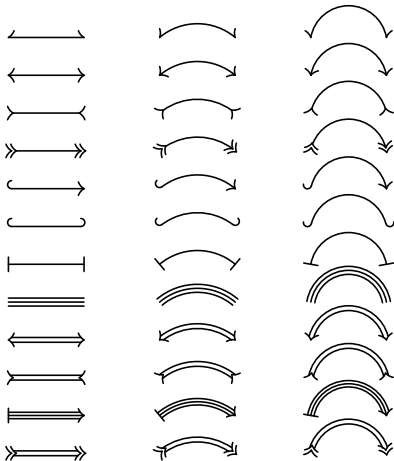


# Arrow heads

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



# Arrow head shorthands

`->` =  $\longrightarrow$

`<-` =  $\longleftarrow$

`<->` =  $\longleftrightarrow$

`<=>` =  $\Leftrightarrow$

`| ->` =  $\mapsto$

`|=>` =  $\Rightarrow$

`>->` =  $\rightharpoonup$

`->>` =  $\twoheadrightarrow$

`hook->` =  $\hookrightarrow$

`hook'--hook` =  $\hookleftarrow{\hspace{1cm}}\hookrightarrow$

`|=|` =  $\Vdash$

`>>-<<` =  $\gg\longrightarrow\ll$

`harpoon-harpoon'` =  $\leftharpoonup\hspace{0.5cm}\rightharpoonup$

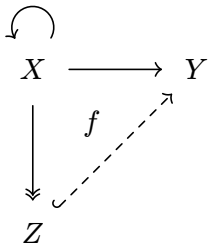
`harpoon'-<<` =  $\leftharpoonup\hspace{0.5cm}\ll$

`<--hook'` =  $\hookleftarrow{\hspace{1cm}}\hookrightarrow$

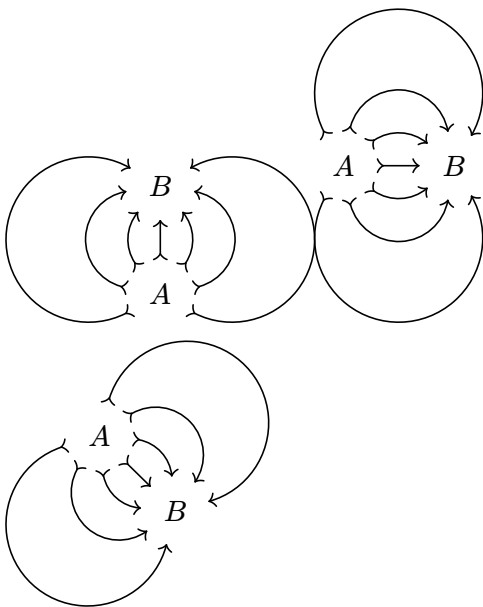
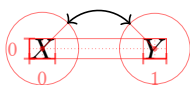
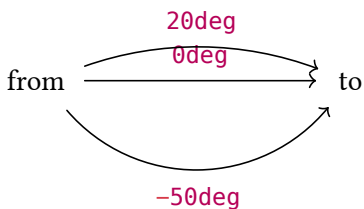
`|..|` =  $\vdots\hspace{0.5cm}\vdots$

`hooks--hooks` =  $\{ \hspace{0.5cm} \}$

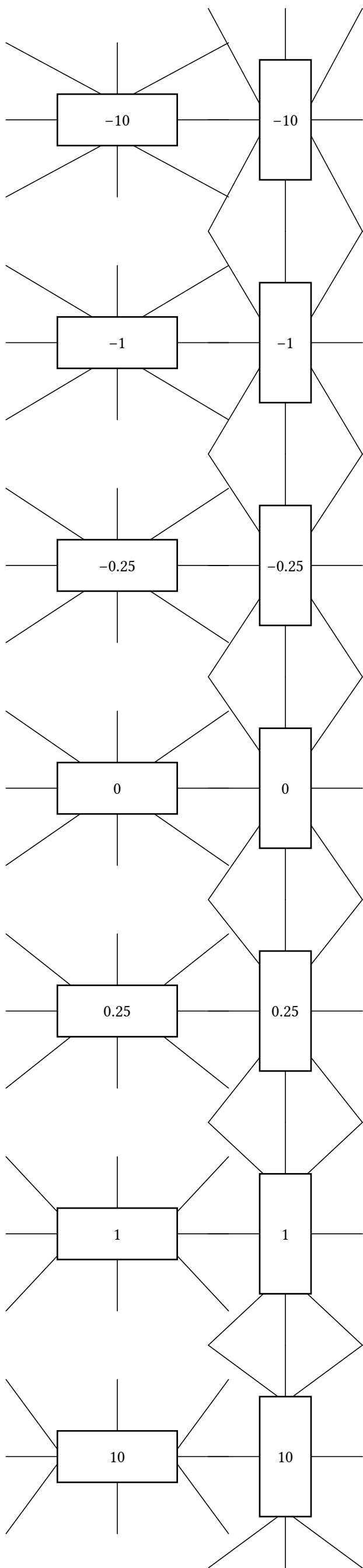
# Connectors



# Arc connectors

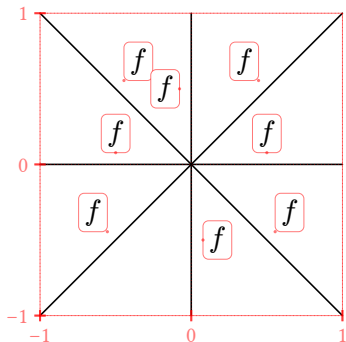


# Defocus



# Label placement

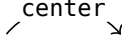
Default placement above the line.



left



center



right



left

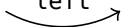


- center

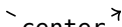


right

left



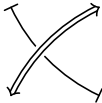
center



right



# Crossing connectors



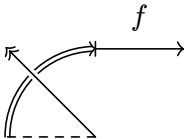
# Coord callback



hi



**conn( ) argument shorthands**



## Diagram-level options

