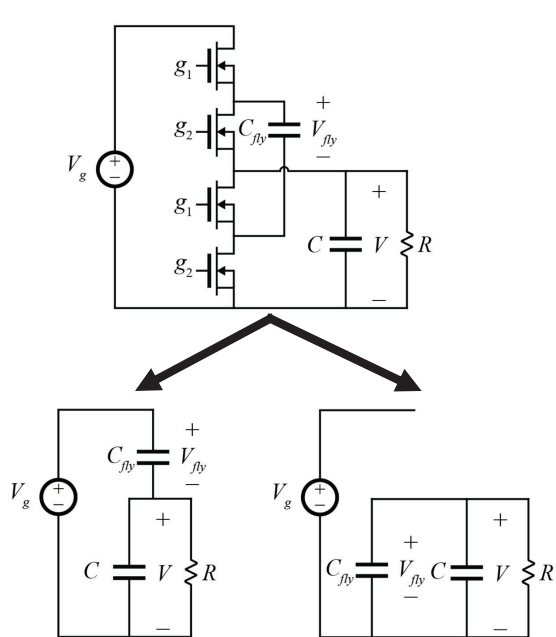


# Tellegen's Theorem

# Tellegen's Theorem

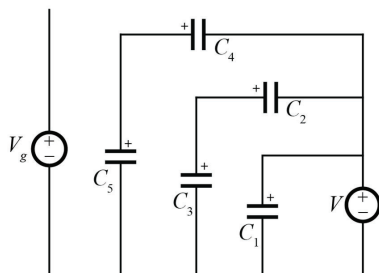
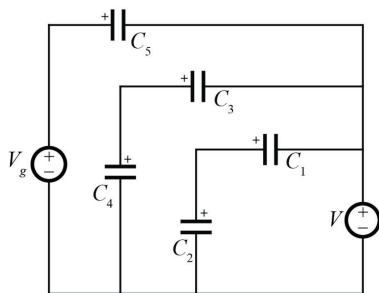
# Output Resistance



$$\bar{a}^I = \begin{bmatrix} -\frac{1}{2} & \frac{1}{2} & \frac{1}{2} \end{bmatrix}$$

$$\bar{a}^{II} = \begin{bmatrix} 0 & -\frac{1}{2} & \frac{1}{2} \end{bmatrix}$$

# Dickson Charge Vector Analysis



# Dickson Output Resistance