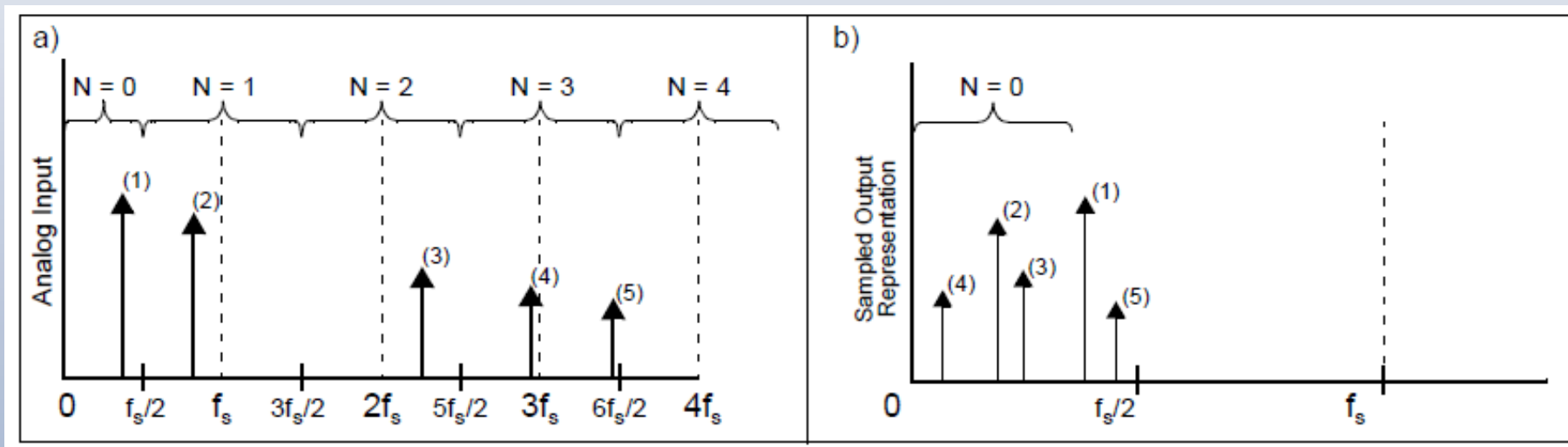
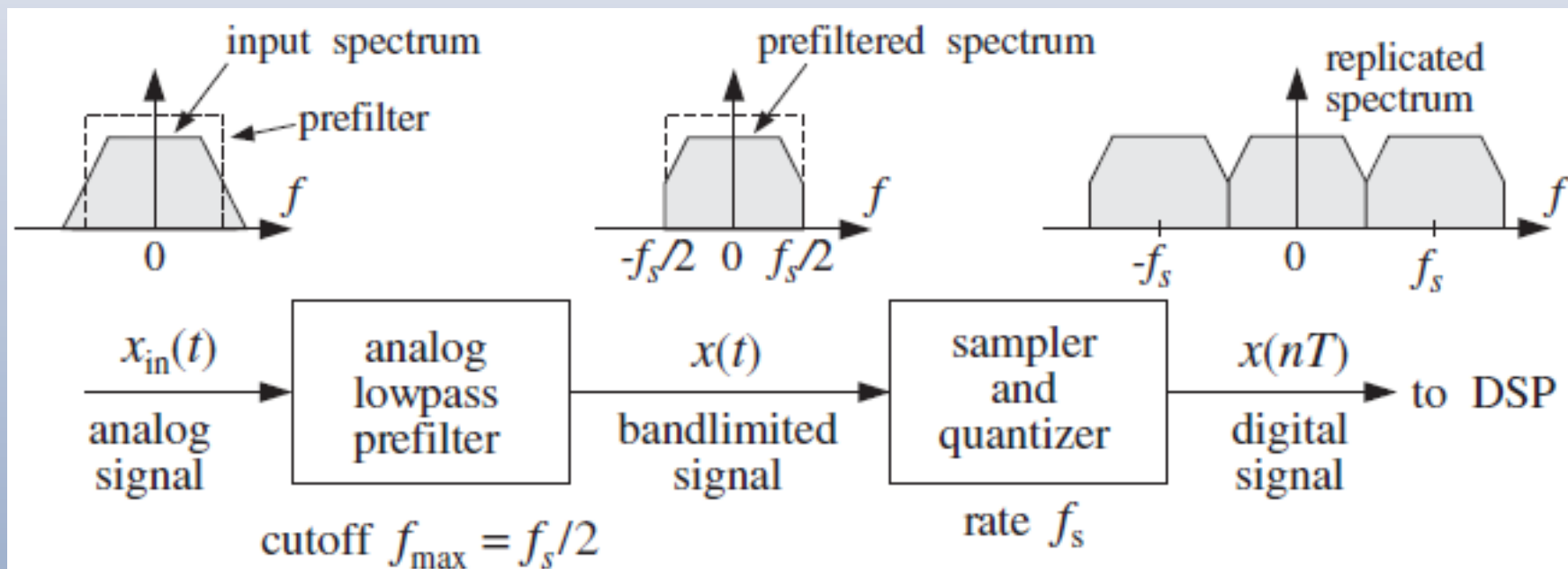
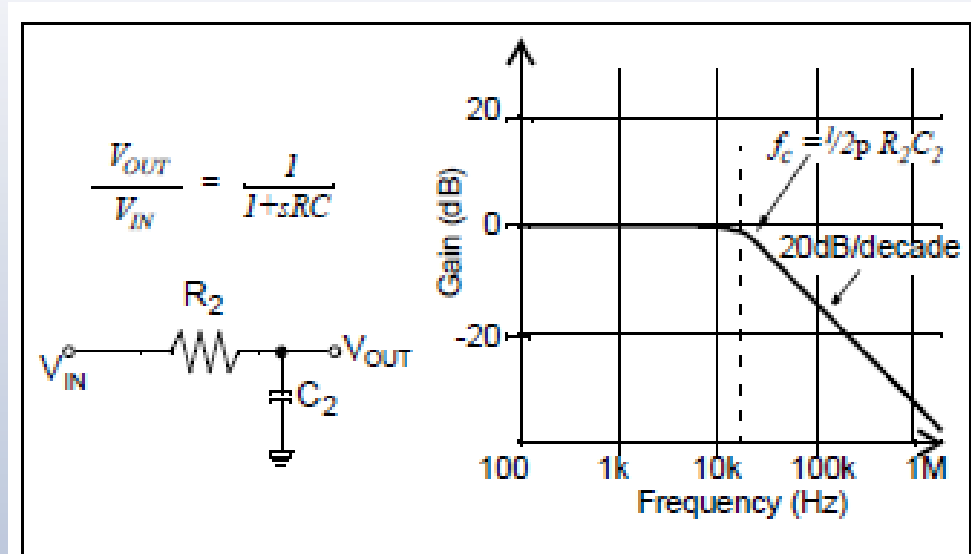


Filtro Antialiasing



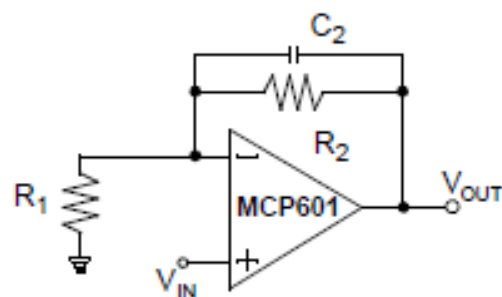
$$f_{ALIASED} = |f_{IN} - Nf_s|$$





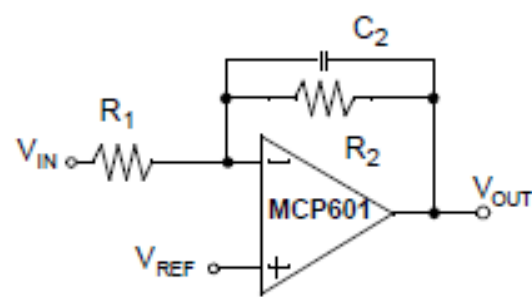
a. Single pole, non-inverting active filter

$$\frac{V_{OUT}}{V_{IN}} = \frac{1 + R_2/R_1}{1+sR_2C_2}$$



b. Single pole, inverting active filter

$$\frac{V_{OUT}}{V_{IN}} = \frac{-R_2/R_1}{1+sR_2C_2}$$



c. Frequency response of single pole non-inverting active filter

