

The MLModern fonts

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MLModern is a text and math font family with \LaTeX support, based on the design of Donald Knuth’s Computer Modern and the Latin Modern project. Some find the default vector version of Computer Modern used by default in most \TeX distributions to be spindly, sometimes making it hard to read on screen as well as on paper; this is in contrast with the older bitmap versions of Computer Modern. MLModern provides a sturdy rendition of the Computer Modern design.

MLModern is based on Latin Modern, a version of Computer Modern with enhanced multilingual support. For basic use, add `\usepackage{mlmodern}` to your preamble, or (for non- \LaTeX use) replace references to `lm*` fonts with those to `mlm*` ones. You may also replace the Computer Modern and Latin Modern fonts (as well as the VnTeX fonts, etc.) without modifying a \TeX file (or changing metrics) by using the map file `mlm-substitute.map` with `dvips` or `pdfTeX`.

You must have the Latin Modern fonts installed, since this package expects their encoding files to be present. MLModern is available in unhinted Type 1 format, and should be good for both printing and on-screen reading.

Licensing information

The MLModern fonts are

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and based on the original “Computer Modern” family by Donald Knuth. A script by Chuanren Wu was used to blacken the fonts before manual adjustment. MLModern is made available under the \LaTeX Project Public License,

version 1.3c or later; the full terms are in LICENSE. This work has the LPPL maintenance status “maintained.” The current maintainer of this work is Daniel Benjamin Miller.

Sample

Frères humains, qui après nous vivez,
N’ayez les cueurs contre nous endurciz,
Car, si pitié de nous pouvres avez,
Dieu en aura plustost de vous merciz.
Vous nous voyez cy attachez cinq, six :
Quant de la chair, que trop avons nourrie,
Elle est pieça devorée et pourrie,
Et nous, les os, devenons cendre et pouldre.
De nostre mal personne ne s’en rie,
Mais priez Dieu que tous nous vueille absouldre !

FRANÇOIS VILLON, « Ballade des pendus »

$$E_0 = mc^2 \tag{1}$$

$$E = \frac{mc^2}{\sqrt{1 - \frac{v^2}{c^2}}} \tag{2}$$