

Ours 2: 
$$y(t) = e^{j(3t+JT/2)}$$

# we need to compute energy and power of the above signal.

we know that

$$|y(t)| = |e^{j(3t + \pi/2)}| = 1$$
 — 1

$$E_{\infty} = \int |y(t)|^2 dt = \int dt = \infty$$

$$P_{OR} = \lim_{T \to OR} 1 \int |y(t)|^2 dt$$

$$= \lim_{T \to \infty} \int_{2T}^{T} dt = 1$$