What is the geometric meaning of the cohomology $H^*(\tau, \rho)$?

Def. $f : M \to N$ proper Thom map

f is a τ-map

$\Leftrightarrow$ $f^{-1}(y) \in \tau$ $(\forall y \in N)$

Def. $c = \sum n_{\mathcal{F}} \mathcal{F} \in C^k(\tau, \rho)$

$$c(f) := \overline{\{y \in N \mid f^{-1}(y) \in \mathcal{F} \text{ with } n_{\mathcal{F}} \neq 0\}}$$

Lemma (1) c : cocycle $(\delta_k(c) = 0)$

$\Rightarrow$ $c(f)$: cycle $(\dim = \dim N - k)$

(2) $c \sim c'$ cohomologous

$\Rightarrow$ $c(f) \sim c(f')$ homologous