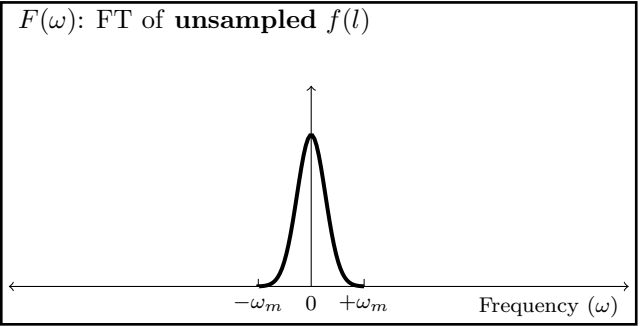
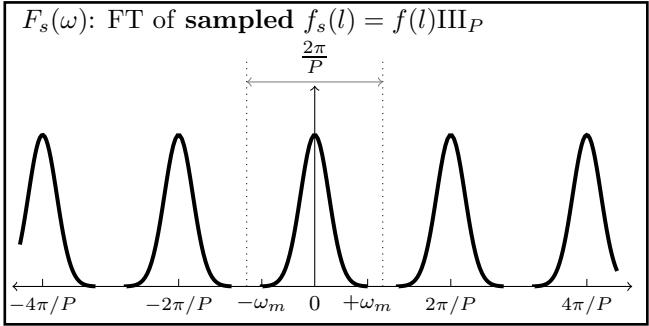

$F(\omega)$: FT of **unsampled** $f(l)$
$-\omega_m$
0
$+\omega_m$
Frequency (ω)


$F_s(\omega)$: FT of **sampled** $f_s(l) = f(l)\text{III}_P$
$\frac{2\pi}{P}$
$-4\pi/P$
$-2\pi/P$
$-\omega_m$
0
$+\omega_m$
$2\pi/P$
$4\pi/P$