [more >>](#).
871. Henrici Peter,  
**Applied and Computational Complex Analysis**, Volume 2:  
Special Functions - Integral Transforms - Asymptotics - Continued Fractions  
Wiley-Interscience 1991. ISBN 978-0471542896. [Paperback >>](#). [Vol.1 1974 >>](#).
872. Kreyszig Erwin,  
**Differential Geometry**,  
Dover Publications 1991. ISBN 978-0486667218. [Paperback >>](#). [Kindle >>](#).
873. Kurtz M.,  
**Handbook of Applied Mathematics for Engineers and Scientists**,  
McGraw-Hill 1991. ISBN 0-070-35685-8. [more >>](#).
874. Lipschutz Seymour,  
**2000 Solved Problems in Discrete Mathematics**,  
McGraw-Hill 1991. ISBN 978-0070380318. [more >>](#).
875. Mitrinovic Dragoslav S., Pecaric J.E., Fink A.M.,  
**Inequalities Involving Functions and their Integrals and Derivatives**,  
Springer Verlag 1991. ISBN 978-0792313304. [Hardcover >>](#).
876. Pappas T.,  
**More Joy of Mathematics: Exploring Mathematics All Around You**,  
Wide World Publishing 1991. ISBN 0-933-17473-X. [more >>](#).

---

## Year 1990

---

877. Adamek J., Herrlich H., Strecker G.,  
**Abstract and concrete categories: The joy of cats**,  
John Wiley and Sons, New York 1990. ISBN 0-824-78341-7. [Available Online](#).
878. Aris Rutherford,  
**Vectors, Tensors and the Basic Equations of Fluid Mechanics**,  
Dover Publications 1990. ISBN 978-0486661100. [Paperback >>](#). [Kindle >>](#).
879. Ash R.B.,  
**Information Theory**,  
Dover Publications 1990. ISBN 978-0486665214. [more >>](#).
880. Baker Alan,  
**Transcendental Number Theory**,  
Cambridge University Press 2014. ISBN 978-0521397919. [Paperback >>](#).
881. Chudnovsky D.V., Jenks R.D., Editors,  
**Computers in Mathematics**,  
in *Lecture Notes in Pure and Applied Mathematics*, Vol.125,  
CRC 1990. ISBN 0-824-78341-7. [more >>](#).
882. Dauben J.W.,  
**Georg Cantor**,  
Princeton University Press 1990. ISBN 0-691-02447-2. [more >>](#).
883. Everitt W.N.,  
**Inequalities: fifty years on from Hardy, Littlewood and Pólya**,  
in *Lecture Notes in Pure and Applied Mathematics*  
CRC 1990. ISBN 0-824-78488-X. [more >>](#).
884. Eves H., **An Introduction to the History of Mathematics**,  
**6th Edition**, Brooks Cole 1990. ISBN 978-0030295584. [more >>](#).
885. Grandy W.T.Jr., L.H. Schick L.H., Editors,  
**Maximum Entropy and Bayesian Methods**,  
in *Fundamental Theories of Physics*,  
Springer Verlag 1990. ISBN 0-792-31140-X. [more >>](#).
886. Gray R.M., **Entropy and Information Theory**,  
Springer 1990. ISBN 0-387-97371-0. [Available online](#). [more >>](#).
887. Horn R.A., Johnson C.R., **Matrix Analysis**,  
Cambridge University Press 1990. ISBN 0-521-38632-2. [more >>](#).
888. Lawson H.B., Michelsohn M-L.,  
**Spin Geometry**,  
Princeton University Press 1990. ISBN 0-691-08542-0. [more >>](#).
889. Mendelson Bert,  
**Introduction to Topology**,

**3rd Edition**, Dover Publications 1990. ISBN 978-0486663524. [Paperback >>](#). [Kindle >>](#).

890. Murphy Gerard J.,  
***C\*-Algebras and Operator Theory***,  
Academic Press 1990. ISBN 978-0125113601. [more >>](#).
891. Ogilvy C. Stanley,  
***Excursions in Geometry***,  
Reprint Edition, Dover Publications 1990. ISBN 978-0486265308. [Paperback >>](#).
892. Riesz Frigyes, Sz.-Nagy Béla,  
***Functional Analysis***,  
Dover Publications 1990. ISBN 978-0486662893. [Paperback >>](#). [Kindle >>](#).

---

### Year 1989

---

893. Bressoud D.M., ***Factorization and Primality Testing***,  
Springer Verlag 1989. ISBN 0-387-97040-1. [more >>](#).
894. Brychkov Yu.A., Prudnikov A.P.,  
***Integral Transforms of Generalized Functions***,  
CRC 1989. ISBN 2-881-24705-9. [more >>](#).
895. Bunch B.,  
***Reality's Mirror: Exploring the Mathematics of Symmetry***,  
John Wiley 1989. ISBN 0-471-50127-1. [more >>](#).
896. Coddington Earl A.,  
***An Introduction to Ordinary Differential Equations***,  
Dover Publications 1989. ISBN 978-0486659428. [Paperback >>](#). [Kindle >>](#).
897. Cohen D.W.,  
***An Introduction to Hilbert Space and Quantum Logic***,  
Springer Verlag 1989. ISBN 0-387-96870-9. [more >>](#).
898. Courant Richard, Hilbert David,  
***Methods of Mathematical Physics***, Vol.1,  
Wiley-Interscience 1989. ISBN 0-471-50447-5. [more >>](#).
899. Courant Richard, Hilbert David,  
***Methods of Mathematical Physics***, Vol.2,  
Wiley-Interscience 1989. ISBN 0-471-50439-4. [more >>](#).
900. Coxeter H.S.M.,  
***Introduction to Geometry***,  
2nd Edition, Wiley 1989. ISBN 0-471-50458-0. [more >>](#).
901. Deligne P., Milne J.S., Ogus A., Kuang-yen Shih,  
***Hodge Cycles, Motives, and Shimura Varieties***,  
Springer 1989. ISBN 3-540-11174-3. Available [online](#). [more >>](#).
902. Euler Leonard, translated by J.D. Blanton,  
***Introduction to the Analysis of the Infinite: Book II***,  
Springer 1989, ISBN 978-0815127611. [Hardcover >>](#). [Book I >>](#).  
Original Edition: 18th century.
903. Kreyszig Erwin,  
***Introductory Functional Analysis with Applications***,  
Wiley 1989. ISBN 978-0471504597. [Paperback >>](#).
904. Lipschutz S.,  
***3000 Solved Problems in Linear Algebra***,  
McGraw-Hill 1989. ISBN 978-0070380233. [more >>](#).
905. Lovelock D., Rund H.,  
***Tensors, Differential Forms, and Variational Principles***,  
New Edition, Dover Publications 1989. ISBN 0-486-65840-6. [more >>](#).
906. Sagan H.,  
***Boundary and Eigenvalue Problems in Mathematical Physics***,  
New Edition, Dover Publications 1989. ISBN 0-486-66132-6. [more >>](#).
907. Silverman Richard A.,  
***Essential Calculus with Applications***,  
Dover Publications 1989, ISBN 978-0486660974. [Paperback >>](#). [Kindle >>](#).
908. Sobolev S.L.,  
***Partial Differential Equations of Mathematical Physics***,  
Dover Publications 1989. ISBN 0-486-65964-X. [more >>](#).

---

### Year 1988

---

909. Berndt Bruce C.,  
***Ramanujan's Notebooks: Part II***,  
Springer Verlag 1988. ISBN 978-0387967943. [more >>](#).
910. Burago Yuri D., Zalgaller Viktor A., Sossinsky A.B.,  
***Geometric Inequalities***,  
Springer Verlag 1988. ISBN 978-3540136156. [more >>](#).
911. Cerasoli M., Eugeni F., Protasi M.,  
***Matematica discreta***,  
Nicola Zanichelli Editore, Bologna 1988 (5th printing 1992).  
ISBN 8-808-03858-0. **Italiano**. [more >>](#).
912. Euler Leonard, translated by J.D. Blanton,  
***Introduction to the Analysis of the Infinite: Book I***,

- Springer 1988, ISBN 978-0387968247. [Hardcover >>](#). [Book II >>](#).  
Original Edition: 18th century.
913. Hardy G.H., Littlewood J.E., Pólya G.,  
***Inequalities***,  
Cambridge University Press 1988. ISBN 0-521-35880-9. [more >>](#).
914. Kay D.,  
***Schaum's Outline of Tensor Calculus***,  
McGraw-Hill 1988. ISBN 978-0070334847. [more >>](#).
915. Mosteler Frederick,  
***Fifty Challenging Problems in Probability with Solutions***,  
Dover Publications 1988. ISBN 978-0486653556. [more >>](#).
916. Ogilvy C. Stanley, Anderson John T.,  
***Excursions in Number Theory***,  
Dover Publications 1988. ISBN 978-0486257785. [Paperback >>](#).
917. Pedoe Dan,  
***Geometry: A Comprehensive Course***,  
Dover Publications 1988. ISBN 978-0486658124. [Paperback >>](#). [Kindle >>](#).
918. Young N.,  
***An Introduction to Hilbert Space***,  
Cambridge University Press 1988. ISBN 0-521-33717-8. [more >>](#).
919. Brigham E.O.,  
***Fast Fourier Transform and its Applications***,  
Prentice Hall 1988. ISBN 0-133-07505-2. [more >>](#).

---

### Year 1987

---

920. Barlow R., Proschan F.,  
***Mathematical Theory of Reliability***,  
SIAM, Society for Industrial & Applied Mathematics 1987. ISBN 0-898-71369-2. [more >>](#).
921. Borwein Jonathan M., Borwein Peter B.,  
***Pi and the AGM***,  
Wiley-Interscience 1987. ISBN 978-0471831389. [Hardcover >>](#). [1998 Paperback >>](#).
922. Bousfield A.K., Kan D.M.,  
***Homotopy Limits, Completions and Localizations***,  
Springer 1987. ISBN 3-540-06105-3. [more >>](#).
923. Bullen P.S.,  
***Handbook of Means and Their Inequalities***,  
2nd Edition, Springer Verlag 1987. ISBN 1-402-01522-4. [more >>](#).
924. Dennis J.E., Schnabel R.B.,  
***Numerical Methods for Unconstrained Optimization and Nonlinear Equations***,  
Society for Industrial & Applied Mathematics 1987. ISBN 0-898-71364-1. [more >>](#).
925. Fox Charles,  
***An Introduction to the Calculus of Variations***,  
Dover Publications 1987. ISBN 978-0486654997. [more >>](#).
926. Goldberg Samuel,  
***Probability: An Introduction***,  
Reprint Edition; Dover Publications 2007. ISBN 978-0486652528. [more >>](#).
927. Hansen Per C.,  
***Rank-Deficient and Discrete Ill-Posed Problems: Numerical Aspects of Linear Inversion***,  
SIAM 1987. ISBN 978-0898714036. [Paperback >>](#).
928. Hildebrand F.B.,  
***Introduction to Numerical Analysis***,  
2nd Edition, Dover Publications 1987. ISBN 978-0486653631. [more >>](#).
929. Nelson E.,  
***Predicative Arithmetic***,  
Princeton University Press 1987. ISBN 0-691-08455-6. [more >>](#).
930. Scott W.R.,  
***Group Theory***,  
Dover Publications 1987. ISBN 0-486-65377-3. [more >>](#).
931. Titchmarsh E.C., Heath-Brown D.R.,  
***The Theory of the Riemann Zeta-Function***,  
2nd Edition, Oxford University Press 1987. ISBN 978-0198533696. [Paperback >>](#).
932. Zachmanoglou E.C., Thoe Dale W.,  
***Introduction to Partial Differential Equations with Applications***,  
Dover Publications 1987. ISBN 978-0486652511. [Paperback >>](#). [Kindle >>](#).

---

### Year 1986

---

933. Bruner R.R., May J.P., McClure J.E., Steinberger M.,  
***H Ring Spectra and Their Applications***,  
Springer 1986. ISBN 3-540-16434-0. [Available online. more >>](#).
934. Justice J.H., Editor,  
***Maximum Entropy and Bayesian Methods in Applied Statistics***,  
Cambridge University Press 1986. ISBN 0-521-32380-0. [more >>](#).
935. Lancaster P.,  
***Curve and Surface Fitting: An Introduction***,



Academic Press 1986. ISBN 0-124-36060-2. [more >>](#).

936. Lanczos Cornelius,  
***The Variational Principles of Mechanics,***  
**4th Edition**, Dover Publications 1986. ISBN 978-0486650678. [Paperback >>](#). [Kindle >>](#).
937. Lewis L.G.Jr, May J.P., Steinberger M.,  
***Equivariant Stable Homotopy Theory,***  
Springer 1986. ISBN 3-540-16820-6. [Available Online. more >>](#).
938. Rosenlicht Maxwell,  
***Introduction to Analysis,***  
Dover Publications 1986. ISBN 978-0486650388. [Paperback >>](#). [Kindle >>](#).
939. Rudin Walter,  
***Real and Complex Analysis,***  
**3rd Edition**, McGraw-Hill 1986. ISBN 978-0070542341. [more >>](#).

---

### Year 1985

---

940. Baker A.,  
***A Concise Introduction to the Theory of Numbers,***  
Cambridge University Press 1985. ISBN 0-521-28654-9. [more >>](#).
941. Berndt Bruce C.,  
***Ramanujan's Notebooks: Part I,***  
Springer Verlag 1985. ISBN 978-0387961101. [more >>](#).
942. Froberg C.E.,  
***Numerical Mathematics: Theory and Computer Applications,***  
Addison-Wesley 1985. ISBN 0-805-32530-1. [more >>](#).
943. Gardner M.,  
***Magic Numbers of Dr Matrix,***  
Prometheus Books 1985. ISBN 0-879-75282-3. [more >>](#).
944. Tenenbaum Morris, Pollard Harry,  
***Ordinary Differential Equations,***  
Dover Publications 1985. ISBN 978-0486649405. [Paperback >>](#).
945. Tricomi F.G.,  
***Integral Equations,***  
Dover Publications 1985. ISBN 0-486-64828-1. [more >>](#).

---

### Year 1984

---

946. Benacerraf Paul, Putnam Hilary, Editors,  
***Philosophy of Mathematics: Selected Readings,***  
2nd Edition, Cambridge University Press 1984. ISBN 978-0521296489. [more >>](#).
947. Bondy J.A., Murty U.S.R.,  
***Graph Theory With Applications,***  
North-Holland 1984. [Out of print but available online.](#)
948. Chartrand G.,  
***Introductory Graph Theory,***  
Dover Publications 1984. ISBN 0-486-24775-9. [more >>](#).
949. Gensler H.J.,  
***Godel's Theorem Simplified,***  
University Press of America 1984. ISBN 978-0819138699. [more >>](#).
950. Mandel John,  
***The Statistical Analysis of Experimental Data,***  
Dover Publications 1984. ISBN 978-0486646664. [Paperback >>](#). [2012 Kindle >>](#).
951. Pollard D.,  
***Convergence of Stochastic Processes,***  
Springer 1984. ISBN 0-387-90990-7. [Out of print but available online. more >>](#).

---

### Year 1983

---

952. Eves H., ***Great Moments in Mathematics Before 1650,***  
Mathematical Association of America 1983. ISBN 978-0883853108. [more >>](#).
953. Eves H., ***Great Moments in Mathematics After 1650,***  
Mathematical Association of America 1983. ISBN 978-0883853115. [more >>](#).
954. Warner F.W.,  
***Foundations of Differentiable Manifolds and Lie Groups,***  
Springer 1983. ISBN 0-387-90894-3. [Available online. More >>](#).
955. Weyl H.,  
***Symmetry,***  
Princeton University Press 1983. ISBN 978-0691023748. [more >>](#).

---

### Year 1982

---

956. Gill P.E.,  
***Practical Optimization,***  
Elsevier 1982. ISBN 0-122-83952-8. [more >>](#).
957. Gillies D.A, Gillies D., Editors,  
***Frege, Dedekind, and Peano on the Foundations of Arithmetic,***

Longwood 1982. ISBN 9-023-21888-4. [more >>](#).

958. Halmos P.R.,  
***A Hilbert Space Problem Book***,  
2nd Edition, Springer Verlag 1982. ISBN 0-387-90685-1. [more >>](#).
959. Kelly G.M.,  
***Basic Concepts of Enriched Category Theory***,  
Cambridge University Press 1982. Available [online](#)
960. Pinter Charles C.,  
***A Book of Abstract Algebra***,  
2nd Edition, McGraw-Hill 1982. ISBN 978-0072943504. [Paperback >>](#). 2015 Kindle. See also 2010 [Paperback >>](#).
- 

### Year 1981

---

961. Cartan Élie,  
***The Theory of Spinors***,  
Dover Publications 1981. ISBN 978-0486640709. [Paperback >>](#). 2012 Kindle [>>](#).
962. Kline Morris,  
***Mathematics and the Physical World***,  
Dover Publications 1981. ISBN 978-0486241043. [Paperback >>](#). Kindle [>>](#).
963. Tarski A.,  
***Logic, Semantics, Metamathematics*** ,  
Dover Publications 1981. ISBN 0-915-14476-X. [more >>](#).
- 

### Year 1980

---

964. Milne J.S.,  
***Etale Cohomology***,  
Princeton University Press 1980. ISBN 0-691-08238-3. [more >>](#).
965. Solodovnikov A.S.,  
***Systems of Linear Inequalities***,  
University Of Chicago Press 1980. ISBN 978-0226767864. [more >>](#).
966. Schwerdtfeger H.,  
***Geometry of Complex Numbers***,  
Dover Publications 1980. ISBN 0-486-63830-8. [more >>](#).
- 

### Year 1979

---

967. Copi I.M.,  
***Symbolic Logic***,  
**5th Edition**, Prentice Hall 1979. ISBN 0-023-24980-3. [more >>](#).
968. Garey M.R., Johnson D.S.,  
***Computers and Intractability: A Guide to the Theory of NP-Completeness***,  
W.H.Freeman 1979. ISBN 0-716-71045-5. [more >>](#).
969. Page E.S., Wilson L.B.,  
***An Introduction to Computational Combinatorics***,  
Cambridge University Press 1979. ISBN 978-0521294928. [Hardcover >>](#).
- 

### Year 1978

---

970. Loeve Michel,  
***Probability Theory II***,  
**4th Edition**, Springer 1978. ISBN 0387902627. [Hardcover >>](#).
- 

### Year 1977

---

971. Alder Henry L., Roessler E.B.,  
***Introduction to Probability and Statistics***,  
**6th Edition**, W.H.Freeman & Co. 1977. ISBN 978-0716704676. [Hardcover >>](#).
972. Chang C.C., Keisler J.,  
***Model Theory***,  
North-Holland, New York 1977.
973. Henrici Peter,  
***Error Propagation for Difference Method***,  
Krieger Pub Co 1977. ISBN 978-0882754482. [Hardcover >>](#).
974. Loeve Michel,  
***Probability Theory I***,  
**4th Edition**, Springer 1977. ISBN 0-387-90210-4. [Hardcover >>](#).
975. May J.P., Quinn F., Ray N., Tornehave I.,  
***E Infinity Ring Spectra and E Infinity Ring Spaces***,  
Springer 1977 1977. ISBN 3-540-08136-4. Available [Online](#). [more >>](#).
976. Rozanov Y.A.,  
***Probability Theory: A Concise Course***,  
Dover Publications 1977. ISBN 978-0486635446. [Paperback >>](#). Kindle [>>](#).
977. Shilov Georgi E.,  
***Linear Algebra***,  
Dover Publications 1977. ISBN 978-0486635187. [Paperback >>](#). Kindle [>>](#).

978. Wheeden Richard, Zygmund Antoni,  
***Measure and Integral: An Introduction to Real Analysis,***  
CRC 1977. ISBN 978-0824764999. [more >>](#).

---

### Year 1976

---

979. Apostol Tom M.,  
***Modular Functions and Dirichlet Series in Number Theory,***  
Springer-Verlag 1976. ISBN 978-0387901855. Hardcover [>>](#).
980. Beckmann Petr,  
***A History of Pi,***  
3rd Edition, St.Martin's Griffin 1976. ISBN 978-0312381851. [more >>](#).
981. Bowen R.M., Wang C-C.,  
***Introduction to Vectors and Tensors. Vol.1. Linear and Multilinear Algebra,***  
Plenum Press 1976. ISBN 0-486-46914-X. Available [nline](#).
982. Bowen R.M., Wang C-C.,  
***Introduction to Vectors and Tensors. Vol.2. Vector and Tensor Analysis,***  
Plenum Press 1976. ISBN 0-486-46914-X. Available [online](#).
983. Cohen F.R., Lada T.J., May J.P.,  
***The Homology of Iterated Loop Spaces,***  
Springer 1976. ISBN 3-540-0798-4. Available [Online](#). [more >>](#).
984. Rudin Walter,  
***Principles of Mathematical Analysis,***  
**3rd Edition,** McGraw-Hill 1976. ISBN 978-0070856134. Paperback [>>](#).
985. Tolstov Georgi P.,  
***Fourier Series,***  
Dover Publications 1976. ISBN 978-0486633176. Paperback [>>](#). Kindle [>>](#).

---

### Year 1975

---

986. Beckenbach E.F., Bellman Richard,  
***Introduction to Inequalities,***  
Mathematical Association of America (MAA) 1975. ISBN 0-883-85603-4. [more >>](#).
987. Faure R., Kaufmann A., Denis-Papin M.,  
***Manuale di Matematica,***  
ISED, Milano 1975. **Italiano.**
988. Kazarinoff N.D.,  
***Geometric Inequalities,***  
Mathematical Association of America (MAA) 1975. ISBN 0-883-85604-2. [more >>](#).
989. Kolmogorov A.N., Fomin S.V.,  
***Introductory Real Analysis,***  
Dover Publications 1975. ISBN 978-0486612263. Paperback. Kindle.

---

### Year 1974

---

990. Apostol Tom M.,  
***Mathematical Analysis,***  
2nd Edition, Pearson 1974. ISBN 978-02001002881. Hardcover [>>](#).
991. Brigham E.O.,  
***The Fast Fourier Transform,***  
Prentice Hall, Englewood Cliffs 1974. ISBN 0-133-07496-X. [more >>](#).
992. Deo Narsingh,  
***Graph Theory with Applications to Engineering and Computer Science,***  
Prentice Hall 1974. ISBN 978-0133634730. [more >>](#).
993. Gelb A.,  
***Applied Optimal Estimation,***  
MIT Press 1974. ISBN 0-262-57048-3. [more >>](#).
994. Henrici Peter,  
***Applied and Computational Complex Analysis,*** Volume 1:  
Power Series - Integration - Conformal Mapping - Location of Zeros  
John Wiley & Sons 1974. ISBN 978-0471372448. Paperback [>>](#). Vol.2 1991 [>>](#).
995. Spiegel M.R.,  
***Schaum's Outline of Fourier Analysis with Applications to Boundary Value Problems,***  
McGraw-Hill 1965. ISBN 978-0070602199. [more >>](#).
996. Weinstock Robert,  
***Calculus of Variations,***  
Dover Publications 1974. ISBN 978-0486630694. [more >>](#).

---

### Year 1973

---

997. Polya Gyorgy,  
***How to Solve It: A New Aspect of Mathematical Method,***  
2nd Edition, Princeton University Press 1973. ISBN 978-0691080970. 1st Edition 1945. Hardcover [>>](#).  
Kindle [>>](#).  
A milestone in the heuristics of Math.
998. Sagle A.A., Walde R.E.,  
***Introduction to Lie Groups and Lie Algebras,***

Academic Press, New York 1973.

---

### Year 1972

---

999. Amerio L.,  
**Funzioni analitiche e trasformazione di Laplace**,  
Tamburini Editore, Milano 1972. **Italiano**.
1000. Lawrence J. Dennis,  
**A Catalog of Special Plane Curves**,  
Dover Publications 1972. Re-published in 2014 as ISBN 978-0486602882. [Paperback >>](#). [Kindle >>](#).
1001. Lebedev N.N., Silverman R.R.,  
**Special Functions & Their Applications**,  
Dover Publications 1972. ISBN 0-486-60624-4. [more >>](#).
1002. Suppes P.,  
**Axiomatic Set Theory**,  
Dover Publications, New York 1972.
1003. Zehna P., Johnson R.,  
**Elements of Set Theory**,  
Allyn and Bacon, Boston 1972.

---

### Year 1971

---

1004. Feller William,  
**An Introduction to Probability Theory and Its Applications**, Vol.2,  
2nd Edition, John Wiley & Sons 1971. ISBN 978-0471257097. [Hardcover >>](#). [2008 Re-Edition >>](#). [Volume 1 >>](#).
1005. Higgins P.J.,  
**Categories and Grupoids**,  
Van Nostrand Reinhold 1971. Available [online](#).
1006. Spiegel M.R.,  
**Schaum's Outline of Advanced Mathematics for Engineers and Scientists**,  
McGraw-Hill 1971. ISBN 978-0070602168. [more >>](#).
1007. Spiegel M.R.,  
**Schaum's Outline of Calculus of Finite Differences and Difference Equations**,  
McGraw-Hill 1971. ISBN 0-070-60218-2. [more >>](#).
1008. Stein Elias M.,  
**Singular Integrals and Differentiability Properties of Functions**,  
Princeton University Press 1993. ISBN 978-0691080796. [Hardcover](#).

---

### Year 1970

---

1009. Faure R., Kaufmann A., Denis-Papin M.,  
**Mathématiques Nouvelles**,  
Dunod, Paris 1970 (**French**).  
Translation: **Manuale di Matematica**, ISEDI 1976 (**Italian**) [Hardcover](#).
1010. Hermann R., **Lie Algebras and Quantum Mechanics**, W.A.Benjamin, New York 1970. ISBN 978-0805339420. [Hardcover](#).
1011. Kolmogorov A.N., Fomin S.V.,  
**Introductory Real Analysis**,  
Prentice Hall 1970. See Dover [1975 edition](#).

---

### Year 1969

---

1012. Bevington P.R.,  
**Data Reduction and Error Analysis for the Physical Sciences**,  
McGraw-Hill, New York 1969.

---

### Year 1968

---

1013. Baumslag B., Chandler B.,  
**Schaum's Outline of Group Theory**,  
McGraw-Hill 1968. ISBN 0-070-04124-5.
1014. Denis-Papin M.,  
**Mathématiques Générales**,  
Dunod, Paris 1968 (**french**).
1015. Shilov Georgi E.,  
**Generalized Functions and Partial Differential Equations**,  
Gordon & Breach Science Publications 2013. ISBN 978-0677206608. [Hardcover >>](#).
1016. Simms D.J., **Lie Groups and Quantum Mechanics**, Springer-Verlag, New York 1968.

---

### Year 1967

---

1017. Shoenfield J.,  
**Mathematical Logic**,  
Addison-Wesley 1966.

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### Year 1966

---

- 
1018. Fraenkel A.A.,  
**Abstract Set Theory,**  
**3rd Edition,** North-Holland, Amsterdam 1966.
1019. MacDuffee,  
**An Introduction to Abstract Algebra,**  
**5th Edition,** Dover Publications, New York 1966.  
1st Edition, J.Wiley & Sons, 1940.
- 

### Year 1965

---

1020. Spiegel M.R.,  
**Schaum's Outline of Laplace Transforms,**  
McGraw-Hill 1965. ISBN 0-070-60231-X. [more >>](#).
1021. Whittaker E.T., Watson G.N.,  
**A Course of Modern Analysis,**  
Cambridge University Press, 1965.
- 

### Year 1964

---

1022. Freyd P.,  
**Abelian categories,**  
Harper & Row, New York 1964. [Available online >>](#).
1023. Jury E.I.,  
**Theory and Application of the Z-Transform Method,**  
John Wiley, New York 1964.
1024. Saks Stanislaw,  
**Theory of the Integral,**  
2nd Edition, Dover Publications, New York 1964. 1st Edition 1937. [2011 Paperback >>](#). [2015 Paperback >>](#).
1025. Jury E.I.,  
**Theory and Application of the Z-Transform Method,**  
John Wiley, New York 1964.
1026. Wiener Norbert,  
**I am a mathematician,**  
MIT Press 1964. ISBN 978-0262730075. [Paperback >>](#).
- 

### Year 1963

---

1027. Dedekind R.,  
**Essays on the Theory of Numbers,**  
Dover Publications 1963. ISBN 0-486-21010-3. [more >>](#).
1028. Freeman Harold,  
**Introduction to Statistical Inference,**  
Addison-Wesley, Reading (Mass) 1963. ISBN 978-0201020908. [more >>](#).
1029. Shannon C.E., Weaver W.,  
**The Mathematical Theory of Communication,**  
University of Illinois Press 1963. ISBN 978-0252725487. [more >>](#).
1030. Schwartz Loenard S.,  
**Principles of coding, filtering, and information theory,**  
Spartan Books 1963. [more >>](#).
- 

### Year 1962

---

1031. Khinchin A.Ya., Gnedenko B.V.,  
**An Elementary Introduction to the Theory of Probability,**  
**5th Edition,** Dover Publications 1962. ISBN 0-486-60155-2. [more >>](#).
1032. Milne W.E.,  
**Numerical calculus:**  
**Approximations, interpolation, finite differences, numerical integration and curve fitting,**  
Princeton University Press 1962.
- 

### Year 1961

---

1033. Davis P.J.,  
**The Lore of Large Numbers,**  
in *New Mathematical Library,*  
The Mathematical Association of America 1961.
1034. Menzel Donald H.,  
**Mathematical Physics,** Volume 1,  
Dover Publications 1961. ISBN 978-0486600567. [Paperback >>](#). [2012 Kindle.](#)
1035. Stoll R.R.,  
**Sets, Logic, and Axiomatic Theories,**  
W.H.Freeman & Co., San Francisco 1961.
- 

### Year 1960

---

1036. Feller William,  
**An Introduction to Probability Theory and Its Applications,** Vol.1,

2nd Edition, John Wiley & Sons 1960. [Hardcover >>](#). 1968 3rd Edition >>. 2008 Re-Edition >>. Volume 2 >>.

1037. Kolmogorov A.N.,  
***Foundations of the Theory of Probability***,  
2nd Edition, Chelsea Publishing Co. 1960. ISBN 978-0828400237. 1st Edition 1950. [Hardcover >>](#). 2013  
[Re-edition >>](#).
- 

### Year 1959

---

1038. Hall M.,  
***The Theory of Groups***,  
Macmillan, New York 1959.
1039. Wigner E.P., ***Group Theory and its Applications to the Quantum Mechanics of Atomic Spectra***, Academic  
Press, New York 1959.
- 

### Year 1958

---

1040. Nagel E., Newman J.R.,  
***Gödel's Proof***,  
New York University Press 1958.
- 

### Year 1955

---

1041. Cantor G.,  
***Contributions to the Founding of the Theory of Transfinite Numbers***,  
Dover Publications 1955. ISBN 978-0486600459. [more >>](#).
- 

### Year 1950

---

1042. Whitehead A.N., Russell B.,  
***Principia Mathematica***,  
2nd Edition, Cambridge University Press 1950.
1043. Wiener Norbert,  
***Extrapolation, Interpolation, and Smoothing of Stationary time Series***,  
2nd printing, MIT Technology Press, Cambridge, Mass. 1950. [Hardcover >>](#). 2013 [Re-edition >>](#).
- 

### Before 1950

---

1044. Zassenhaus H.J.,  
***The Theory of Groups***,  
Chelsea Publishing 1949. See the [2011 Reedition >>](#).
1045. Konrad Knopp,  
***Theory and Application of Infinite Series***,  
Blackie and Son 1928. ISBN 978-1114120532. [Hardcover >>](#).  
Reedition, Dover Publications 1990. ISBN 978-0486661650. [Paperback >>](#). 2013 [Kindle >>](#).
1046. Legendre A.M.,  
***Eléments de géométrie***,  
Didot, Paris, 1794.
1047. Euler Leonard, translated by J.D. Blanton,  
***Introduction to the Analysis of the Infinite: Book I***,  
Springer 1988, ISBN 978-0387968247. [Hardcover >>](#).  
Original Edition: 18th century.
1048. Euler Leonard, translated by J.D. Blanton,  
***Introduction to the Analysis of the Infinite: Book II***,  
Springer 1989, ISBN 978-0815127611. [Hardcover >>](#).  
Original Edition: 18th century.
1049. Erdelyi Arthur,  
***Operational Calculus and Generalized Functions***,  
Holt, Rinehart and Winston 1962. [Hardcover >>](#).  
Reprint, Dover Publications 2013. ISBN 978-0486497129. [Paperback >>](#). [Kindle >>](#).
1050. Courant Richard,  
***Differential and Integral Calculus***, Volumes I and II,  
First published in German in 1930. The edition I read: Interscience Publishers 1970. 2010 [Vol.I Re-Edition](#),  
[2010 Vol.II Re-Edition](#).
1051. Euler Leonard, with notes by Johann Bernoulli, translated by John Hewlett,  
***Elements of Algebra***,  
Cambridge University Press 2009, ISBN 978-1108002967. [Paperback >>](#).  
Original Edition: London, 1770.
1052. Stirling Jacobo (James),  
***Methodus differentialis, sive tractatus de summation et interpolation serierum infinitarum***,  
Nabu Press 2011, ISBN 978-1173349790. [Paperback >>](#).  
Original Edition: London, 1730.
1053. Stirling James,  
***Isaaci Newtoni Enumeratio Linearum Tertii Ordinis: Sequitur illustratio ejusdem tractatus***,  
University of Michigan Library 2009, [Paperback >>](#).  
Original edition: 18th century.
1054. Euclid, edited by Densmore Dana, translated by Heath T.L.,  
***Euclid's Elements***,  
Green Lion Press 2002, ISBN 978-1888009194, [Paperback >>](#).

---

## Related works

---

1. Kossovsky Alex Ely,  
**Benford's Law: Theory, the General Law of Relative Quantities, and Forensic Fraud Detection Applications**,  
World Scientific Publishing Co 2014. ISBN 978-9814651202. [Paperback >>](#). [Kindle >>](#).
2. Fleisch Daniel, Kregenow Julia,  
**A Student's Guide to the Mathematics of Astronomy**,  
Cambridge University Press 2013. ISBN 978-1107610217. [Paperback >>](#). [Kindle >>](#).
3. Nigrini Mark,  
**Benford's Law: Applications for Forensic Accounting, Auditing, and Fraud Detection**,  
Wiley 2012. ISBN 978-1118152850. [Hardcover >>](#). [Kindle >>](#).
4. Wall J.V., Jenkins C.R.,  
**Practical Statistics for Astronomers, 2nd Edition**, Cambridge University Press 2012. ISBN 978-0521732499. [Paperback >>](#). [Kindle >>](#).
5. Jeffreys Harold,  
**Scientific Inference**,  
Cambridge University Press 2011. ISBN 978-0521180788. [Paperback >>](#).
6. Yi Sun, Nelson Patrick W., Ulsoy A. Galip,  
**Time-Delay Systems: Analysis and Control Using the Lambert W Function**,  
World Scientific Publishing Company 2010. ISBN 978-9814307390. [Hardcover >>](#).
7. Levi Mark,  
**The Mathematical Mechanic: Using Physical Reasoning to Solve Problems**,  
Princeton University Press 2009. ISBN 978-0691140209. [more >>](#).
8. Stone Michael, Goldbart Paul,  
**Mathematics for Physics: A Guided Tour for Graduate Students**,  
Cambridge University Press 2009. ISBN 978-0521854030. [more >>](#).
9. Loy Gareth,  
**Musimathics, Volume 2: The Mathematical Foundations of Music**,  
The MIT Press 2007. ISBN 978-0262122856. [more >>](#).
10. Temperley David,  
**Music and Probability**,  
The MIT Press 2007. ISBN 978-0262201667. [more >>](#).
11. Loy Gareth,  
**Musimathics, Volume 1: The Mathematical Foundations of Music**,  
The MIT Press 2006. ISBN 978-0262122825. [more >>](#).
12. Dennery Philippe, Krzywicki Andre,  
**Mathematics for Physicists**,  
Dover Publications 1996. ISBN 978-0486691930. [Paperback >>](#). [Kindle >>](#).
13. Byron Frederick W., Fuller Robert W.,  
**Mathematics of Classical and Quantum Physics**,  
Dover Publications 1992. ISBN 978-0486671642. [Paperback >>](#). [Kindle >>](#).