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

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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
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