

$$\mathbb{C}_n^{\mathbb{C}} \times_{\mathbb{H}} \mathbb{H} \sqsubset_{\mathbb{H}} \mathbb{R}_C^{2n} \times_{\mathbb{H}} \mathbb{H}$$

$\mathcal{J}$  a-compl

$$\mathbb{C}_n^{\mathbb{C}} \times_{\mathbb{H}} \mathbb{H} = \bigcup_{\alpha} \mathbb{C}_n^{\mathbb{C}} \times_{\mathbb{H}} \mathbb{H} \times_{\alpha} \text{int}$$

$$\mathbb{H} | \mathcal{J} \text{ int} = \text{compl} \Leftrightarrow \text{tor} = 0$$

$$\mathbb{U}_n^{\mathbb{C}} \times_{\mathbb{H}} \mathbb{H} \sqsubset_{\mathbb{H}} \mathbb{R}_C^{2n} \times_{\mathbb{H}} \mathbb{H}$$