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Nota di contenuto	Short Contents; Contents; Foreword; Preface to the fifth edition; Introduction; Is this book for you?; What's in the book?; Conventions; I Mission Impossible; 1 Short course; 1.1 Getting started; 1.1.1 Your LaTeX; 1.1.2 Sample files; 1.1.3 Editing cycle; 1.1.4 Typing the source file; 1.2 The keyboard; 1.3 Your first text notes; 1.4 Lines too wide; 1.5 A note with formulas; 1.6 The building blocks of a formula; 1.7 Displayed formulas; 1.7.1 Equations; 1.7.2 Symbolic referencing; Absolute referencing; 1.7.3 Aligned formulas; Simple alignment; Annotated alignment; 1.7.4 Cases 3.2 Words, sentences, and paragraphs3.2.1 Spacing rules; 3.2.2

Periods; 3.3 Commanding LaTeX; 3.3.1 Commands and environments; 3.3.2 Scope; Example 1; Example 2; 3.3.3 Types of commands; Fragile commands; 3.4 Symbols not on the keyboard; 3.4.1 Quotation marks; 3.4.2 Dashes; 3.4.3 Ties or nonbreakable spaces; 3.4.4 Special characters; 3.4.5 Ellipses; 3.4.6 Ligatures; 3.4.7 Accents and symbols in text; 3.4.8 Logos and dates; 3.4.9 Hyphenation; 3.5 Comments and footnotes; 3.5.1 Comments; 3.5.2 Footnotes; 3.6 Changing font characteristics; 3.6.1 Basic font characteristics; 3.6.2 Document font families; 3.6.3 Shape commands; 3.6.4 Italic corrections; 3.6.5 Series; 3.6.6 Size changes; 3.6.7 Orthogonality; 3.6.8 Obsolete two-letter commands; 3.6.9 Low-level commands; 3.7 Lines, paragraphs, and pages; 3.7.1 Lines; Breaking lines; Double spacing; 3.7.2 Paragraphs; 3.7.3 Pages; 3.7.4 Multicolumn printing; 3.8 Spaces; 3.8.1 Horizontal spaces; Horizontal space variant; 3.8.2 Vertical spaces; Vertical space variants; 3.8.3 Relative spaces; 3.8.4 Expanding spaces; Horizontal spaces; Vertical spaces; 3.9 Boxes; 3.9.1 Line boxes; Line boxes-a refinement; 3.9.2 Frame boxes; 3.9.3 Paragraph boxes; Paragraph box refinements; Paragraph box as an environment; 3.9.4 Marginal comments; 3.9.5 Solid boxes; Struts; 3.9.6 Fine tuning boxes; 4 Text environments; 4.1 Some general rules for displayed text environments; 4.2 List environments; 4.2.1 Numbered lists; 4.2.2 Bulleted lists; 4.2.3 Captioned lists; 4.2.4 A rule and combinations; 4.3 Style and size environments; 4.4 Proclamations (theorem-like structures); Consecutive numbering; Numbering within a section; 4.4.1 The full syntax; 4.4.2 Proclamations with style; Three examples; Example 1; Example 2; Example 3; Number swapping

Sommario/riassunto

For over two decades, this comprehensive manual has been the standard introduction and complete reference for writing articles and books containing mathematical formulas. If the reader requires a streamlined approach to learning LaTeX for composing everyday documents, Grätzer's © 2014 Practical LaTeX may also be a good choice. In this carefully revised fifth edition, the Short Course has been brought up to date and reflects a modern and practical approach to LaTeX usage. New chapters have been added on illustrations and how to use LaTeX on an iPad. Key features: An example-based, visual approach and a gentle introduction with the Short Course A detailed exposition of multiline math formulas with a Visual Guide A unified approach to TeX, LaTeX, and the AMS enhancements A quick introduction to creating presentations with formulas From earlier reviews: Grätzer's book is a solution. —European Mathematical Society Newsletter There are several LaTeX guides, but this one wins hands down for the elegance of its approach and breadth of coverage. —Amazon.com, Best of 2000, Editor's choice A novice reader will be able to learn the most essential features of LaTeX sufficient to begin typesetting papers within a few hours of time... An experienced TeX user, on the other hand, will find a systematic and detailed discussion of LaTeX features. —Report on Mathematical Physics A very helpful and useful tool for all scientists and engineers. —Review of Astronomical Tools.
