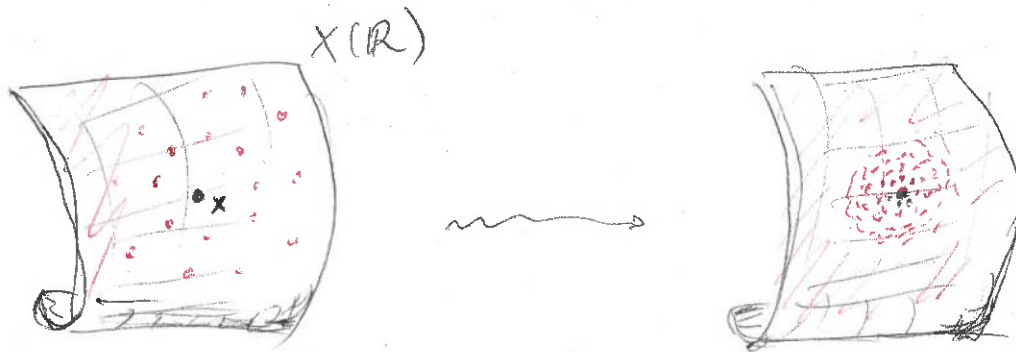


# Local Distribution

(5)

$X/Q$  smooth projective of dimension  $n$

\*  $X(\mathbb{R})$  smooth real manifold - assume of dim.  $n$

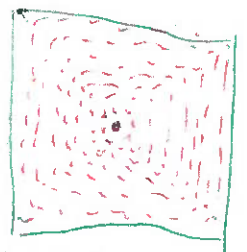
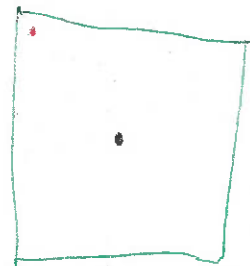


$$y \in X(Q) \quad H(y) \leq B$$

$$y \in X(Q) \quad H(y) \leq 10B$$

$S$   $\downarrow$  project onto  $T_x X \cong \mathbb{R}^n$   
 $\cong t \mapsto$

$\downarrow$  project onto  $T_x X$  and "zoom in"  
 by a factor  $B^{1/r}$



$r$  "mid range"

