The Joy of \TeX{}, a Gourmet Guide to Typesetting with the \AmSTeX{} Macro Package, Second Edition: A Gourmet Guide to Typesetting with the AMS-TEX Macro Package // 309 pages // 9780821829974 // 1990 // American Mathematical Soc., 1990 // Michael Spivak, Spivak

The Joy of TeX is the user-friendly guide to AMSTeX, a software package based on the computer typesetting language TeX. AMSTeX was designed to simplify typesetting of mathematical quantities, equations, and displays, and to format the output according to any of various preset style specifications. This second edition of Joy reflects the changes introduced on Version 2.0 of the AMSTeX macro package. The first two parts of the manual, "Starters" and "Main Courses", teach the reader how to typeset the kind of text and mathematics one ordinarily encounters.Â The manual also includes descriptions of conventions of mathematical typography to help the novice technical typist. Appendices list handy summaries of frequently used and more esoteric symbols. A Gourmet Guide to Typesetting with the AMS--TeX macro package, Providence: AMS, 1990. 6. Kotel'nikov, I. and Chebotaev, P., Izdatel'skaya sistema LaTeX 2e (Typesetting System LaTeX 2e), Novosibirsk: Sibirskii khronograf, 1998. 7. Goossens, M., Mittelbach, F., and Samarin, A., The LaTeX Companion, Reading, MA: Addison-Wesley, 1994. 8. Kopka, H. and Daly, P., A Guide to LaTeX2e, Reading, MA: Addison-Wesley, 1995. 9. Goossens, M., Rahtz, S., and Mittelbach, F., The LaTeX 2e Graphics Companion, Reading, MA: Addison-Wesley, 1997. 10. Goossens M., Rahtz S., et al., The LaTeX 2e Web Compan It marries the transformation function of XSL with the typesetting function of TEX. It provides a means for typesetting XML documents. How to use TEXML TEXML consists of two parts.Â It has a rich body of knowledge and experience captured in its macro packages and styles. It can typeset just about anything. The missing piece is a small implementation of TEX in the Java programming language which can be plugged into a browser or executed on a server; A however, much of L TEX can be displayed by IBM az, techexplorer (Sutor and D 1998). The enabling technologies now available are TEXML and XSL, with platform-specic implementations of TEX or with the IBM techexplorer plug-in for an HTML browser. XSL Tree Construction.