Using script fonts in \TeX

There are three free “script-like” fonts available in most standard \TeX distributions, and at least one commonly used commercial script font. Here’s how to use them. Some of these require special macro packages to be used—to do this, you insert an appropriate \usepackage command in your \texttt{preamble} (after your \texttt{documentclass} command, and before \texttt{\begin{document}}).

1. Standard \TeX “calligraphic” font: No special package needed.

\[ \texttt{mathcall}\{ABCDEFGHIJKLMNOPQRSTUVWXYZ\} \]

\[ \text{ABCDEFGHIJKLMNOPQRSTUVWXYZ} \]

2. Euler Script font: Use the “euscript” package.

\begin{verbatim}
\usepackage[mathscr]{euscript}
...
\texttt{mathscr}\{ABCDEFGHIJKLMNOPQRSTUVWXYZ\}
\end{verbatim}

\[ \text{ABCDEFGHIJKLMNOPQRSTUVWXYZ} \]


\begin{verbatim}
\usepackage[mathrsfs]
...
\texttt{mathrsf}\{ABCDEFGHIJKLMNOPQRSTUVWXYZ\}
\end{verbatim}

\[ \text{ABCDEFGHIJKLMNOPQRSTUVWXYZ} \]

4. MathTimePro2 (commercial fonts): In addition, for those who are really picky, there is an excellent script font in the commercial font package called \textit{MathTimePro2}, which can be purchased for $79 (academic sale price) at \url{www.pctex.com}.

\begin{verbatim}
\usepackage[mtptscr]{mtpro2}
...
\texttt{mathptscr}\{ABCDEFGHIJKLMNOPQRSTUVWXYZ\}
\end{verbatim}

\[ \text{ABCDEFGHIJKLMNOPQRSTUVWXYZ} \]