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

About the eBook
This eBook 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
- Fault Analysis in Power Systems
- Use of Spreadsheets for Analyses in Structural Engineering
- Optimal Control of Dynamical Systems
- Spreadsheet Conditional Formatting Illuminates Investigations into Modular Arithmetic
- Enzyme Kinetics for Novice Learners: Numerical Simulation in Excel
- Project Management Spreadsheet Gaming Application
- Teaching Portfolio Theory in an Equilibrium Setting with the Aid of Spreadsheet Tools

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