```
\documentclass{scrreprt}
\usepackage{amsmath}
\usepackage{verbatim}
\begin{document}
The kinetic energy E is defined as
\begin{displaymath}
 E = \frac{1}{2}mv^{2}
\end{displaymath}
\end{document}
```

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$$E = \frac{1}{2}mv^2$$