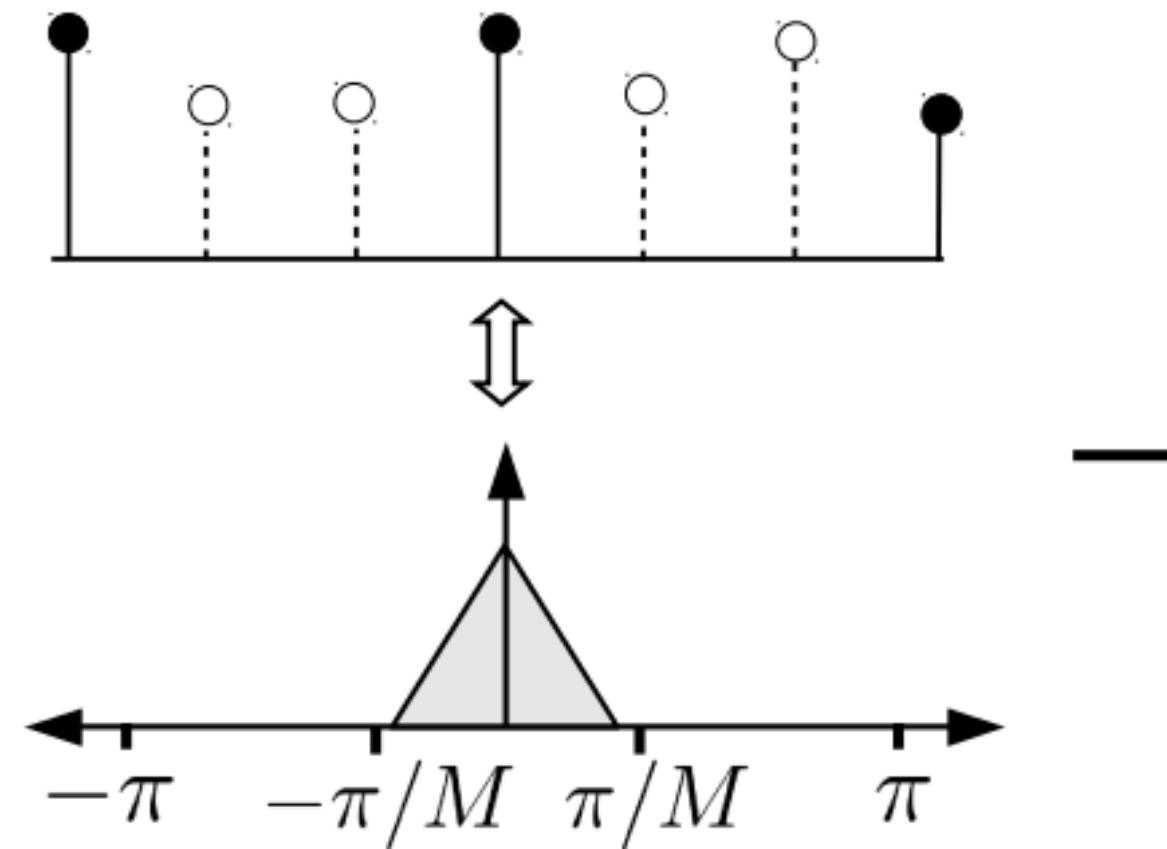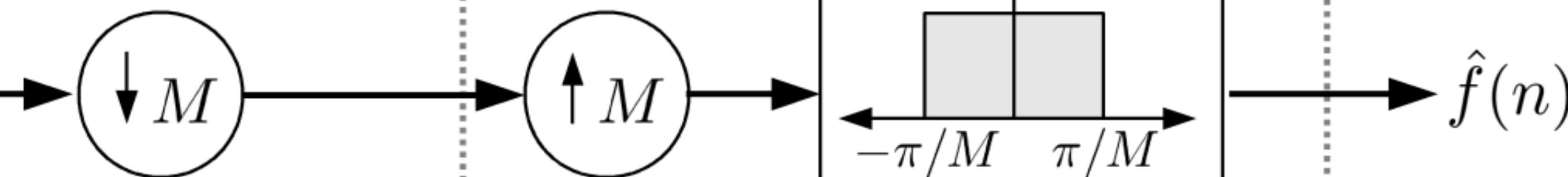Bandlimited signal $f(n)$

Down-sampling

Reconstruction

$\downarrow M$

$\uparrow M$

$-\pi/M$ π/M

$\hat{f}(n)$

$-\pi$ $-\pi/M$ π/M π