Matrix Code Equivalence

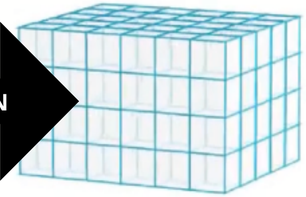
symmetry

Viewed as a 3-tensor, we can see $\mathscr{C}$ from three directions

- an k-dimensional code in $\mathbb{F}_q^{m \times n}$
- an m-dimensional code in $\mathbb{F}_q^{n \times k}$
- an n-dimensional code in $\mathbb{F}_q^{m \times k}$

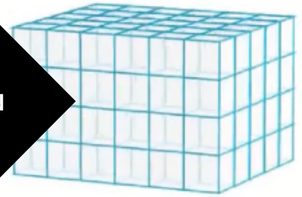
$$\mathscr{C} \subseteq \mathbb{F}_q^{m \times n \times k}$$

TODO: ANIMATION



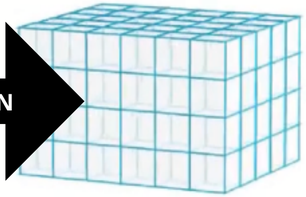
$$\mathscr{C} \subseteq \mathbb{F}_q^{m \times n \times k}$$

TODO: ANIMATION



$$\mathscr{C} \subseteq \mathbb{F}_q^{m \times n \times k}$$

TODO: ANIMATION



From MCE to MEDS