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Titolo	Excel for scientists / / by Gerard M. Verschuuren
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Descrizione fisica	1 online resource (180 p.)
Collana	Excel for Professionals series
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Note generali	"Designed by scientists for scientists." Includes index.
Nota di contenuto	Title Page; Copyright Page; Table of Contents; About the Author; Prologue; Chapter I: General Techniques; Making Copies and Trends; Understanding Relative versus Absolute; Telling Appearance from Reality; Managing Dates; Putting Functions Inside Functions; Chapter II: Statistical Analysis; Understanding Sampling Distributions; Estimating with Confidence; Testing with Significance; Chapter III: Plotting Graphs; Types of Charts; Manipulating Graphs; Adding an extra axis; Line Charts versus XY Charts; Using Error Bars; Using Histograms; Configuring Default Graphs; Putting Inserts in Graphs Adding Special EffectsWorking with Dynamic Ranges; Chapter IV: Regression Analysis; Mono-factorial and Linear; Curve Fitting; Multiple Regression; Chapter V: Complex Functions; Fancy Functions; Array Formulas; Homemade Functions; Solving Equations; Chapter VI: Data Analysis; Validation; Sorting Records; Creating Subtotals; Using Data Filters; Database Functions; Calculated Criteria; Marked Records; Appendix A: Answers to Exercises
Sommario/riassunto	For scientists and engineers tired of trying to learn Excel with examples from accounting, this self-paced tutorial is loaded with informative

samples from the world of science and engineering. Techniques covered include creating a multifactorial or polynomial trendline, generating random samples with various characteristics, and tips on when to use PEARSON instead of CORREL. Other science- and engineering-related Excel features such as making columns touch each other for a histogram, unlinking a chart from its data, and pivoting tables to create frequency distributions are also covered.<