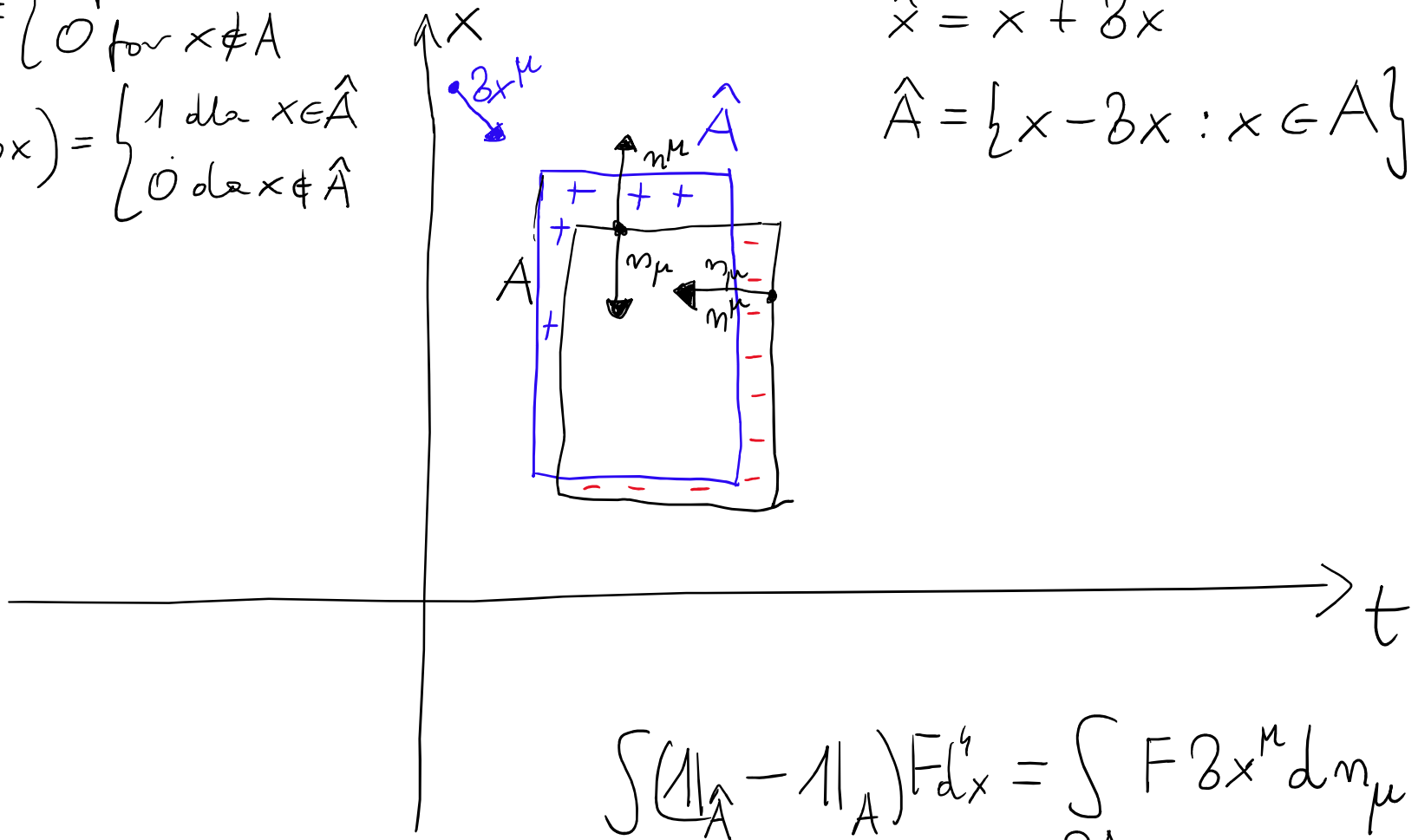
$$\phi(x) = \begin{cases} 1 \text{ for } x \in A \\ 0 \text{ for } x \notin A \end{cases}$$

$$\phi(x+\delta x) = \begin{cases} 1 \text{ dla } x \in \hat{A} \\ 0 \text{ dla } x \notin \hat{A} \end{cases}$$



$$\hat{x} = x + \delta x$$

$$\hat{A} = \{x - \delta x : x \in A\}$$

$$\int (1_{\hat{A}} - 1_A) F d^4x = \int_{\partial A} F \delta x^\mu d n_\mu$$