

Def 4.4  $T = T(n, p) \cup T(n+1, p+1)$

$f_i : M_i^n \rightarrow N^p$  ( $i=0,1$ ):  $T(n,p)$ -maps

$\uparrow$  closed

**TARGET is FIXED!**

$f_0$  &  $f_1$  are  $T$ -cobordant

$\Leftrightarrow \exists W^{n+1}$  : cpt. s.t.  $\partial W^{n+1} = M_0 \sqcup M_1$

$\exists F : W^{n+1} \rightarrow N^p \times [0,1]$

$T(n+1, p+1)$ -map

s.t.  $F|_{\text{collar ubd of } M_i}$

= suspension of  $f_i : M_i \rightarrow N \times \{i\}$

( $i=0,1$ )

