

The Latex Companion

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this edition consists of two parts this is part ii and you can find part i by going to isbn 9780134658940 a bundle of both books is available at a special discounted price please see the listing for isbn 9780138166489 for nearly three decades the latex companion has been the essential resource for anyone using latex to create high quality documents just like the earlier editions this completely updated third edition is designed to serve as the stable core resource for users covering all aspects of document production from detailed micro typography questions and macro typography heading design lists mathematics tables graphics fonts page layout etc to bibliography and index production all chapters have been thoroughly revised and in many cases largely extended to describe new important functionality and features more than 5 000 add on packages have been analyzed in detail out of which roughly 10 have been chosen for inclusion in the latex companion all important aspects of these packages are described to provide the user once again with a satisfying one stop shop experience for the decade to come following the concept of the earlier versions the new edition is full of novel tips and tricks for using latex in both traditional and modern typesetting and also shows you how to customize layout features to your own needs from phrases and paragraphs to headings lists and pages new to this edition inclusion of or more details on important new or changed large scale packages e g biblatex fontspec hyperref mathtools siunitx tcolorbox tikz and unicode math to name just a few coverage of newer engine developments e g the use of unicode engines with latex discussion of all vital changes to latex itself which is undergoing a transformation to keep it relevant in the years to come examples are the new hook management system for latex the extended document command syntax and the inclusion of the latex3 programming layer into the latex format

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