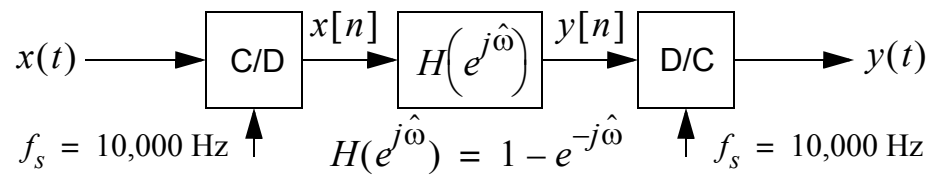


# Filtering Sampled Continuous-Time Signals



Consider the above analog input/analog output DSP system with

$$x(t) = 7 \cos(2\pi \cdot 500 \cdot t) + 20 \cos[2\pi \cdot 2000 \cdot t].$$

- Find  $x[n]$ ,  $y[n]$ , and  $y(t)$
-

