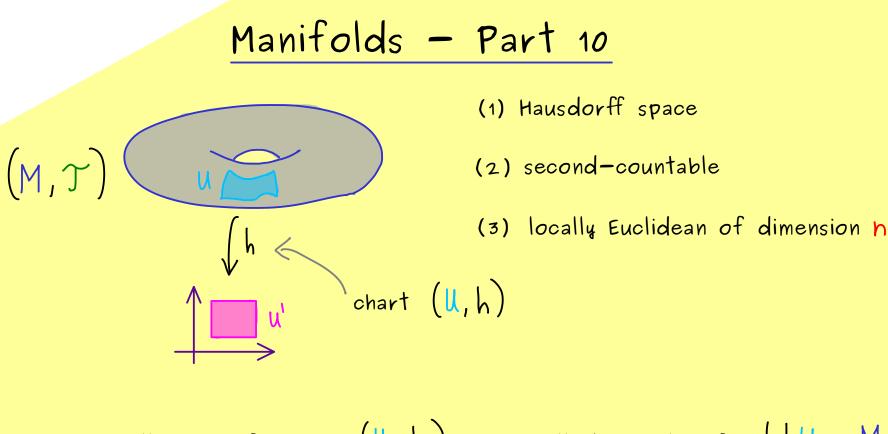
ON STEADY

The Bright Side of Mathematics





Definition: A collection of charts
$$(U_i, h_i)_{i \in I}$$
 is called an atlas if: $\bigcup U_i = M_i$
i $\in I$

$$\begin{array}{c} \mathcal{S} \subseteq \mathbb{I} \\ \mathcal{S} \subseteq \mathbb{I} \\ \mathcal{S} = \mathbb{$$

$$(U_{i,\pm}, h_{i,\pm})_{i \in \{1,2,3\}}$$
 is an atlas.