$$\frac{1}{\sqrt{2}} = \frac{1}{\sqrt{2}} = \frac{$$

Performance of codes

duin min d(z,cl) - capaloility: duin 1

z+cl

the convertion

capaloility

telduin-1

telduin-1

Assume that a sent conved detaction of

d(z,c) = d(z,c) - d(z,c)

2 d(z,c) = duin

t = cuin | d(z,c) - d(z,c) | d(z,c) | d(z,c) |

2 d(z,c) = duin

t = cuin | d(z,c) - d(z,c) | d(z,c) | d(z,c) |

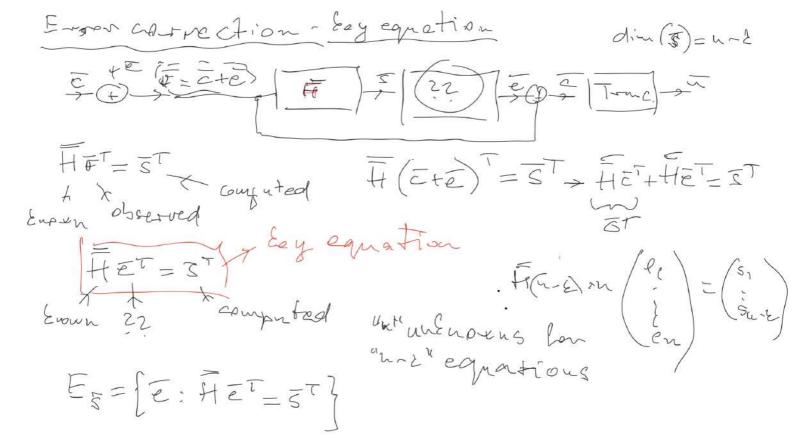
Binory divenily codes $G = \{g^{(i)}, \overline{g}^{(i)}\} - \overline{g}^{(i)}\} \quad \text{dim}(\overline{g}^{(i)}) = n, \quad i=1,..., E$ $G = \text{def}(G) \rightarrow \overline{c} = \overline{Z} = uig^{(i)} \rightarrow \overline{c} = \overline{u}\overline{G}$ $Generator water <math>\overline{G}_{ext} = \left(\frac{g^{(i)}}{g^{(i)}}\right) \rightarrow \overline{c} = \overline{u}\overline{G}$ $(c, \epsilon_2, ..., c_n) = (u_1, ..., u_E) \left(\overline{G}_{ext}\right)$ $Technological cot importance <math display="block">\frac{g^{(i)}}{g^{(i)}} \rightarrow \overline{G}_{ext} \rightarrow \overline{G}_{ext}$ $1 \rightarrow \frac{g^{(i)}}{g^{(i)}} \rightarrow \overline{G}_{ext} \rightarrow \overline{G}_{ext}$

.

Systematic codes:
$$Z = (a_1 - a_2, Perpotern)$$
 $G_{2xx} = (\overline{I}_{2xk}, \overline{B}_{2xk}(n-k))$
 $G_{2xx} = (\overline{I}_{2xk}, \overline{B}_{2xk}(n-k))$
 $G_{2xx} = (10.110)$
 $G_{2xx} = (10.110)$

dinear Et GC + Etcl Etl duin = Wuin, dmin: min d(E, E)~min w(EtE)~ Etcl E'GC E'GC E'HO Panity check matrix: Finsxn: Fict = ot told E'DF FI = 5 0 moly

$$\begin{array}{lll}
\overline{H} \, \overline{G} \, \overline{=} \, \overline{O} \, \overline{\longrightarrow} \, \overline{H} \, \overline{G} \, \overline{G} \, \overline{\longrightarrow} \, \overline{G} \,$$



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