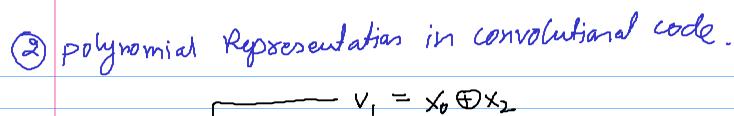
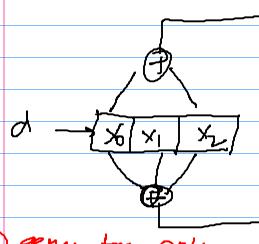


IP	\prec_{n}	×ı	٧ <u>٠</u>	٧,	V2
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	0	0	<u>+</u>	0	1
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1) generator polynomia V1 = X0 + X2

$$V_{\perp} = X_0 + X_1 + X_2$$

2 data polynomial.

3 code polynomial.

$$C_i(x) = d(x)g_i(x)$$

$$=(1+\chi^2)(1+\chi^2)$$

G(n)= d(n)g2(n)

$$= 1 + x + x^{3} + x^{4}$$

$$= 101 \implies \text{data (insth = 3)}$$

$$\text{code (n, k, m)} \implies (2, 1, 3)$$

$$x = 2, k = 1, \text{ dm = 3}$$

$$\text{Mos. of clock} \implies \text{ds + m - 1}$$

$$= 3 + 3 - 1$$

$$= (3)$$

$$C_{2}(x) = (1 + x) + (0, px + (0, px$$

= (14×1)(1+ M~)

= 1+ x2 + x+ x3 $=1+x+x^{2}+x^{3}$ C2(N) = d(n) 92(N) =(14x1)(K+1)= = 1+X+X2+X2+32 $= 1 + \chi^3$ C1(X) = 1+X+X2+X3 (CX) = (1, D+(1, 0)x+(1, 0)x+(1, 1)x3+(0, 0)x4 C = 1110101100