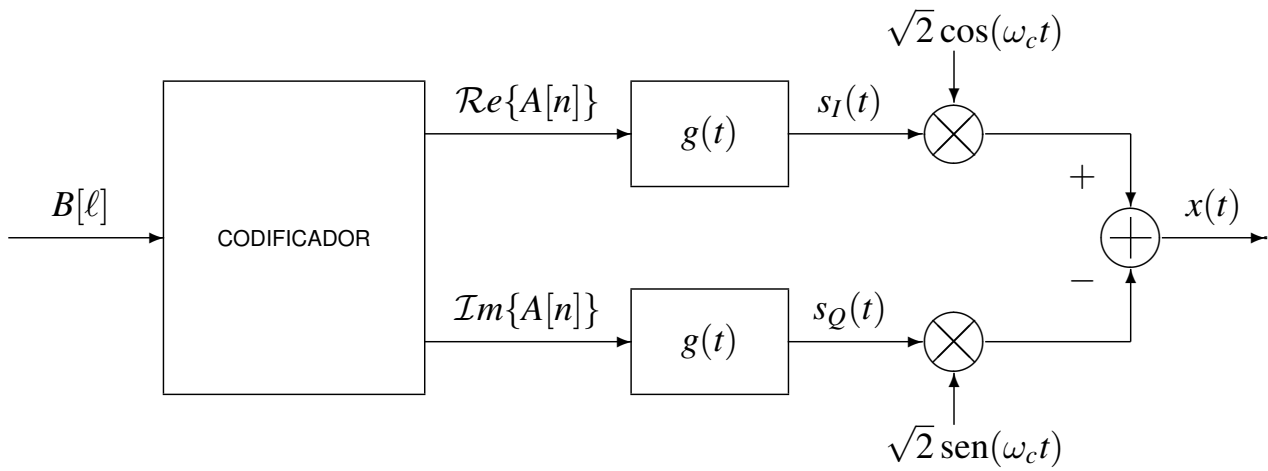
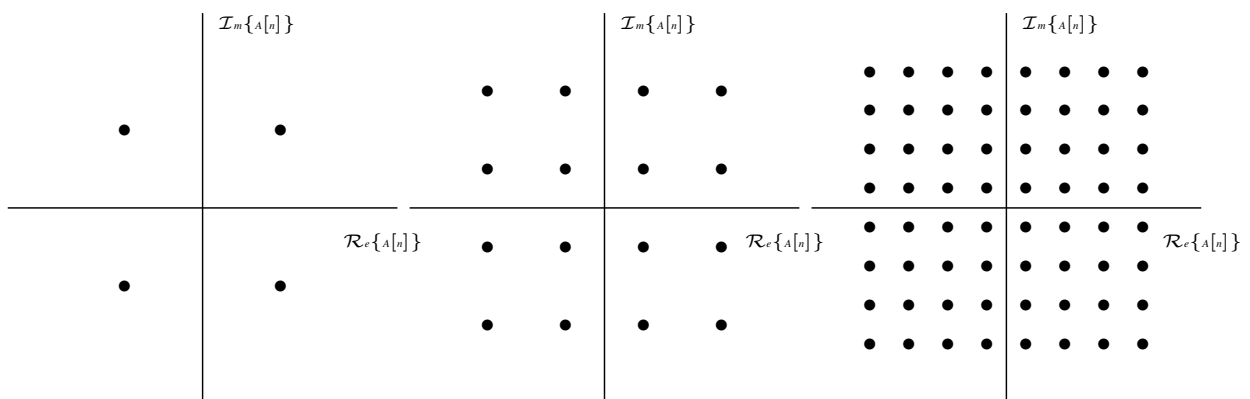


# Modulador PAM paso banda

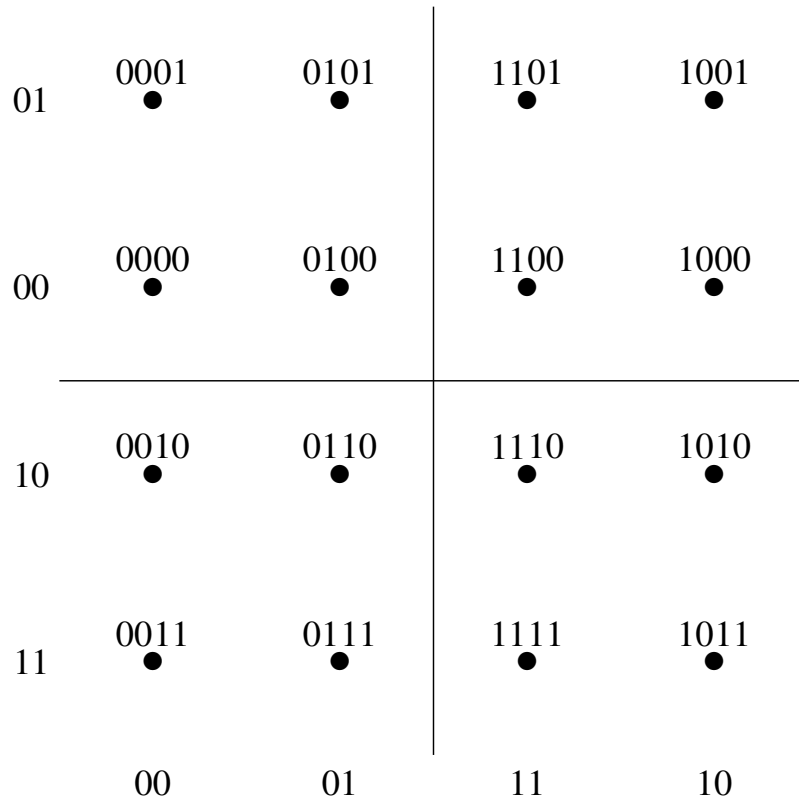


# Constelaciones QAM

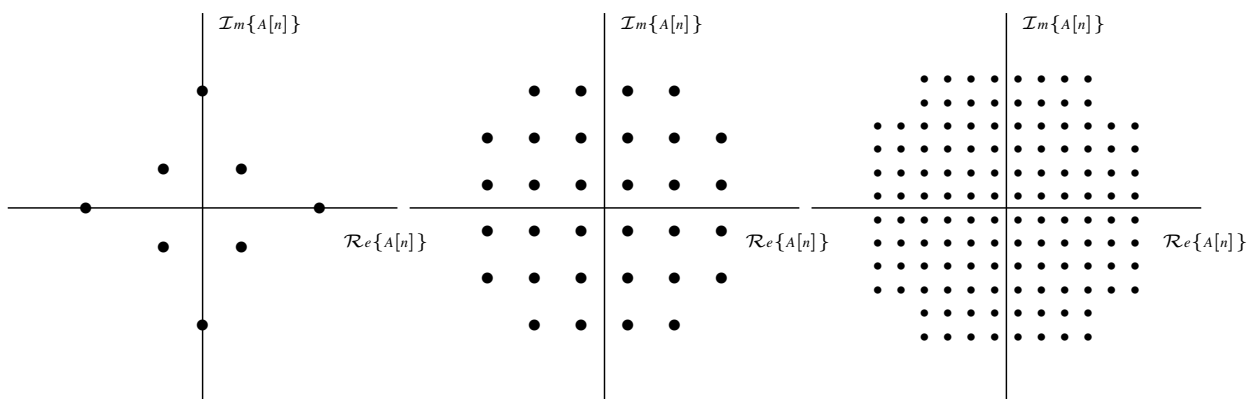


Constelaciones 4-QAM (QPSK), 16-QAM y 64-QAM

# Codificación Gray QAM

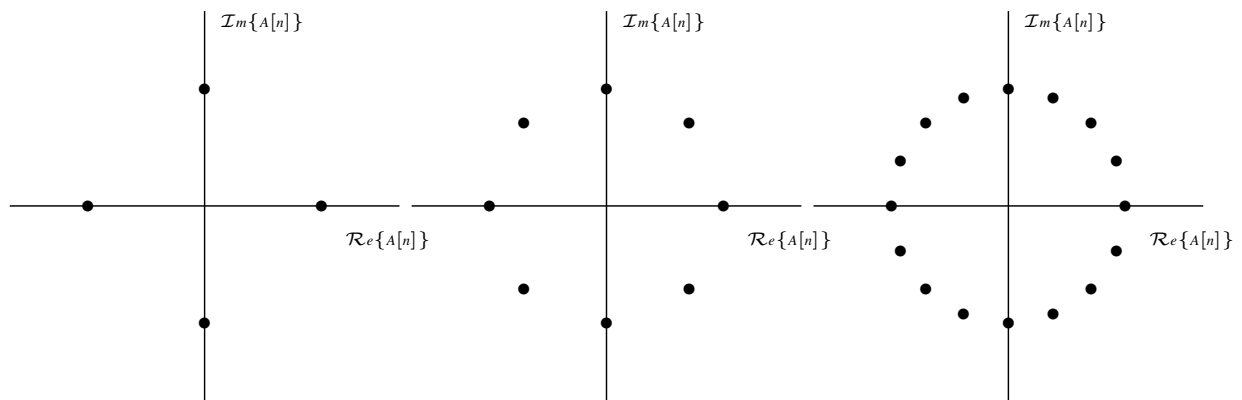


# Constelaciones QAM en cruz



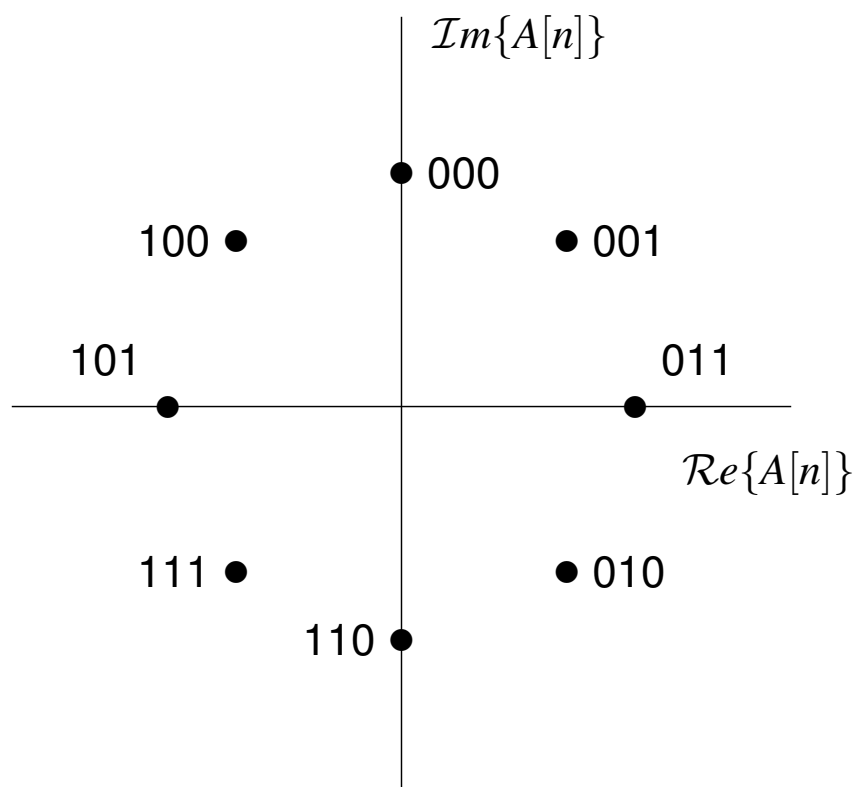
Constelaciones 8-QAM, 32-QAM y 128-QAM

# Constelaciones PSK

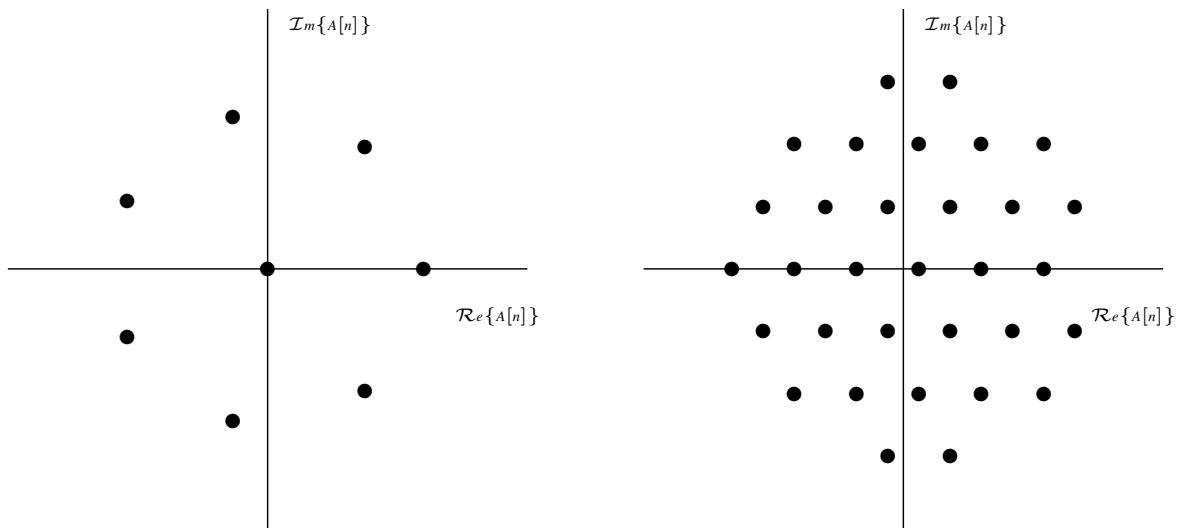


Constelaciones 4-PSK (QPSK), 8-PSK y 16-PSK

# Codificación Gray PSK

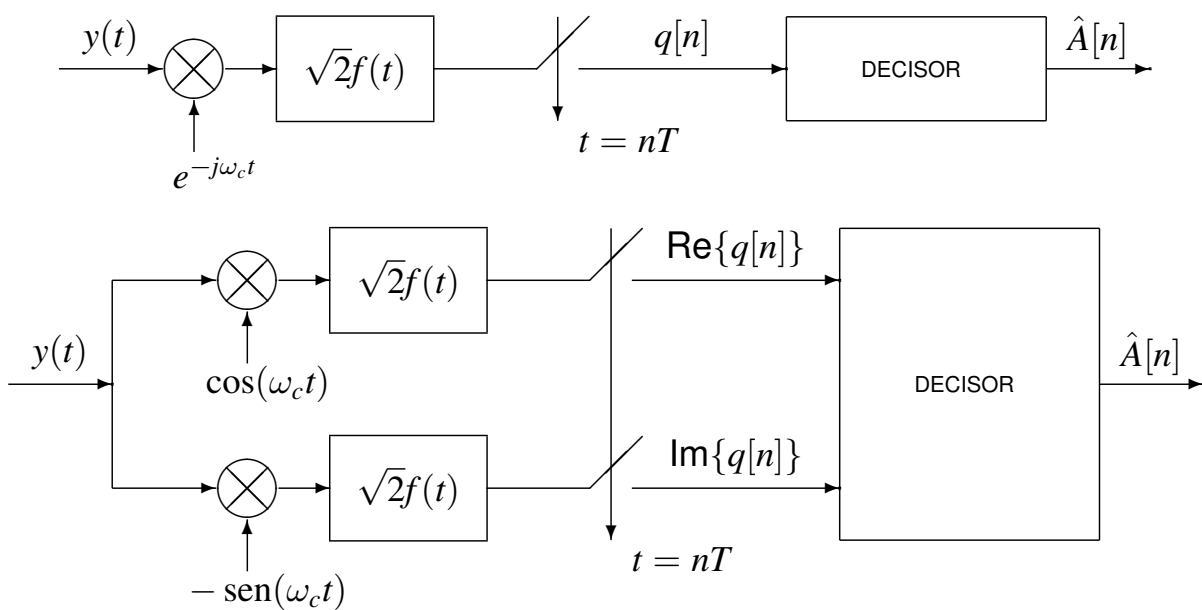


# Otras constelaciones

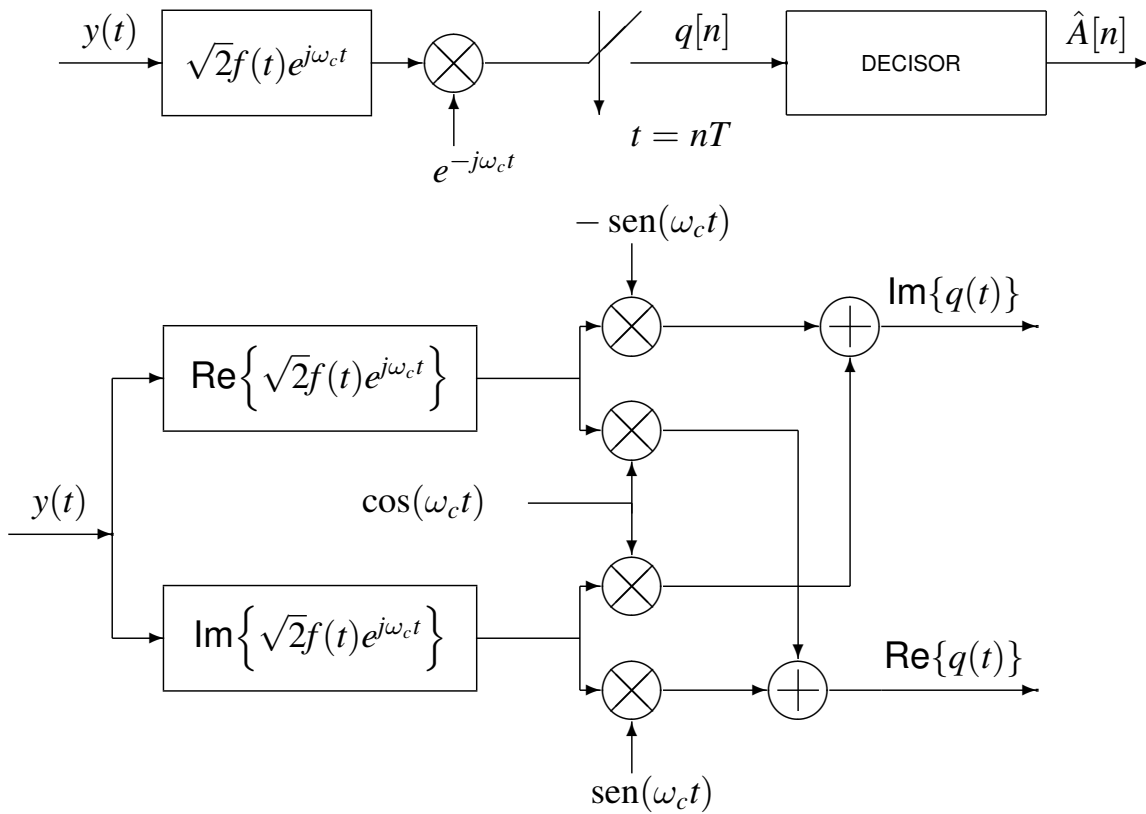


Constelaciones 1-7-AM-PM y 32-hexagonal

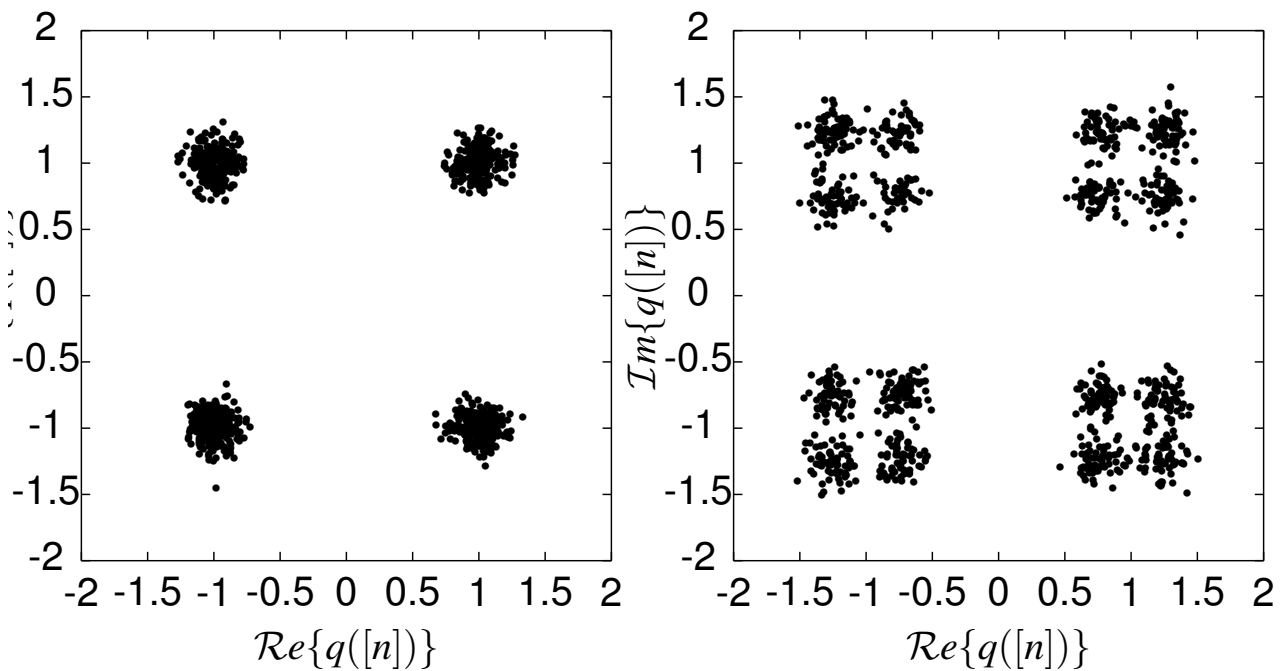
# Demodulador PAM paso banda



# Demodulador PAM paso banda



# Diagrama de Dispersion



$$p[n] = \delta[n]$$

$$p[n] = \delta[n] - 0,25\delta[n - 1]$$