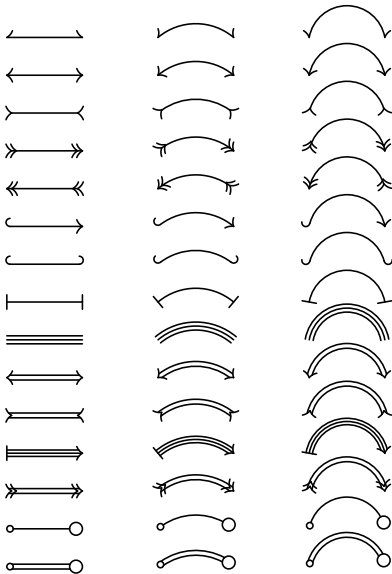# Arrow heads

Compare to symbols $\rightarrow$, $\twoheadrightarrow$, $\hookrightarrow$, $\mapsto$

Double and triple lines

Formula $A \xrightarrow{f} B$.

Formula $A \overset{f}{\Longrightarrow} B$.

Formula $A \overset{f}{\Longrightarrow} B$.

Arrow head shorthands
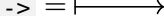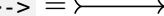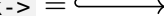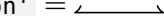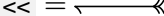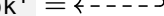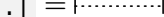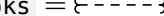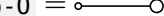
`->`	$=$	$\longrightarrow$
`<-`	$=$	$\longleftarrow$
`<->`	$=$	$\longleftrightarrow$
`<=>`	$=$	$\Longleftrightarrow$
`<==>`	$=$	$\Longleftrightarrow$
`|->`	$=$	$\longmapsto$
`|=>`	$=$	$\Longmapsto$
`>->`	$=$	$\rightarrowtail$
`->>`	$=$	$\twoheadrightarrow$
`hook->`	$=$	$\hookrightarrow$
`hook'--hook`	$=$	$\subset\text{-}\text{-}\text{-}\text{-}\supset$
`|=|`	$=$	$\Longmapsfrom$
`>>-<<`	$=$	$\ggrightarrow\lllleftarrow$
`harpoon-harpoon'`	$=$	$\leftharpoondown\rightharpoondown$
`harpoon'-<<`	$=$	$\leftharpoondown\lllleftarrow$
`<--hook'`	$=$	$\leftarrow\text{-}\text{-}\text{-}\text{-}\supset$
`|..|`	$=$	$\vdash\cdots\cdots\dashv$
`hooks--hooks`	$=$	$\subset\text{-}\text{-}\text{-}\text{-}\supset$
`o-0`	$=$	$\circ\!\longrightarrow\!\bigcirc$
`o==0`	$=$	$\circ\!\Longrightarrow\!\bigcirc$

Connectors

$$
\begin{array}{ccc}
X & \longrightarrow & Y \\
\downarrow & \nearrow & \\
Z & &
\end{array}
$$

f

Arc connectors

from $\longrightarrow$ to

20deg

0deg

−50deg
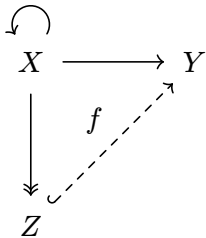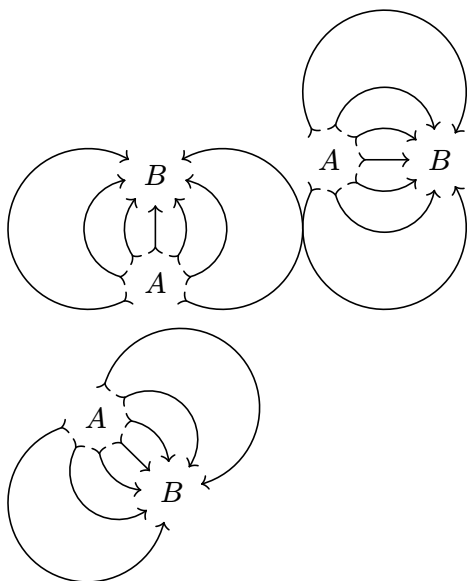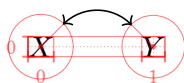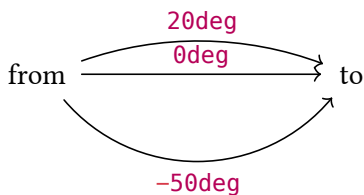
Defocus
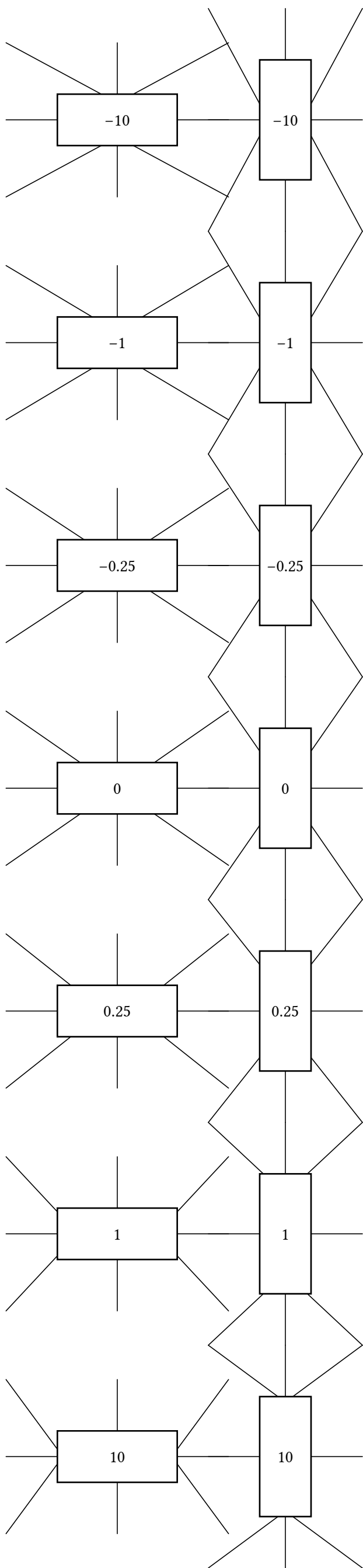
Label placement

Default placement above the line.
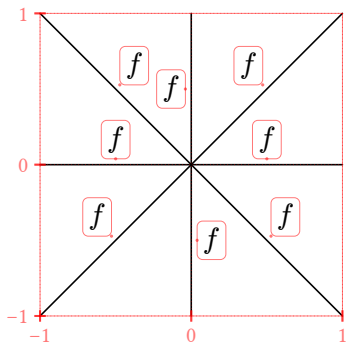
Crossing connectors
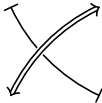
edge() argument shorthands
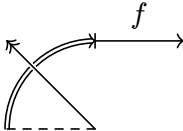
Diagram-level options

CeTZ integration

Bézier

A

Node bounds

| `hello` | $\Longleftrightarrow$ | `there` |

Corner edges