



The LaTeX Graphics Companion (2nd Edition)

By Goossens, Michel; Mittelbach, Frank; Rahtz, Sebastian; Roegel, Denis; Voss, Herbert

Addison-Wesley Professional, 2007. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: List of Figures xvii List of Tables xxi Preface xxv Why LATEX, and why PostScript? xxvi How this book is arranged xxvii Typographic conventions xxix Using the examples xxxi Finding all those packages and programs xxxiii Chapter 1: Graphics with LATEX 1 1.1 Graphics systems and typesetting 2 1.2 Drawing types 3 1.3 TEX's interfaces 6 1.4 Graphics languages 10 1.5 Choosing a package 21 Chapter 2: Standard LATEX Interfaces 23 2.1 Inclusion of graphics files 23 2.2 Manipulating graphical objects 36 2.3 Line graphics 42 Chapter 3: METAFONT and METAPOST: TEX's Mates 51 3.1 The META language 52 3.2 Differences between METAPOST and METAFONT 60 3.3 Running the META programs 68 3.4 Some basic METAPOST libraries 74 3.5 The METAOBJ package 80 3.6 TEX interfaces: getting the best of both worlds 120 3.7 From METAPOST and to METAPOST 137 3.8 The future of METAPOST 138 Chapter 4: METAPOST Applications 141 4.1 A drawing toolkit 141 4.2 Representing data with graphs 157 4.3 Diagrams 176 4.4 Geometry 189 4.5 Science and engineering applications 196 4.6 3-D extensions 207 Chapter 5: Harnessing PostScript Inside...



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