



$\leadsto$  node\_id =  $i_x L_y + i_y$

$i_x = 0, \dots, L_x - 1$      $i_y = 0, 1, \dots, L_y - 1$

$\leadsto$  linkindex

$\leadsto$  link/flux value  $\sigma_i \in \{-1, 1\}$

-1 means  $-\vec{e}_x$  or  $-\vec{e}_y$      $\leftarrow$  or  $\downarrow$   
 1 means  $+\vec{e}_x$  or  $+\vec{e}_y$      $\rightarrow$  or  $\uparrow$