

Infocode gyakorlat

10-26

$$C(7,2) \quad n=7 \quad GF(p) = GF(2^4)$$

$$k=2$$

MDS

$$d_{\min} = n - k + 1$$

$$L = d_{\min} - 1$$

$$t = \left\lfloor \frac{L}{2} \right\rfloor = \left\lfloor \frac{d_{\min} - 1}{2} \right\rfloor$$

$$g(x) = \prod_{i=1}^{n-k} (x - \alpha_i)$$

$$C(2,2)$$

$$u(x) = 5x + 1 = (y^2 + 1)x + 1$$

$$1011 \cdot x + 1001$$

$$101001$$

$$C(x) = u(x) \cdot g(x)$$

$$0x^6 + 1x^5 + y^2x^4 + y^3x^3 + y^6 + \dots$$

$$V = (000 \ 001 \ 100 \ 100 \ 011 \ 101 \ 110 \ 011)$$

$$V(x) =$$

— itt egy nagy ábra volt :c