Cod Hemming detector in corector de o ersone

A=[1100] - bit de informatie m= 4 m. lihler de info 2 K 2 m + K + 1 => K K-nr bitiler de control 2°, 21, 2^{k-1} - positile bibles de control

 $P = \{ (1) \}$ = 1,2,4 -positive lister de control $\{ (2) \}$ = 2 $\{ (2) \}$ = 2 $\{ (2) \}$ =

 $\alpha_3 = 1$ $\alpha_5 = 1$ $\alpha_6 = 0$ $\alpha_7 = 0$

m=m+K-mhile de troumin

 $H V' = 0 = > C_{1}, C_{2}, C_{4} = ?$ $H - [3 \times 7]$ $V - [1 \times 7]$

 $\begin{bmatrix}
0 & 0 & 0 & 1 & 1 & 1 & 1 \\
0 & 1 & 1 & 0 & 0 & 1 & 1 \\
1 & 0 & 1 & 0 & 1 & 0 & 1
\end{bmatrix}
\begin{bmatrix}
C_1 \\
C_2 \\
1 \\
C_4
\end{bmatrix}
=
\begin{bmatrix}
0 \\
0 \\
0
\end{bmatrix}$

0 < 1 + 0 < 2 + 0 · 1 + 1 · 4 + 1 · 1 + 1 · 0 + 1 · 0 = 0 0 C1 + 1 C2 + 1 1 + 0 C4 + 0 1 + 0 + 0 = 0 1-C1 D O C2 D 1-1 D O C4 D 1-1 D O D 1-200

V=[0111100]

$$T_{x} \longrightarrow R_{x}$$

V

E

E - avoint receptionst

 $E - [1 \times u] [1 \times 7]$

If $E^{T} = Z = > por en$

Doca $Z = 0 = > Z - en$

Doca $Z = 0 = > Z - en$

Doca $Z = 0 = > Z - en$

Doca $Z = 0 = > Z - en$

Le potifia data de $Z = Z - en$

1 E=[0011100] $2 \cdot E = [1011100]$ HET= => 7= [] 28.3 Ec=[1001100] ne rendeate Iwarea dutte //

Cod Homming détector de evoir pare in corcetor de o ervari

A = [1100] m = 4 $2^{K} > m + K + 1$ K = 3 $V_{2} = [C_{0} C_{1} C_{2} \alpha_{3} C_{4} \alpha_{5} \alpha_{6} \alpha_{7}]$ II = [000011117]

 $a_3 = 1$ $a_5 = 1$ $a_6 = 0$ $a_7 = 0$ a

3

(2)
$$2c = 0$$
 |=> $\frac{7}{3}$ o ervare pe positione libralie de positione (Econold)