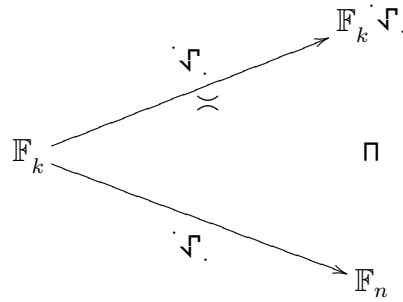


$$\mathbb{F} = \mathbb{F}_q$$

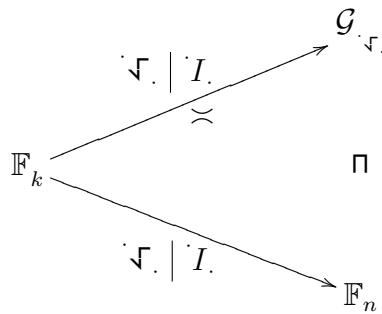
$$\#\mathbb{F} = q$$

$\mathbb{F}_k \ni \mathbf{r} = [r_1 \ \dots \ r_k]$ Prüfzeichen



$A \in {}^k\mathbb{F}_n$ Kontrollmatrix

$$A \cdot \mathbf{r} = 0 \in {}^k\mathbb{F}_\ell$$



$A \in {}^k\mathbb{F}_\ell$ Prüfmatrix

$$A \mid I \cdot \frac{I}{-A} = A \cdot I - I \cdot A = 0$$