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}`.

- **size** The `size=⟨size⟩` option loads the specified font size. The possible ⟨sizes⟩ are: 8pt, 9pt, 10pt, 11pt, 12pt, 14pt, 17pt, 20pt and default deactivates this switch. The default value is 11pt.

- **sans** The **sans** option switches to sans-serif font instead of serif 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 pdflatex and LuaLaTeX, respectively.

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

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

The ITeX 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 pdflatex and LuaLaTeX, 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.

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References


