Test of the **overarrows** package compatibility with LATEX engines

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Predefined commands

```
\begin{align*}
                                                                             \\
\\
  \vv{AB}
                                    & & \vec{v}
  \overrightarrow{AB}
                                   & & \underrightarrow{AB}
  \overleftarrow{AB}
                                 & & \underleftarrow{AB}
                                                                             11
  \verb|\overleftrightarrow{AB}| & & \verb|\overleftrightarrow{AB}| \\
  \overrightharpoonup{AB} & & \underrightharpoonup{AB}
  \overrightharpoondown{AB} & & \underrightharpoondown{AB} \\
  \overleftharpoonup{AB} & & \underleftharpoonup{AB}
  \overleftharpoondown{AB} & & \underleftharpoondown{AB}
  \overbar{AB}
                                    & & \underbar{AB}
\end{align*}
                               \overrightarrow{AB}
                                                                     \vec{v}
                               \overrightarrow{AB}
                                                                  AB
                               \overleftarrow{AB}
                                                                  ĄΒ
                               \overrightarrow{AB}
                                                                  AΒ
                               \overrightarrow{AB}
                                                                  AB
                               \overrightarrow{AB}
                                                                  \underline{AB}
                               \overline{AB}
                                                                  ĄΒ
                               \overline{AB}
                                                                  <u>AB</u>
                               \overline{AB}
                                                                  \underline{AB}
```

harrowextender

} \TestOverArrow{\testharrowextender}					
\overrightarrow{v}	\overrightarrow{v}	\overrightarrow{v}	\overrightarrow{v}		
\overrightarrow{AB}	\overrightarrow{AB}	\overrightarrow{AB}	\overrightarrow{AB}		
$\overrightarrow{\operatorname{grad}}$	$\overrightarrow{\operatorname{grad}}$	$\overrightarrow{\operatorname{grad}}$	$\overrightarrow{\operatorname{grad}}$		

\NewOverArrowComm middle config=h	and{\useharrowextendarrowextendarrowextender	der}{%	
} \u	seharrowextender}		
\displaystyle	\textstyle	\scriptstyle	\scriptscriptstyle
\overrightarrow{v}	\overrightarrow{v}	\overrightarrow{v}	\overrightarrow{v}
\overrightarrow{AB}	\overrightarrow{AB}	\overrightarrow{AB}	\overrightarrow{AB}
$\overrightarrow{\operatorname{grad}}$	$\overrightarrow{\operatorname{grad}}$	$\overrightarrow{\operatorname{grad}}$	$\overrightarrow{\mathrm{grad}}$
ny long vector	my long vector	my long vector	my long vector

TikZ arrows

```
path options={
    x=\overarrowlength, line width=\overarrowthickness
  },
 path={(0,0) -- (1,0)}, arrows={->}
\NewOverArrowCommand[tikz]{\tikzsmallerthickness}{%
  path options={
   x=\overarrowlength, line width=\overarrowsmallerthickness,
 path={(0,0) -- (1,0)}, arrows={->}
\begin{align*}
  \tikzstandardthickness{ABCD} & &
  \verb|\criptscriptstyle \land tikzstandardthickness{ABCD} \land \\
  \tikzsmallerthickness{ABCD} & &
  \verb|\scriptscriptstyle \land tikzsmallerthickness{ABCD}| \\
\end{align*}
                        \overrightarrow{ABCD}
                                                       \overrightarrow{ABCD}
                        \overrightarrow{ABCD}
                                                        \overrightarrow{ABCD}
```