Package overarrows examples

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esvecb

 \overrightarrow{v}

esvecc

 \overrightarrow{v}

esveca

 \overrightarrow{v}

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1 Default arrows						
	\vec ams	old-arrows	esvect	$_{ m tikz}$	picture	pstarrows
	\vec{v} \overrightarrow{v}	\overrightarrow{v}	\overrightarrow{v}	\overrightarrow{v}	\overrightarrow{v}	\overrightarrow{v}
2 Package esvect arrows						

esvece

 \overrightarrow{v}

esvecf

 \overrightarrow{v}

esvecg

 \overrightarrow{v}

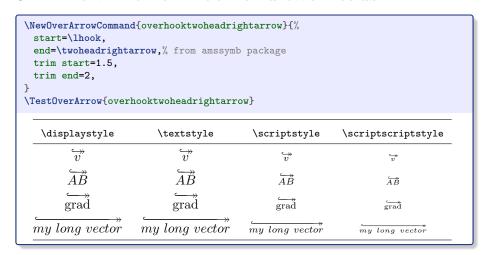
esvech

 \overrightarrow{v}

esvecd

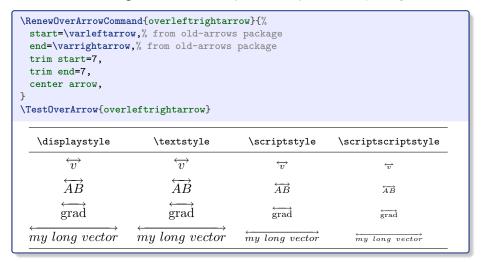
 \overrightarrow{v}

3 Arrow with an hook and two heads

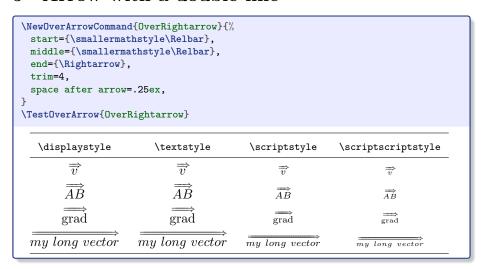


4 Left-right arrow

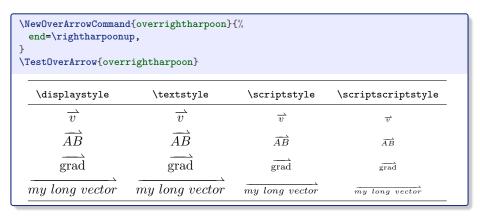
Note: $\oldsymbol{\colored}$ voerleftrightarrow is already defined by amsmath package.



5 Arrow with a double line



6 Right and left harpoons

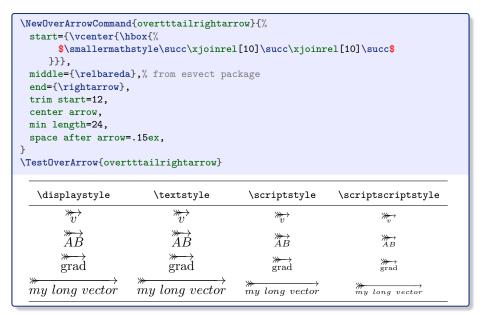


```
\NewOverArrowCommand{overleftharpoon}{%
  start=\leftharpoonup,
  end=\relbar,
  shift left=0,
  shift right=2,
\TestOverArrow{overleftharpoon}
    \displaystyle
                                \textstyle
                                                       \scriptstyle
                                                                             \scriptscriptstyle
           \overline{v}
                                     \overline{v}
                                                              \overline{v}
                                    \overleftarrow{AB}
          \overline{AB}
                                                             \overline{AB}
                                                                                        \overline{AB}
         grad
                                   grad
                                                             grad
                                                                                       \overline{\text{grad}}
  my\ long\ vector
                            my long vector
                                                      my long vector
                                                                                 my long vector
```

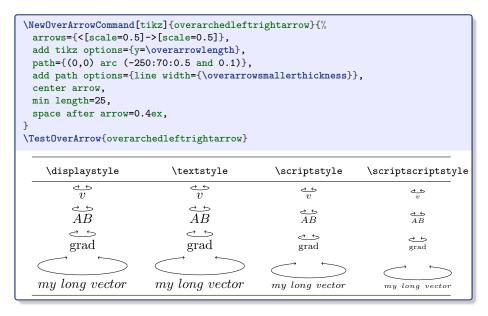
7 Double arrow, right and left inverted

```
\NewOverArrowCommand{overrightleftarrow}{%
  \verb|start=\lceil U \rceil \{lasy\}\{m\}\{n\} \land \{41\}\}, \\
  \verb|end=\left\{ usefont{U}{lasy}{m}{n} \right\}, \\
  trim start=0.7,
  trim end=0.7,
  min length=20,
  shift leftright=-2,
\TestOverArrow{overrightleftarrow}
    \displaystyle
                                  \textstyle
                                                          \scriptstyle
                                                                                 \scriptscriptstyle
           \overleftarrow{v}
                                       \overleftarrow{v}
                                                                 \overleftarrow{v}
           \overrightarrow{AB}
                                      \overrightarrow{AB}
                                                                 \overleftarrow{AB}
                                                                                             \overleftarrow{AB}
          grad
                                      grad
                                                                grad
                                                                                            \overrightarrow{\operatorname{grad}}
  my long vector
                             my long vector
                                                         my long vector
                                                                                      my \ long \ vector
```

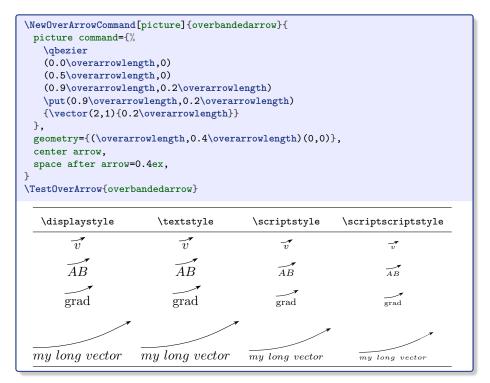
8 Arrow with a triple tail



9 Arched left and right arrow, with tikz package



10 Banded arrow, with picture environment



11 Under arrow

Note: \underleftrightarrow is already defined by amsmath package.

```
\DeclareOverArrowCommand{underleftrightarrow}{%
  start=\varleftarrow,
  center arrow,
  arrow under,
\TestOverArrow{underleftrightarrow}
 \displaystyle
                              \textstyle
                                                     \scriptstyle
                                                                           \scriptscriptstyle
         \stackrel{v}{\longleftrightarrow}
                                   \stackrel{v}{\longleftrightarrow}
        <u>АВ</u>
                                  ĄВ
                                                           AB
                                                                                     AB
       grad
                                 grad
                                                           \operatorname{grad}
                                                                                     \operatorname{grad}
                          my long vector
my long vector
                                                    my long vector
                                                                               my long vector
```