

Matrix Code Equivalence



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matrix code

A k -dimensional subspace $\mathcal{C} \subseteq \mathbb{F}_q^{m \times n}$ equipped with the *rank metric*

$$d(C_1, C_2) = \text{Rank}(C_1 - C_2) \quad C_1, C_2 \in \mathcal{C}$$