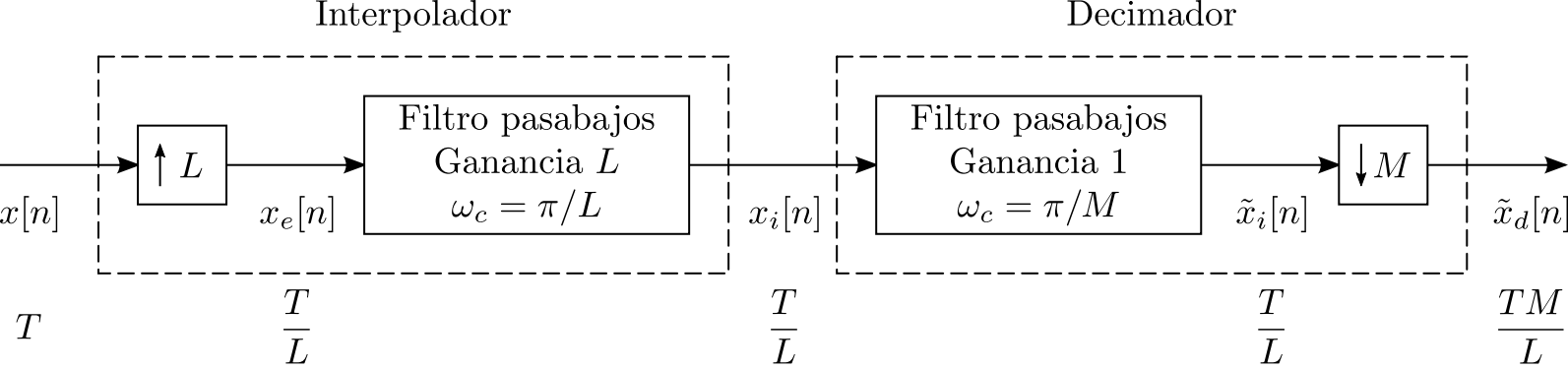
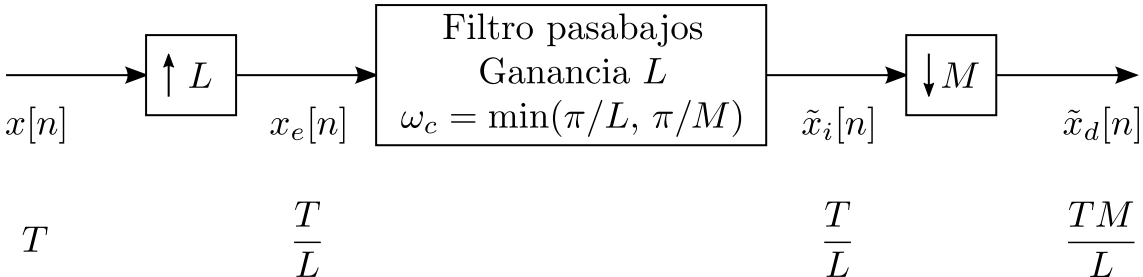

Interpolador
Decimador
$\uparrow L$
Filtro pasabajos
Ganancia L
$\omega_c = \pi/L$
Filtro pasabajos
Ganancia 1
$\omega_c = \pi/M$
$\downarrow M$
$x[n]$
$x_e[n]$
$x_i[n]$
$\tilde{x}_i[n]$
$\tilde{x}_d[n]$
T
$\frac{T}{L}$
$\frac{T}{L}$
$\frac{T}{L}$
$\frac{TM}{L}$


$\uparrow L$
Filtro pasabajos
Ganancia L
$\omega_c = \min(\pi/L,\, \pi/M)$
$\downarrow M$
$x[n]$
$x_e[n]$
$\tilde{x}_i[n]$
$\tilde{x}_d[n]$
T
$\frac{T}{L}$
$\frac{T}{L}$
$\frac{TM}{L}$