E. Joseph Billo

Paperback ISBN: 978-0-470-38123-6 September 2011 $71.75

DESCRIPTION

Reviews from previous editions:

"Excel for Chemists should be part of any academic library offering courses and programs in Chemistry."
— Choice

"I highly recommend the book; treat yourself to it; assign it to a class; give it as a gift."
— The Nucleus

The newly revised step-by-step guide to using the scientific calculating power of Excel to perform a variety of chemical calculations

Chemists across all subdisciplines use Excel to record data in tabular form, but few have learned to take full advantage of the program. Featuring clear step-by-step instructions, Excel for Chemists illustrates how to use the scientific calculating power of Excel to perform a variety of chemical calculations.


Additional features in this third edition include:
• How to perform a variety of chemical calculations by creating advanced spreadsheet formulas or by using Excel's built-in tools

• How to automate repetitive tasks by programming Excel's Visual Basic for Applications

• New chapters show how to import data from other language versions of Excel, and how to create automatic procedures

• The accompanying CD contains a number of Excel macros to facilitate chemical calculations, including molecular weight, nonlinear regression statistics, and data interpolation

• Several appendices provide extensive lists of useful shortcut keys and function descriptions

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#### ABOUT THE AUTHOR

**E. JOSEPH BILLO** retired in 2006 as associate professor of chemistry at Boston College and is the author of *Excel® for Chemists: A Comprehensive Guide, Second Edition*. He has presented the two-day short courses “Advanced Excel for Scientists and Engineers” and “Excel Visual Basic Macros for Scientists and Engineers” to over 2,000 scientists at corporate clients in the U.S., Canada, and Europe.

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#### NEW TO EDITION

• Coverage of the current versions of Excel (2007 and 2010), along with coverage of Excel 2003

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#### FEATURES

• Covers the current versions of Excel (Excel 2007 and 2010), as well as Excel 2003 and many other new applications

• Illustrates how to perform a variety of chemical calculations, from creating advanced spreadsheet formulas to using Excel's built-in tools to creating advanced macros via Excel's Visual Basic

• Includes a CD-ROM for both Macintosh and Windows with many useful spreadsheet templates, macros, and other tools.

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Demonstrates step-by-step how to program Excel to perform appropriate tasks, automate repetitive data processing tasks, and prepare integrated documents by transferring data and graphics.

• Provides many shortcuts and tips on speeding, simplifying, and improving the use of Excel.

• Contains many illustrations and examples of chemical applications, including "How-to" boxes outlining details for accomplishing complex tasks in Excel.

• Explanations are clear and easily accessible, requiring little or no background in computer science.

• Designed to help students in chemistry understand the full capacity of Excel

• Logically ordered from basic to advanced applications

For additional product details, please visit https://www.wiley.com/en-us