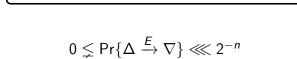
$$E: \mathbb{F}_2^n \to \mathbb{F}_2^n$$

$$0 < \Pr\{\Lambda \stackrel{E}{\rightharpoonup} \nabla\} = 2^{-n}$$



$$q = \Pr\{\nabla_2 \xrightarrow{E_1} \nabla_3\}$$
 $\nabla_2 \longrightarrow E_1$

$$p = \Pr\{\Delta_1 \xrightarrow{E_0} \Delta_2\}$$
 $\Delta_1 \longrightarrow E_0 \longrightarrow \Delta_2$
 $q = \Pr\{\nabla_2 \xrightarrow{E_1} \nabla_3\}$

$$\mathsf{Pr}\{p_3\oplus p_4=\Delta_1\}=p^2q^2$$