

The calrsfs package

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$\text{T}_{\text{E}}\text{X}/\text{L}\text{A}\text{T}_{\text{E}}\text{X}$ is the standard in typesetting research papers in physics. But many my colleges (and myself) were a little unhappy about the appearance of `\cal` letters (`\mathcal` in $\text{L}\text{A}\text{T}_{\text{E}}\text{X} 2_{\epsilon}$). The shape of these characters is very different from typefaces normally used in physical journals and books.

With the appearance of Ralph Smith's `rsfs` fonts and NFSS this problem can be easily resolved. Just put files `'OMSrsfs.fd'` and `'calrsfs.sty'` in $\text{L}\text{A}\text{T}_{\text{E}}\text{X} 2_{\epsilon}$ input directory. The command

```
\usepackage{calrsfs}
```

in the preamble of $\text{L}\text{A}\text{T}_{\text{E}}\text{X}$ file replaces all `\mathcal` letters by nice letters of `rsfs`'s font and you can enjoy 'standard' shape of Lagrangian. . .

The METAFONT sources of `rsfs` fonts are available in CTAN in the directory `/tex-archive/fonts/rsfs`