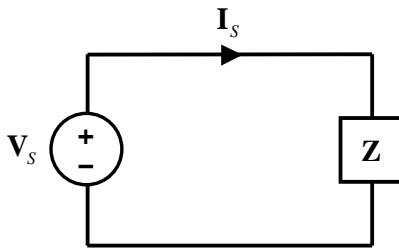EE 3340
# Homework Problem #046



Find $\mathbf{Z}$, given that

$$v_S(t) = 10\cos(377t + 15°) \text{ V}$$

and

$$i_S(t) = 3\sin(377t + 30°) \text{ A} .$$