

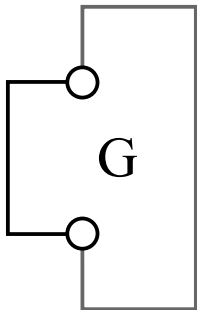
$\xleftarrow{\varphi L}$



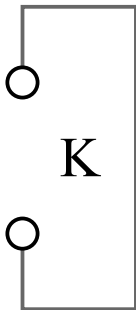
$\xrightarrow{\varphi R}$



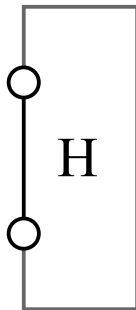
$\downarrow \varphi m$



$\xleftarrow{\varphi G}$



$\xrightarrow{\varphi H}$



$\downarrow \varphi n$