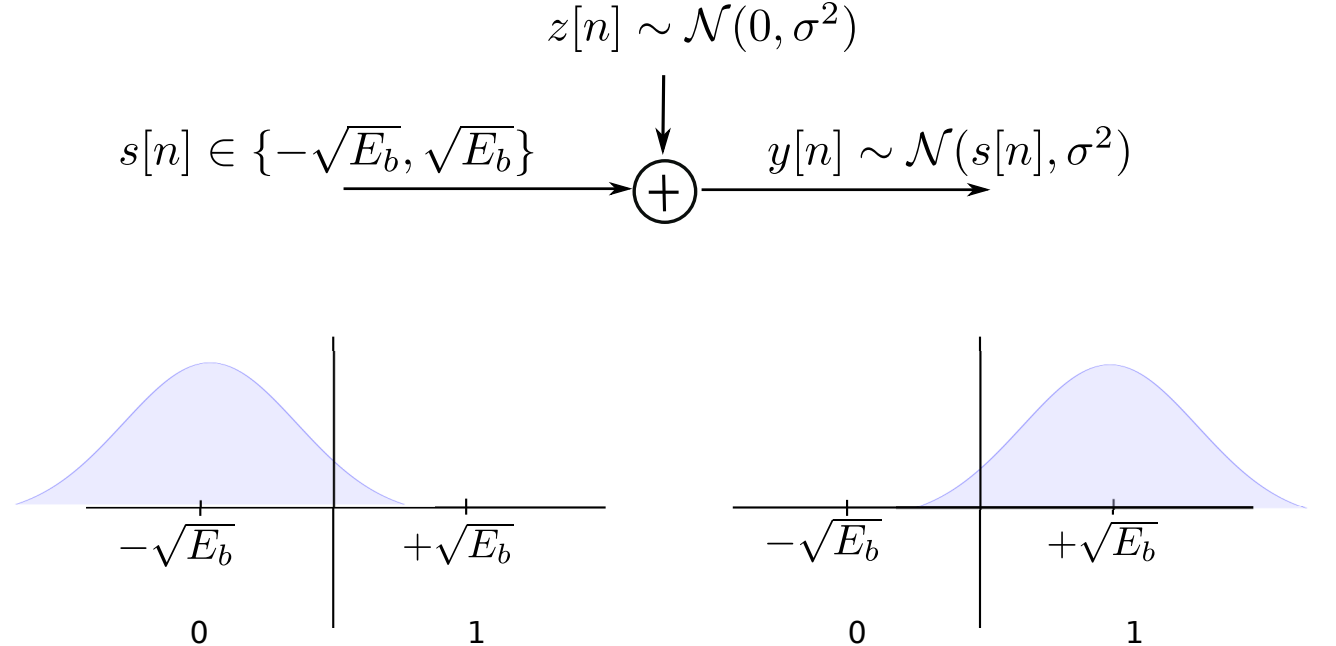
$z[n] \sim \mathcal{N}(0, \sigma^2)$
$s[n] \in \{-\sqrt{E_b}, \sqrt{E_b}\}$
$y[n] \sim \mathcal{N}(s[n], \sigma^2)$
$-\sqrt{E_b}$
$+\sqrt{E_b}$
0
1
$-\sqrt{E_b}$
$+\sqrt{E_b}$
0
1