



### Example 11-5: Flip Property

As an example of the use of (11.49), suppose that we flip  $x(t)$  in time, i.e.,  $y(t) = x(-t)$ . We can show that the resulting Fourier transform is also flipped in frequency. Since  $y(t) = x(-t)$ , we use  $a = -1$  in (11.49) to get

$$Y(j\omega) = \frac{1}{|-1|} X(j(\omega/(-1))) = X(-j\omega)$$

