$$\frac{\mathcal{E}_{2}}{1}$$
 $R; L en N$

$$\frac{i(t)}{1}$$

$$M(t)$$

$$\frac{i(t)}{3}$$

$$M(t)$$

Ret L en nine
$$Z_{eq} = Z_{R} + Z_{R} = R + J L \omega$$

$$|Z_{eq}| = \sqrt{R^2 (L\omega)^2}$$

|Zeq| = R2+(Lw|2 -> Lw = V|Zeq|2-R2

$$\Delta N = L = \frac{1}{2} \times \sqrt{2 \times 10^{4} - 10^{4}} = \frac{10^{2}}{10^{2}} \times \sqrt{1} = \frac{1}{10^{2}} = \frac{10^{2}}{10^{2}} \times \sqrt{1} = \frac{10$$

3) i(1) = I /2 (0)(100 T+ +4).

Dom note can $(L\omega) = R$ $\varphi = +\pi$

1(H = IV cos (100 Tt - T/4)) (is en retand our us
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