The **HEP-FONT** package*  
Latin modern extended by computer modern

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Abstract  
The **HEP-FONT** package loads standard font packages and extends the usual latin modern implementations by replacing missing fonts with computer modern counterparts.

The package is loaded using \usepackage{hep-font}.

**oldstyle** The **oldstyle** option switches to oldstyle numerals such as 123 in text mode instead of lining numerals such as 123.

The **fontenc** package [1] with T1 and TU font encoding is loaded for pdf\TeX and Lua\TeX, respectively.

Some restrictions of computer modern (CM) fonts are lifted with the **fixcm** package [2].

The **microtype** [3] optimizations are activated.

The I\TeX new font selection scheme is extended with the **nfssext-cfr** package [4].

The latin modern font is loaded using the **cfr-lm** [5] and **lmodern** [6] packages for pdf\TeX and Lua\TeX, respectively.

The text companion fonts are loaded [7].

**\textsc** Bold **SMALL CAPS** and a sans serif **SMALL CAPS** based on the CM font [8] is provided, the latter using the **sansmathfonts** [9] and **hfoldsty** [10] packages.

**\textui** A sans-serif upright italic font is provided using the **sansmathfonts** package [9].

Finally the **inputenc** package [11] with the **utf8** option is loaded.

References


*This document corresponds to **HEP-FONT** v1.0.
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[7] \LaTeX\ Team. ‘The \texttt{textcomp} package: \LaTeX\ support for the Text Companion fonts’ (1995). CTAN: \texttt{textcomp}.


