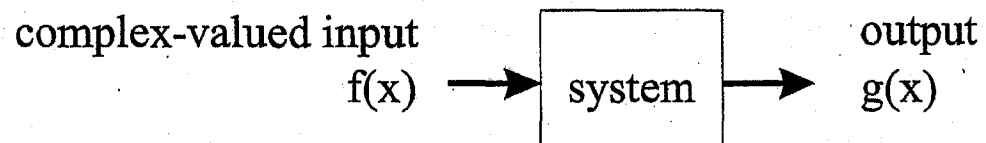


Consider



$$\text{Fourier transform}\{f(x)\} = F(s)$$

$$\text{Fourier transform}\{g(x)\} = G(s)$$

For each case below, is it possible to achieve that output? Explain.

