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 $-\frac{3}{4}A(i\omega)e^{2}(i\omega) + \frac{1}{4}(i\omega)e^{2}(i\omega)$ $= -w_{0}^{2}Ae^{i\omega}$ 3 w A - / w = - w A/B $\frac{A}{B} = \frac{\omega}{Rm^2 G \omega^2}$ W = WO => A = - B

$$W = W_0 = A = -B$$

$$W = W_0\sqrt{2} = A = B$$