

The DotArrow-Package

– Dotted Extendable Arrows –

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Abstract

This package defines a new extendable arrow. This time its a dotted one. Other interesting packages are `extPfeil`¹ `symbols`² `extarrows`³ `chemarrow`⁴.

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1 Simple Usage

`\dotarrow` $S \overset{\kappa}{\dashrightarrow} S'$
`$S\dotarrow{\kappa}S^\prime$`

2 Package - Options

`Option:autosep**` These Package-Options can be used to adjust the space on left and right to the label. The default is `autosep03`.

¹<http://tug.ctan.org/tex-archive/macros/latex/contrib/extpfeil/>

²<http://www.ctan.org/tex-archive/info/symbols/comprehensive/>

³<http://tug.ctan.org/tex-archive/macros/latex/contrib/extarrows/>

⁴<http://tug.ctan.org/tex-archive/macros/latex/contrib/chemarrow/>

autosep00 $S \overset{\kappa}{\rightarrow} S'$
 autosep01 $S \overset{\kappa}{\dashrightarrow} S'$
 autosep02 $S \overset{\kappa}{\dashrightarrow} S'$
 autosep03 $S \overset{\kappa}{\dashrightarrow} S'$
 autosep04 $S \overset{\kappa}{\dashrightarrow} S'$
 autosep05 $S \overset{\kappa}{\dashrightarrow} S'$
 autosep06 $S \overset{\kappa}{\dashrightarrow} S'$
 autosep07 $S \overset{\kappa}{\dashrightarrow} S'$
 autosep08 $S \overset{\kappa}{\dashrightarrow} S'$
 autosep09 $S \overset{\kappa}{\dashrightarrow} S'$
 autosep10 $S \overset{\kappa}{\dashrightarrow} S'$

Option:autoraise** These Package-Options can be used to adjust the space between label and arrow. The default is `autosep06`.

autoraise00 $S \overset{\kappa}{\rightarrow} S'$
 autoraise01 $S \overset{\kappa}{\rightarrow} S'$
 autoraise02 $S \overset{\kappa}{\rightarrow} S'$
 autoraise03 $S \overset{\kappa}{\rightarrow} S'$
 autoraise04 $S \overset{\kappa}{\dashrightarrow} S'$
 autoraise05 $S \overset{\kappa}{\dashrightarrow} S'$
 autoraise06 $S \overset{\kappa}{\dashrightarrow} S'$
 autoraise07 $S \overset{\kappa}{\dashrightarrow} S'$
 autoraise08 $S \overset{\kappa}{\dashrightarrow} S'$
 autoraise09 $S \overset{\kappa}{\dashrightarrow} S'$
 autoraise10 $S \overset{\kappa}{\dashrightarrow} S'$

Option:head* These Package-Options can be used to choose a different head. The default is `head1`.

head1 $S \overset{\kappa}{\dashrightarrow} S'$
 head2 $S \overset{\kappa}{\dashrightarrow} S'$
 head3 $S \overset{\kappa}{\dashrightarrow} S'$

3 Commands

`\DotArrowSetSep` Select a new separation-value. `\DotArrowSetSep{0.3em}`
`\DotArrowSetRaise` Select a new raisevalue. `\DotArrowSetRaise{0.6ex}`
`\DotArrowSetHead` Select a new arrowhead. `\DotArrowSetHead{\ensuremath{\succ}}`