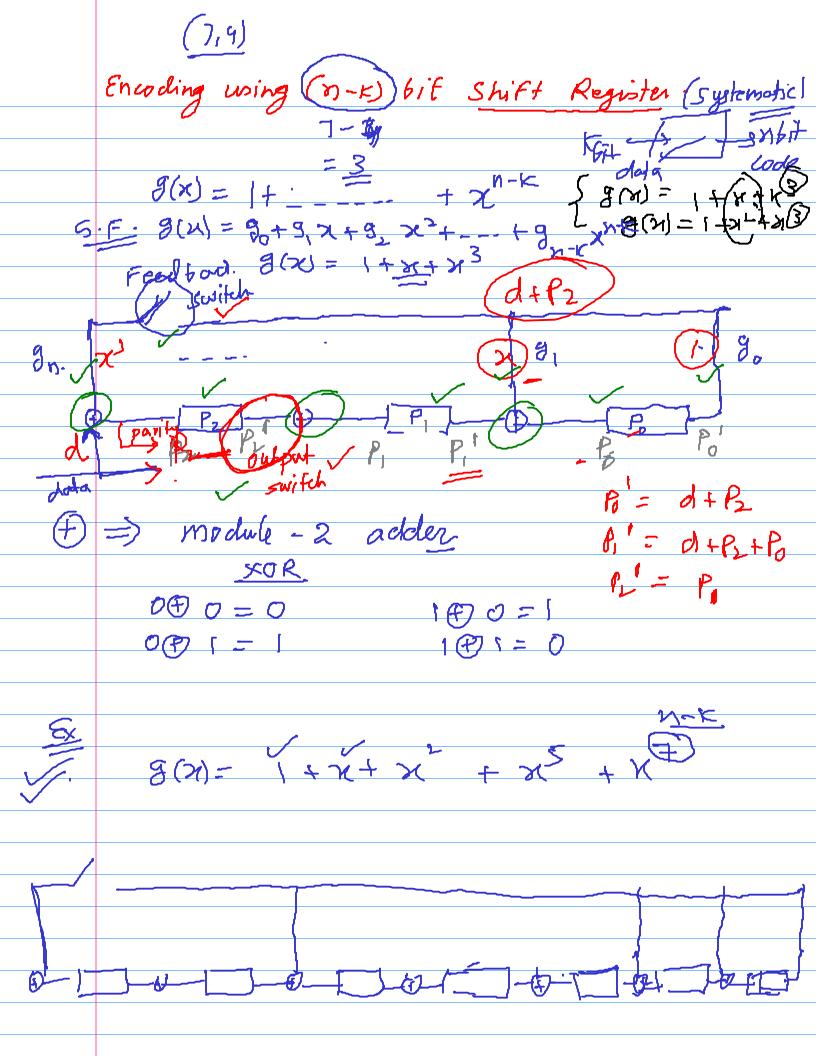


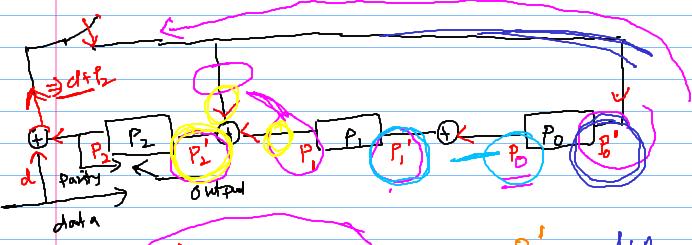
$$A = \begin{bmatrix} P & I_m \end{bmatrix}_{m \times n}$$

$$= \begin{bmatrix} I & 0 & I & I & I & 0 & 0 \\ I & I & I & D & 0 & I & 0 \\ I & 0 & I & I & D & 0 & I \end{bmatrix}$$

$$3 \times 3$$



$$g(x) = 1 + x^2 + x^3$$



$$P_0^{\dagger} = d + P_2$$

$$P_1^{\dagger} = P_0 + d + P_2$$

$$P_2^{\dagger} = P_1 + d + P_2$$