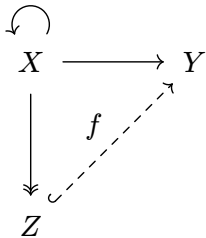
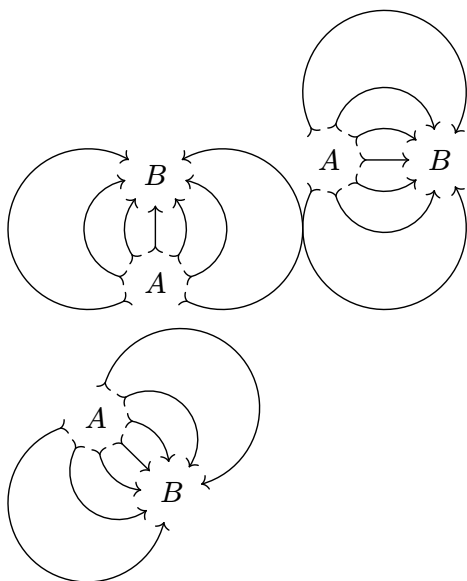
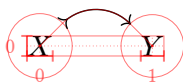
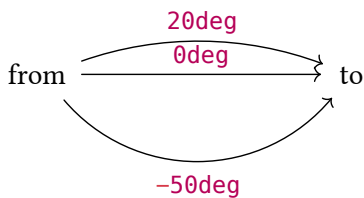


# Connectors



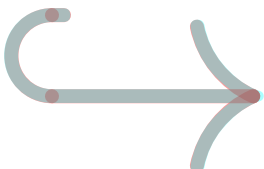
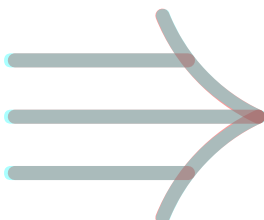
# Arc connectors



# 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" = 


"||->>" = 


"<|-|>" = 

"|>-<|" = 

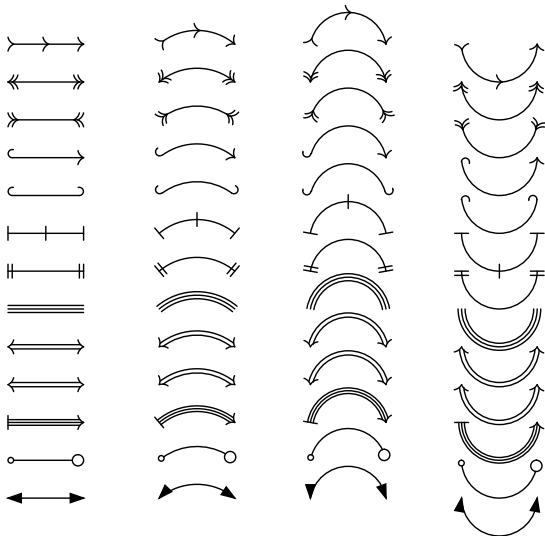
"-|- " = 

"hook-/->" = 

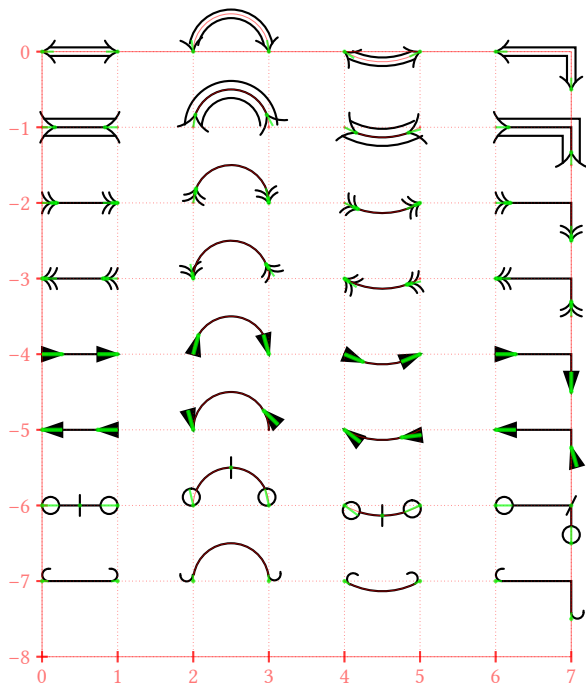
"stealth-stealth" = 

(  
(kind: "stealth", rev: false),  
(kind: "stealth", rev: true),  
) = 

# Bending arrows



# Fine mark angle corrections



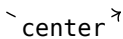
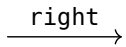
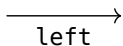
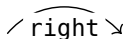
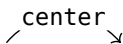
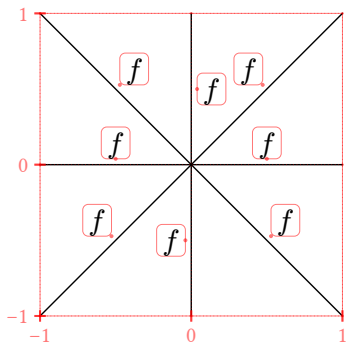
## Defocus adjustment



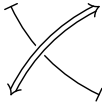


# Label placement

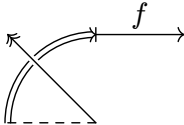
Default placement above the line.



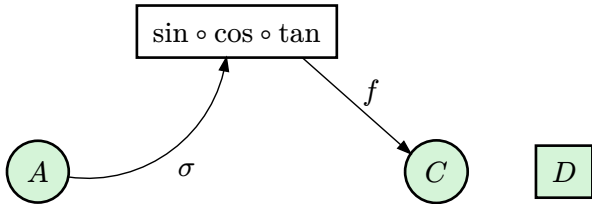
# Crossing connectors



**edge( ) argument shorthands**



# Diagram-level options



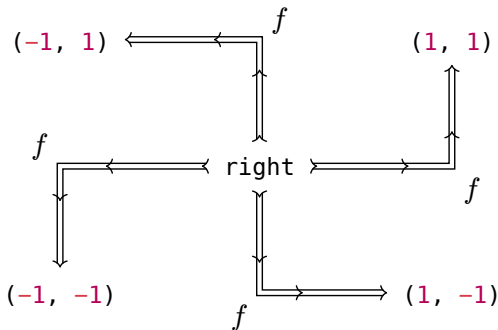
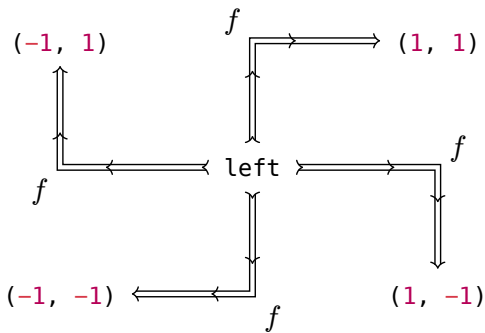
# CeTZ integration



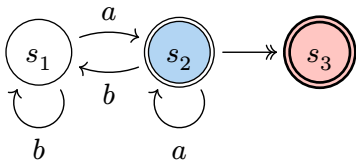
# Node bounds



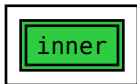
# Corner edges



# Double node strokes



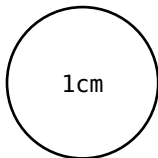
Relative and absolute extrusion lengths





# Custom node sizes

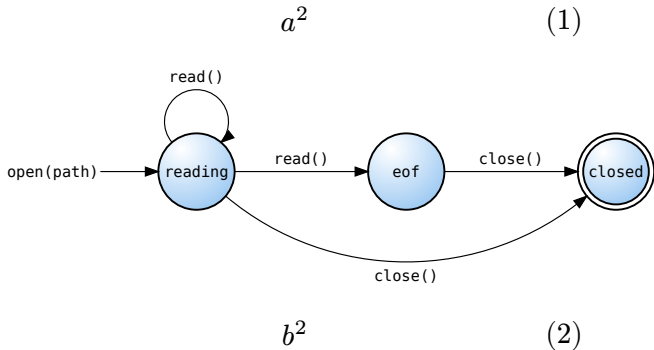
Make sure provided dimensions are exact, not affected by node inset.



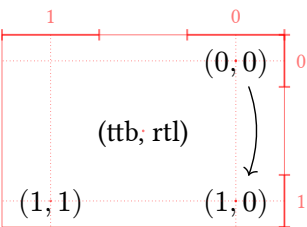
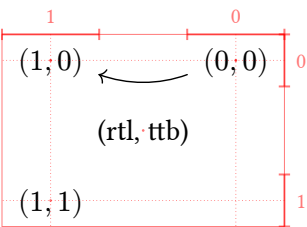
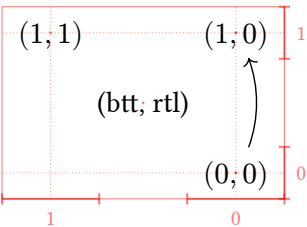
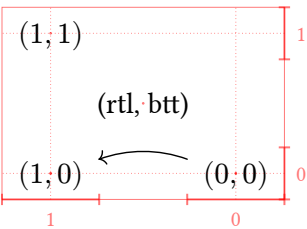
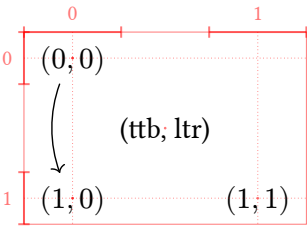
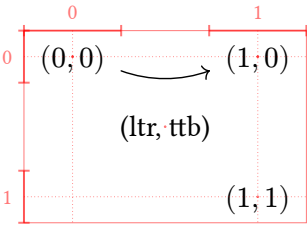
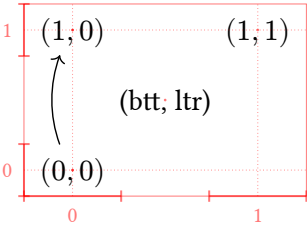
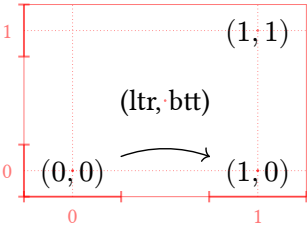
both

# Example

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



# Funky axes



?

(size: 2, fill: true, outer-len: 4,  
kind: "circle")



```
(  
  [G],  
  [ ],  
  metadata(value: (kind: "edge",  
options: ("r", "→", [f]))),  
  [ ],  
  metadata(value: (kind: "edge",  
options: ("d", "→", "π"))),  
  [ ],  
  align-point(),  
  [ ],  
  [(  
    op(text: [im], limits: false),  
    lr(body: [([ ], [f], [ ])])),  
  ],  
  [ ],  
  linebreak(),  
  [ ],  
  [G],  
  [ ],  
  [/],  
  [ ],  
  [(  
    op(text: [ker], limits: false),  
    lr(body: [([ ], [f], [ ])])),  
  ],  
  [ ],  
  metadata(  
    value: (  
      kind: "edge",  
      options: ("ur", "→", accent(base:  
[f], accent: "\u{303}")),  
    ),  
  ),  
)
```