



Programming with Mathematica®: An Introduction

By Paul Wellin

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Starting from first principles, this book covers all of the foundational material needed to develop a clear understanding of the Mathematica language, with a practical emphasis on solving problems. Concrete examples throughout the text demonstrate how Mathematica language, can be used to solve problems in science, engineering, economics/finance, computational linguistics, geoscience, bioinformatics, and a range of other fields.

The book will appeal to students, researchers and programmers wishing to further their understanding of Mathematica language. Designed to suit users of any ability, it assumes no formal knowledge of programming so it is ideal for self-study. Over 290 exercises are provided to challenge the reader's understanding of the material covered and these provide ample opportunity to practice using the language. Mathematica language notebooks containing examples, programs and solutions to exercises are available from www.cambridge.org/wellin.

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Editorial Review

About the Author

Paul Wellin worked for Wolfram Research from the mid 1990s through 2011 directing the Mathematica training efforts with the Wolfram Education Group. He has taught mathematics at both public schools and at the university level for over 12 years. He has given talks, workshops and seminars around the world on the integration of technical computing and education and he has served on numerous government advisory panels on these issues. He is the author of several books on Mathematica.

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