

$\#(N) = \frac{|T|}{2^{-nN}} = 2^{nN} |T|$ and $\# \frac{1}{V(N)} f_{k,N} \rightarrow A$
 $\sum_{k=1}^{|T|} f_{k,N}$ \downarrow volume of each $f_{k,N} \frac{1}{N} f_{k,N} \rightarrow A$
 as $N \rightarrow \infty$

then chain $\sum_{n=1}^N f_{n,N} \rightarrow A$

well $\left| \sum_{n=1}^N f_{n,N} - A \right| + \left(f_{n,N} - \frac{A}{N} \right)$

$= \left| \sum_{n=1}^N \right|$

$(N f_{n,N} \rightarrow A)$

Volume = 2^{-nN}

$\frac{1}{2^{-nN}} f_k$
 \downarrow volume
 Volume of each $\frac{1}{2^{-nN}} f_k$

n : spacing have $\frac{|T|}{2^{-nN}}$ subsets.

$\frac{|T|}{2^{-nN}}$

$\sum_{k=1}^{|T|} f_{k,n}$ \downarrow k goes over all subsets.
 have $\frac{1}{2^{-nN}} f_{k,n} \rightarrow A$ weakly

then \sum this sum $\rightarrow A$