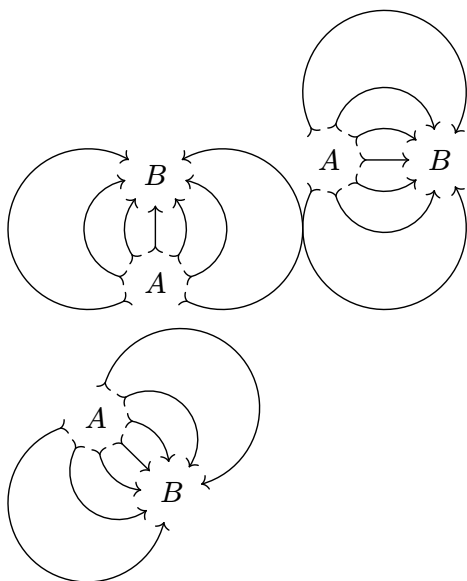
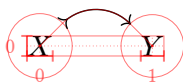
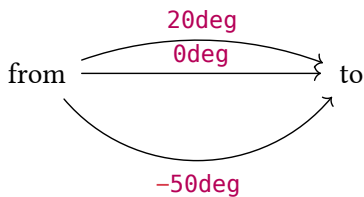


Connectors



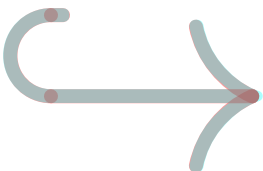
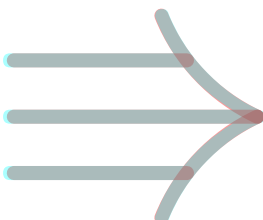
Arc connectors



Matching math arrows

Compare to \rightarrow , \Rightarrow , \implies , \twoheadrightarrow , \hookrightarrow , \mapsto .

Red is our output; cyan is reference symbol in default math font.



Double and triple lines

Diagram $A \xrightarrow{f} B$ and equation $A \rightarrow B$.

Diagram $A \xRightarrow{f} B$ and equation $A \Rightarrow B$.

Diagram $A \xRightarrow{\quad f \quad} B$ and equation $A \equiv B$.

Arrow head shorthands

"->" = 

"<-" = 

">-<" = 

"<->" = 

"<=>" = 

"<==>" = 


"|->" = 

"|=>" = 

">->" = 

"<<->>" = 

">>-<<" = 

">>>-}>" = 

"hook->" = 

"hook' - - hook" = 

"|=|" = 

"|||-||" = 

"||| - |||" = 

"/- - \\" = 

"\\ = \\" = 

"/=/" = 

"x-X" = 

">>-<<" = 


"harpoon-harpoon'" = 


"harpoon' -<<" = 


"<- - hook'" = 

"|. . |" = 

"hooks - - hooks" = 

"o-0" = 

"0-o" = 

"*-@" = 

"o==0" = 

"||->>" = 

"<| - |>" = 

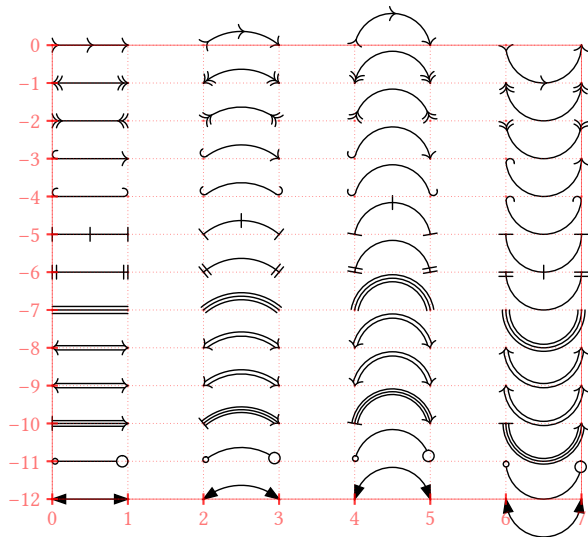
"|>-<|" = 

"-|- " = 

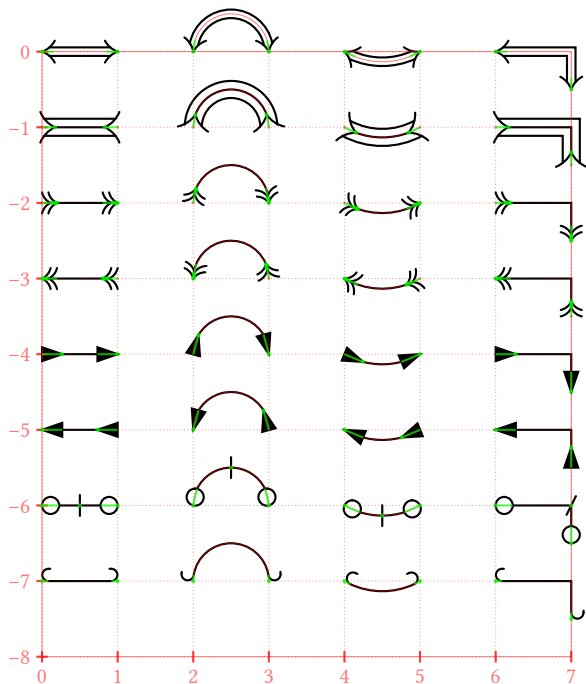
"hook-/->" = 

"<{-}>" = 

Bending arrows



Fine mark angle corrections

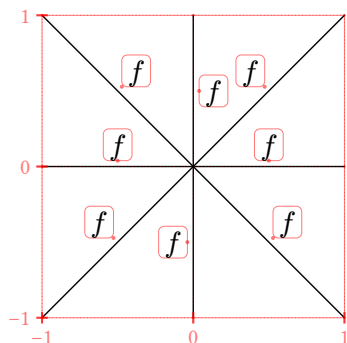


Defocus adjustment

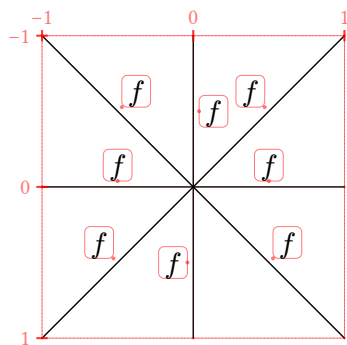


Label placement

Default placement above the line.



Reversed y -axis:



left
↘

center
↘

right
↘

→
left

- center →

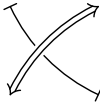
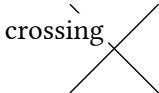
right
→

↘
left

↘ center ↘

↘
right

Crossing connectors



edge() argument shorthands

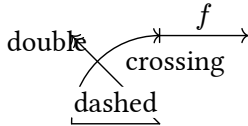
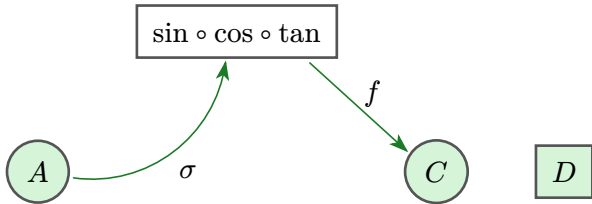


Diagram-level options



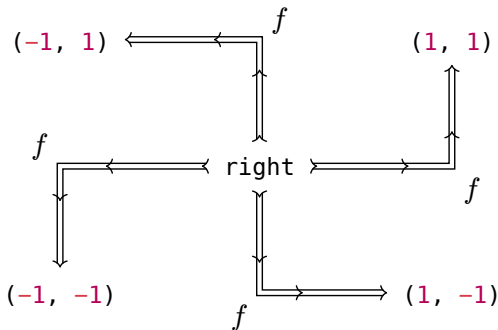
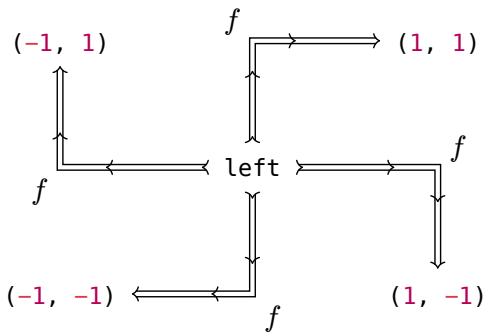
CeTZ integration



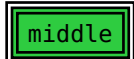
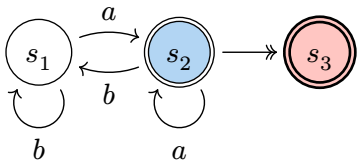
Node bounds



Corner edges



Double node strokes

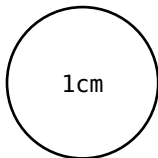


Relative and absolute extrusion lengths



Custom node sizes

Make sure provided dimensions are exact, not affected by node inset.

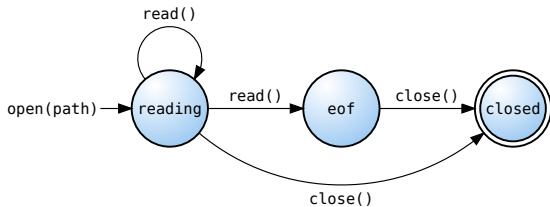


both

Example

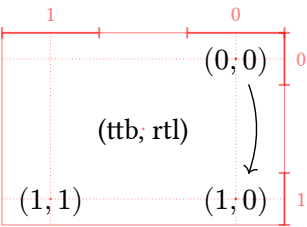
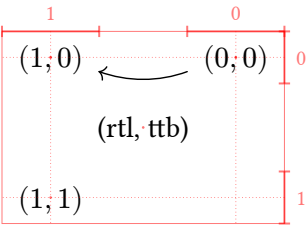
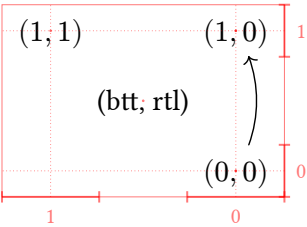
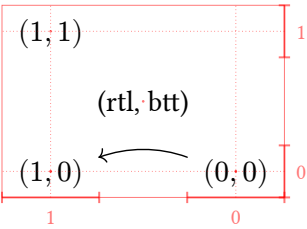
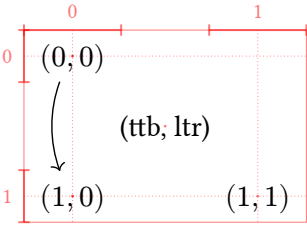
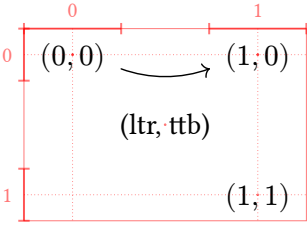
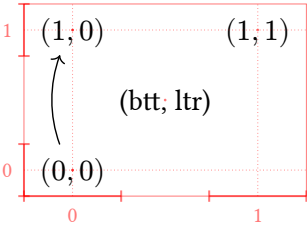
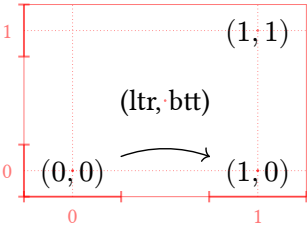
Make sure node or edge labels don't pick up equation numbers!

$$a^2 \quad (1)$$



$$b^2 \quad (2)$$

Axes configuration



Math-mode diagrams

$$\begin{array}{ccc} G & \xrightarrow{f} & \operatorname{im}(f) \\ \downarrow \pi & \nearrow f & \\ G/\ker(f) & & \end{array}$$