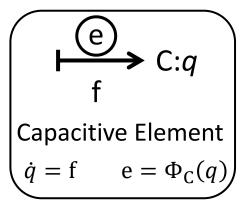
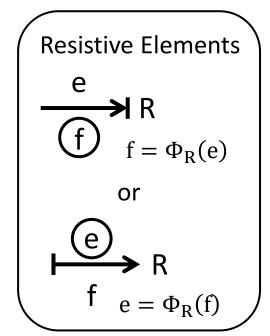
1-Port Elements

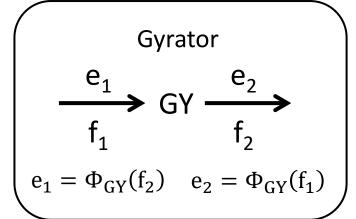
$$S_e \xrightarrow{u_e}$$
Effort Source

$$S_f \longrightarrow S_f$$
 Flow Source





2-Port Elements



Transformer
$$\begin{array}{c} e_1 \\ \hline f_1 \\ \hline f_2 \\ \end{array}$$

$$e_1 = \Phi_{TF}(e_2) \quad f_2 = \Phi_{TF}(f_1)$$

Multi-Port Elements

