① Selecting the appropriate building block(s) from those below, design a system to achieve the output spectrum.

| time shift | → | integrator | → | time-reversal | → |

| low-pass filter | → | band-pass filter | → | high-pass filter | → |

| sampler mult by III(ax) | → | squarer $f^2(x)$ | → |

Input Spectrum   F(s)

s

Output Spectrum   G(s)

s