

# Test of the **overarrows** package compatibility with **unicode-math**

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June 17, 2024

## Predefined commands

```
\begin{align*}
\vv{AB} & \quad \& \quad \& \quad \vec{v} & \quad \\
\overrightarrow{AB} & \quad \& \quad \& \quad \underrightarrow{AB} & \quad \\
\overleftarrow{AB} & \quad \& \quad \& \quad \underleftarrow{AB} & \quad \\
\overleftrightharpoonup{AB} & \quad \& \quad \& \quad \underleftrightharpoonup{AB} & \quad \\
\overrightarrow{\hspace{0.5em}}\hspace{0.5em} \upharpoonright AB & \quad \& \quad \& \quad \underrightharpoonup{AB} & \quad \\
\overrightarrow{\hspace{0.5em}}\hspace{0.5em} \downharpoonright AB & \quad \& \quad \& \quad \underrightharpoonup{AB} & \quad \\
\overleftarrow{\hspace{0.5em}}\hspace{0.5em} \upharpoonright AB & \quad \& \quad \& \quad \underleftharpoonup{AB} & \quad \\
\overleftarrow{\hspace{0.5em}}\hspace{0.5em} \downharpoonright AB & \quad \& \quad \& \quad \underleftharpoonup{AB} & \quad \\
\overbar{AB} & \quad \& \quad \& \quad \underbar{AB} & \quad \\
\end{align*}
```

$\overrightarrow{AB}$	$\vec{v}$
$\overrightarrow{AB}$	$\underline{\overrightarrow{AB}}$
$\overleftarrow{AB}$	$\underline{\overleftarrow{AB}}$
$\overleftrightarrow{AB}$	$\underline{\overleftrightarrow{AB}}$
$\overrightarrow{AB}$	$\underline{\overrightarrow{AB}}$
$\overleftarrow{AB}$	$\underline{\overleftarrow{AB}}$
$\overbar{AB}$	$\underline{\overbar{AB}}$
$\overbar{AB}$	$\underline{\overbar{AB}}$

## TikZ arrows

```

\NewOverArrowCommand[tikz]{tikzstandardthickness}{%
  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} & \& \\
  \scriptscriptstyle \tikzstandardthickness{ABCD} & \\
  \tikzsmallerthickness{ABCD} & \& \\
  \scriptscriptstyle \tikzsmallerthickness{ABCD} & \\
\end{align*}
\end{align*}

```

$$\overrightarrow{ABCD}$$

$$\overrightarrow{ABCD}$$

$$\overrightarrow{ABCD}$$

$$\overrightarrow{ABCD}$$