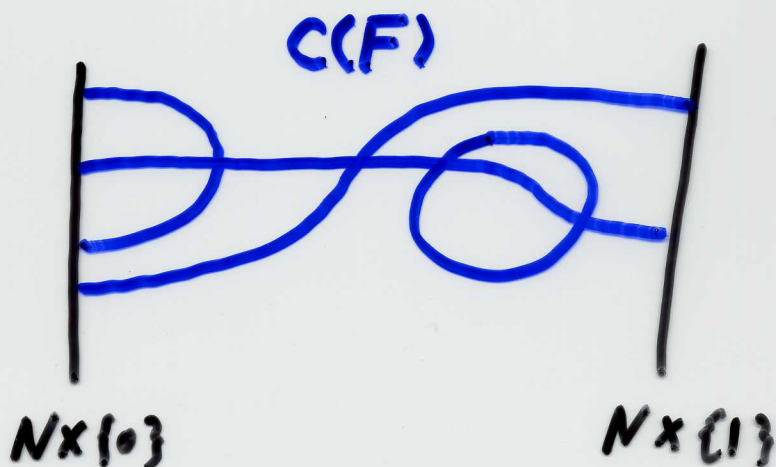


(proof)

$$\forall [C] \in H^k(\mathcal{T}(n+1, p+1), \rho_{n+1, p+1})$$

$$\bar{C} := S_k^*(C) \in C^k(\mathcal{T}(n, p), \rho_{n, p})$$

$$\Rightarrow \partial C(F) = \bar{C}(f_1) \times \{1\} - \bar{C}(f_0) \times \{0\}$$



C: cocycle

$$\Rightarrow [\bar{C}(f_0)] = [\bar{C}(f_1)] \text{ in } H_{p-k}^c(N; \mathbb{Z}_2)$$

$$\therefore \varphi_{f_0}(S_k^*[C]) = \varphi_{f_1}(S_k^*[C])$$

//