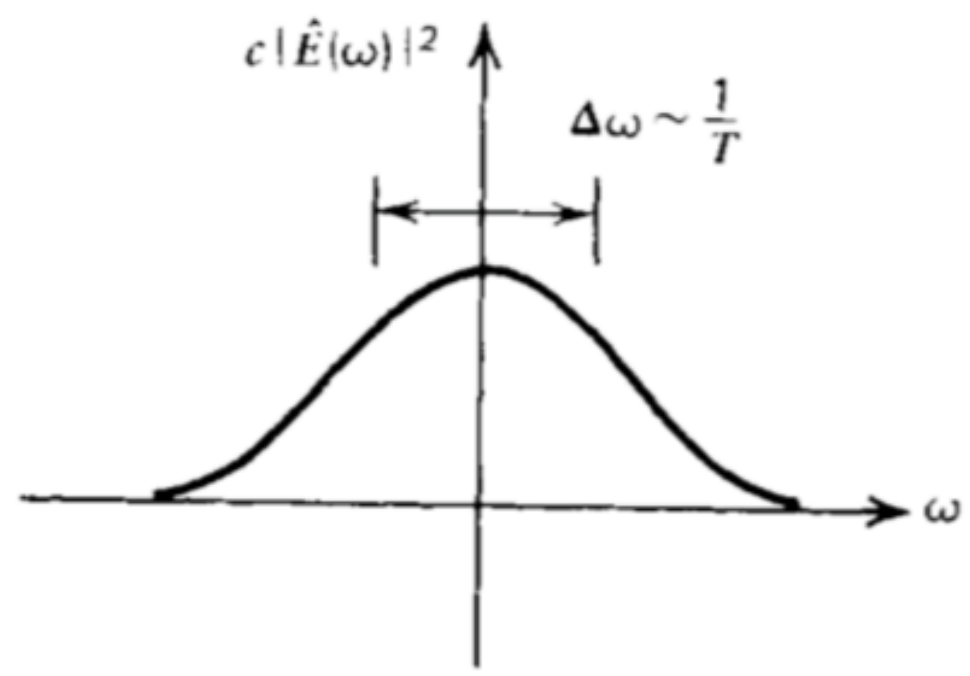


(a)

Figure 2.1a Electric field of a pulse of duration T .



(b)

Figure 2.1b Power spectrum for a.

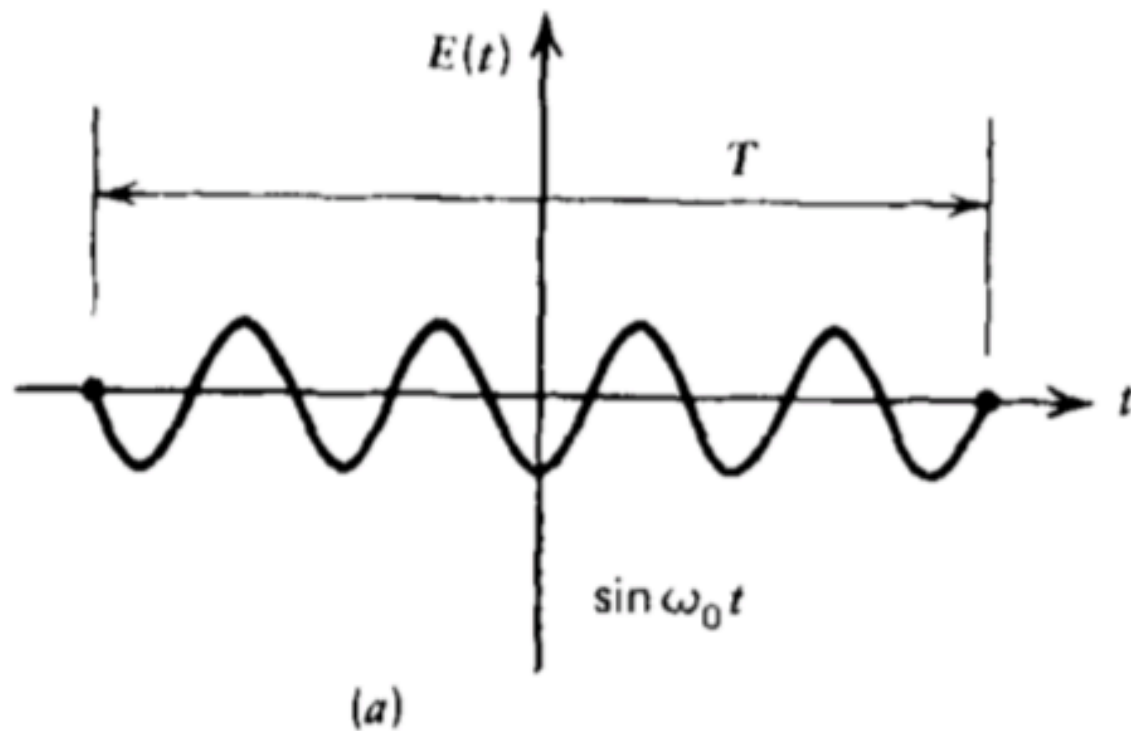


Figure 2.2a Electric field of a sinusoidal pulse of frequency ω_0

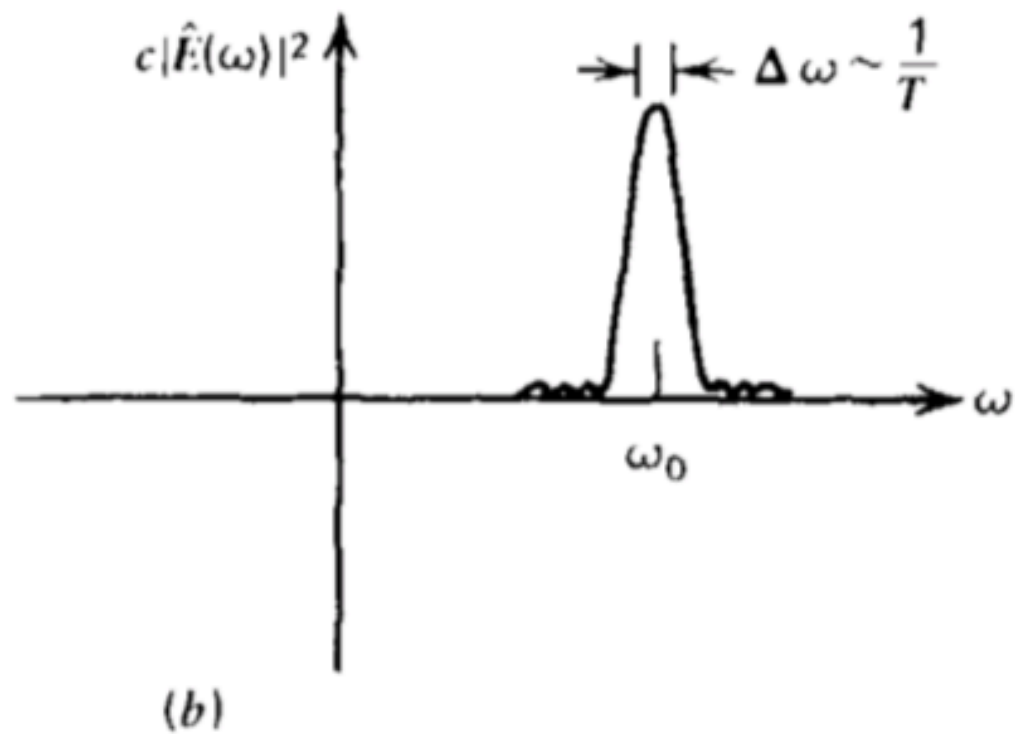


Figure 2.2b Power spectrum for a.

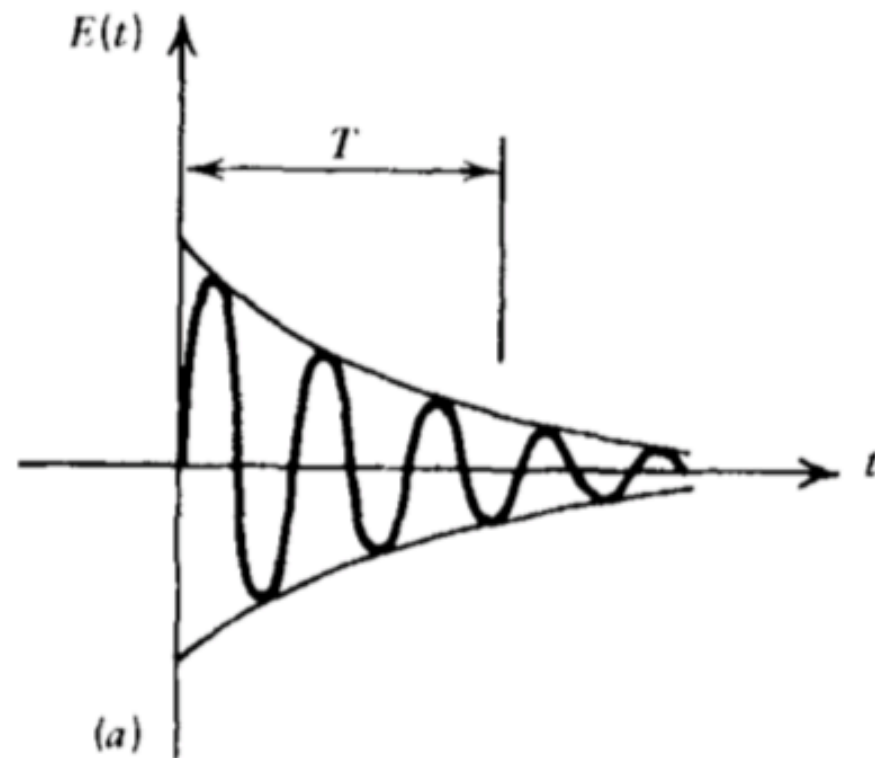


Figure 2.3a Electric field of a damped sinusoid of the form $\exp(-t/T)\sin\omega_0 t$.

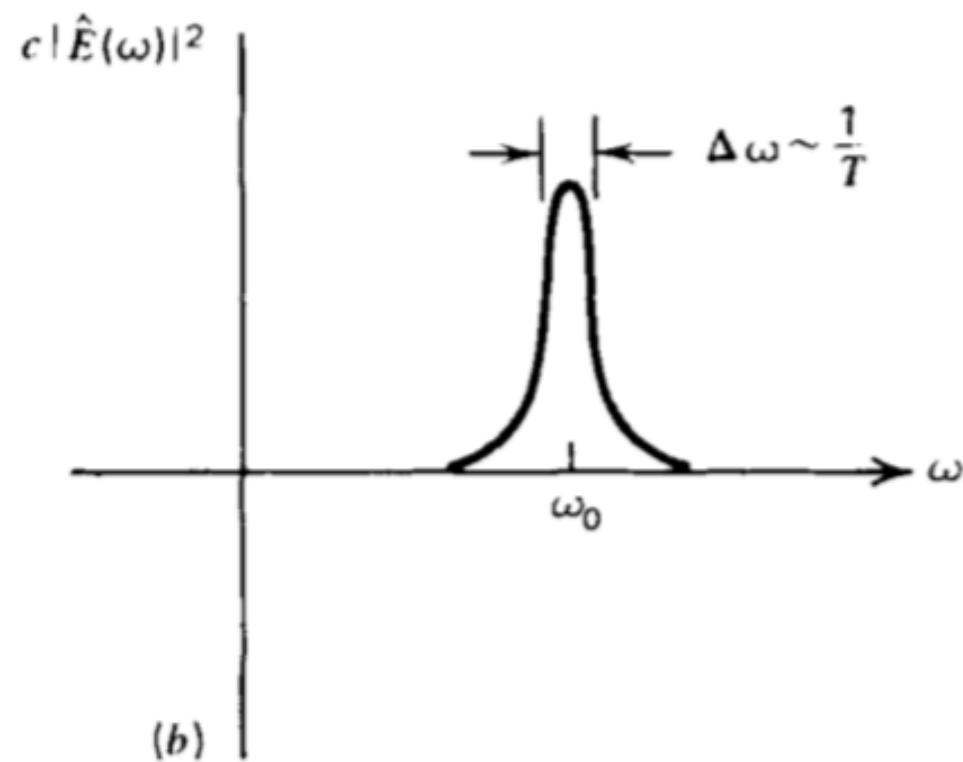


Figure 2.3b Power spectrum for a.

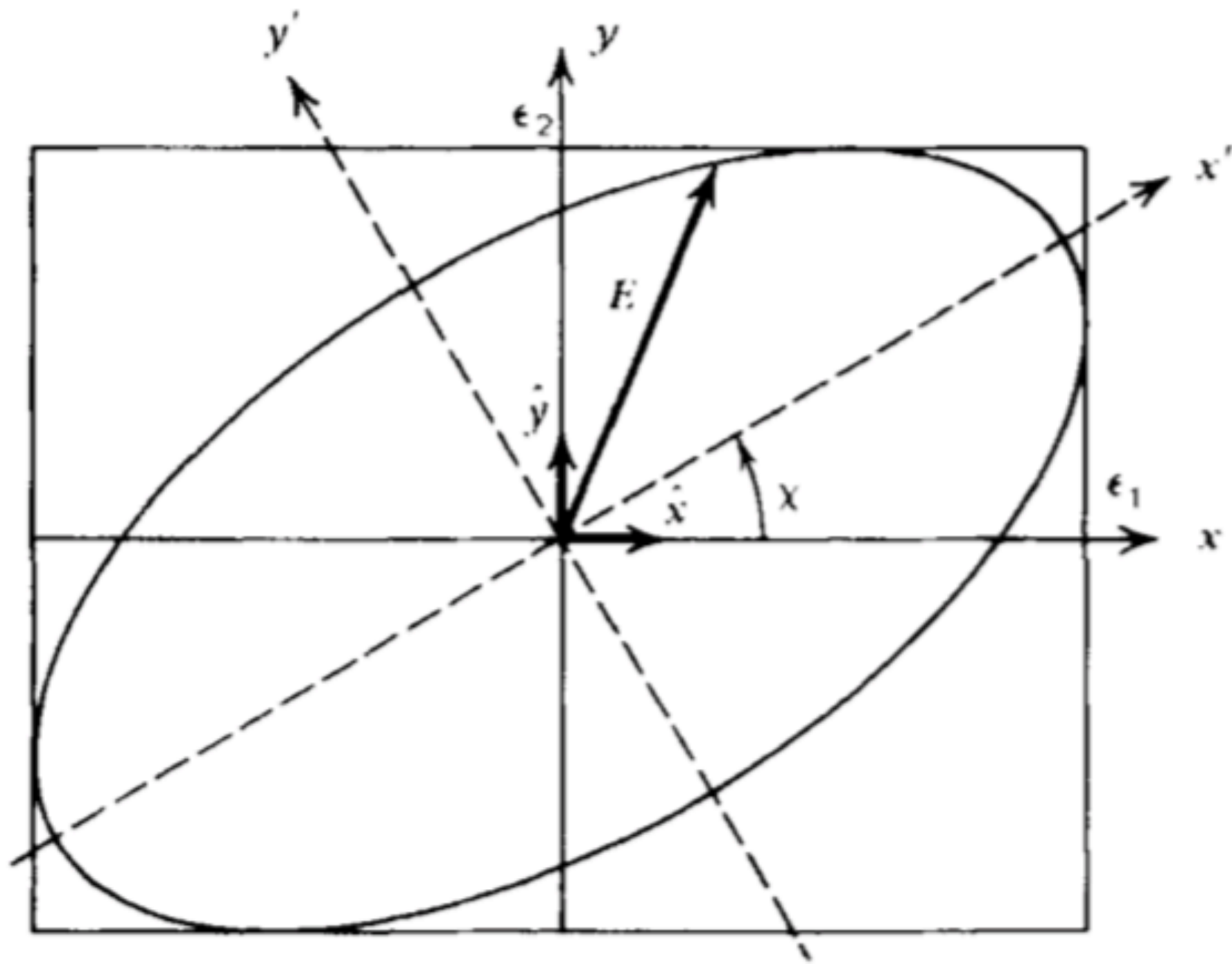


Figure 2.4 *Rotation of x and y electric field components through angle χ to coincide with principal axes of the polarization ellipse.*