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# Applications of Spreadsheets in Education The Amazing Power of a Simple Tool

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## About the ebook

This e-book is devoted to the use of spreadsheets in the service of education in a broad spectrum of disciplines: science, mathematics, engineering, business, and general education. The material included in this e-book should inspire readers to devise their own applications and enhance their teaching and/or learning experience.

### Contents

- ▶ Contributors
- ▶ Fault Analysis in Power Systems
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- ▶ Optimal Control of Dynamical Systems
- ▶ Spreadsheet Conditional Formatting Illuminates Investigations into Modular Arithmetic
- ▶ Enzyme Kinetics for Novice Learners: Numerical Simulation in Excel

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