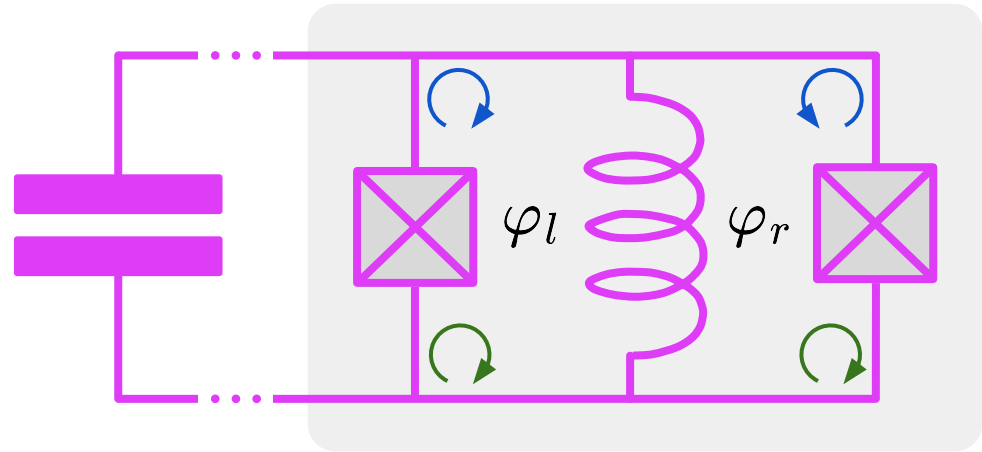


(a)

$$\varphi_{\Delta} = (\varphi_l - \varphi_r)/2$$



$$\varphi_{\Sigma} = (\varphi_l + \varphi_r)/2$$

