Nolan Anderson Quiz 02 09/08/2020 EE 315

1.)

G=? G= No Ri: 00

$$\frac{250}{\sqrt{L}} = \frac{1}{4} = \frac{1}{10}$$

$$\frac{1}{\sqrt{L}} = \frac{1}{4} = \frac{1}{10}$$

3.)

inon inverting
Ri=loks

· R2 = 50x 12

· A = (0,000 1/4

$$\frac{1}{1+\frac{R^{2}/2}{4}} = \frac{R^{2}/2}{1+\frac{R^{2}/2}{4}} = \frac{1+\frac{5}{1+\frac{1}{10,000}}}{1+\frac{1}{10,000}} = \frac{1+\frac{5}{1+\frac{1}{10,000}}}{1+\frac{1}{10,000}} = \frac{6}{1+\frac{1}{10,000}} = \frac{6}{1+\frac{1}{10,0000}} = \frac{6}{1+\frac{1}{10,000}} = \frac{6}{1+\frac{1}{10,$$

$$1+5=6 \qquad \frac{6}{1+\frac{1}{10,000}(6)} \qquad = \frac{6}{1+\frac{6}{10,000}}$$