GRIFF17415 9.23

Equation 9.149
$$R = \left| \frac{\widetilde{E}_{oR}}{\widetilde{E}_{oi}} \right| = \left| \frac{1 - \widetilde{\beta}}{1 + \widetilde{\beta}} \right|^{3}$$

$$\beta = M_1 N_1 R \qquad R = R + i R$$

$$M_2 W \qquad F_q q. 148$$

$$k = w \sqrt{\frac{\varepsilon}{2}} \sqrt{\frac{\sigma}{\varepsilon}} = \sqrt{\frac{\sigma}{\omega}} \sqrt{\frac{\varepsilon}{\varepsilon}} \sqrt{\frac{\sigma}{\varepsilon}} = \sqrt{\frac{\sigma}{\omega}} \sqrt{\frac{\varepsilon}{\varepsilon}} \sqrt{\frac{\sigma}{\varepsilon}} \sqrt{\frac{\sigma}{\varepsilon}}$$

$$\widetilde{\beta} = \mu_1 \overline{\nu}_1 \overline{\nu}_2 \overline{\nu}_2 (1+i) = \mu_1 \overline{\nu}_1 \overline{\nu}_2 \overline{\nu}_$$

Now it is just a motter of plugging numbers in