OPmac – A powerful lightweight plain \TeX\ package
http://petr.olsak.net/opmac-e.html

Do you use plain \TeX\ or \LaTeX\ for your mathematical texts? Plain \TeX\ is much more simple. And OPmac keeps all substantial \LaTeX\ features without \LaTeX\ complexity. The main credo of OPmac macro package is

Simplicity is Power

\begin{verbatim}
\documentclass{book}
\usepackage[utf8]{inputenc}
\usepackage[T1]{fontenc}
\usepackage{amsmath}
\usepackage{amssymb}
\usepackage{xcolor}
\usepackage{url}
\usepackage{hyperref}
\usepackage{biblatex}
\usepackage{listings}
\usepackage{graphicx}
\usepackage{geometry}
\usepackage{lastpage}
\usetikzlibrary{positioning}
\input opmac
\end{verbatim}

\begin{verbatim}
\begin{equation}
  f(x) = \begin{cases} 
    -1 & \text{for } x \ge 0, \\
    0 & \text{otherwise}. 
  \end{cases}
\end{equation}
\end{verbatim}

Features:
- Inserting images
- Autogenerating table of contents
- Support of bibliography citations
- Creating tables
- Cross references
- Direct generating index
- Nested numbered / non-numbered lists
- Simple way to generate table of contents
- Simple way to set margins and paper size
- Colors
- Internal and external hyperlinks
- \AMS-\TeX\ symbols
- Multilingual support

Availability: OPmac is included in new \TeX\ distributions (\TeXlive, \miktex) since 2013. It is a part of \CSplain\ package at CTAN. \CSplain\ is a small extension of plain \TeX\ It provides UTF-8 input in pdf\TeX\ (by enc\TeX\ extension) and preloads Czech and Slovak fonts as default. Simple but powerful font selection system for various other font families is available.

Processing: You can run the command \texttt{pdfcsplain document} or \texttt{pdftex document}. You can use Lua\TeX\ or Xe\TeX\ too.

Additional: Dozens of other additional \LaTeX\ packages can be implemented by few lines of code, see http://petr.olsak.net/opmac-tricks-e.html.

* Of course, you need to know the basics of plain \TeX\. See chapters 1 to 6 of the book P. Olšák: \TeX\ pro pragmatiky (in Czech, http://petr.olsak.net/tpp.html) or M. Doob: A Gentle Introduction to \TeX\ (English, http://www.ctan.org/tex-archive/info/gentle)