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= $\langle size \rangle$ option loads the specified font size. The possible $\langle sizes \rangle$ are: 8pt, 9pt, 10pt, 11pt, 12pt, 14pt, 17pt, 20pt and default deactivates this switch. The default value is 11 pt.

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 pdfTeX and LuaTeX, respectively.

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

The MICROTYPE [3] optimizations are activated.

The IATEX 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 pdfTEX and LuaTeX, 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

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^{*}This document corresponds to HEP-FONT V1.3.

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