Exercise 6:
$$U = V_{0}^{1} = iV_{2}^{2}$$
 $V = 1 - i$
 $|V| = |V_{0}^{1}|^{2} + (-V_{2}^{2})^{2} = |V_{0}^{1}|^{2} + \frac{2}{4}|^{2} = \frac{2V_{0}^{2}}{4}|^{2}$
 $|V| = |V_{0}^{1}|^{2} + (-V_{0}^{2})^{2} = |V_{0}^{1}|^{2} + \frac{2}{4}|^{2} = \frac{2V_{0}^{2}}{4}|^{2}$
 $|V| = |V_{0}^{1}|^{2} + (-V_{0}^{1})^{2} = |V_{0}^{1}|^{2} = \frac{1}{4}|^{2}$
 $|V| = |V_{0}^{1}|^{2} + (-V_{0}^{1})^{2} = |V_{0}^{1}|^{2} = \frac{1}{4}|^{2}$
 $|V| = |V_{0}^{1}|^{2} + (-V_{0}^{2})^{2} = \frac{1}{4}|^{2}$
 $|V| = |V|^{2} + (-V_{0}^{2})^{2} = \frac{1}{4}|^{2$