

$$\mathbb{H}_{\infty}^{\mathbb{H}}(\mathbb{H}_{\infty}^{\mathbb{H}}\mathbb{C}^{\vee}) = \mathbb{H}_{\infty}^{\mathbb{H}}(\mathbb{H}_{\infty}^{\mathbb{H}}\mathbb{C}^{\circ}) \times \mathbb{H}_{\infty}^{\mathbb{H}}(\mathbb{H}_{\infty}^{\mathbb{H}}\mathbb{C}^{\vee}) = \sum_m^{0|n} \mathbb{H}_{\infty}^{\mathbb{H}}(\mathbb{H}_{\infty}^{\mathbb{H}}\mathbb{C}^m)$$

$$\mathbb{H}_{\infty}^{\mathbb{H}}(\mathbb{H}_{\infty}^{\mathbb{H}}\mathbb{C}^{\circ}) = \mathbb{C}^{\text{Zush-Komp}}$$

$$\mathbb{H} \text{ zush} \Rightarrow \mathbb{H}_{\infty}^{\mathbb{H}}(\mathbb{H}_{\infty}^{\mathbb{H}}\mathbb{C}^{\circ}) = \mathbb{C} \Rightarrow \mathbb{H}_{\infty}^{\mathbb{H}}(\mathbb{H}_{\infty}^{\mathbb{H}}\mathbb{C}^{\vee}) = \mathbb{C} \times \mathbb{H}_{\infty}^{\mathbb{H}}(\mathbb{H}_{\infty}^{\mathbb{H}}\mathbb{C}^{\vee})$$

$$\mathbb{R}^n_{\infty} \mathbb{R}^n_{\infty} \mathbb{C}^{\vee} = 0$$

$$\mathbb{S}^n_{\infty} \mathbb{S}^n_{\infty} \mathbb{C}^{\vee} = \mathbb{S}^n_{\infty} \mathbb{S}^n_{\infty} \mathbb{C}^n = \mathbb{C} \sum_m^{0|n} (-1)^m \underline{\nu}^0 \otimes \underline{\nu}^m \otimes \underline{\nu}^n$$

$$\Sigma_g_{\infty} \Sigma_g_{\infty} \mathbb{C}^{\vee} = \Sigma_g_{\infty} \Sigma_g_{\infty} \mathbb{C}^1 \times \Sigma_g_{\infty} \Sigma_g_{\infty} \mathbb{C}^2 = {}_{2g}\mathbb{C} \times \mathbb{C}$$

$$\mathbb{H} \text{ comp conn } \mathbb{H}_{\infty}^{\mathbb{H}}(\mathbb{H}_{\infty}^{\mathbb{H}}\mathbb{C}^n) = \mathbb{C}^{\text{Orient}}$$

$$0 < \mathfrak{A} \in \mathbb{H}_{\infty}^{\mathbb{H}}(\mathbb{H}_{\infty}^{\mathbb{H}}\mathbb{C}^n) \Rightarrow \mathfrak{A} \text{ not exact}$$

$$\zeta \begin{cases} \forall \mathfrak{A} \in \mathbb{H}_{\infty}^{\mathbb{H}}(\mathbb{H}_{\infty}^{\mathbb{H}}\mathbb{C}^{n-1}) \\ \mathfrak{A} = d\mathfrak{A} \end{cases} \Rightarrow 0 < \int \mathfrak{A} = \int d\mathfrak{A} = \int \mathfrak{A} = 0 \zeta$$

$${}^1\mathbb{R}_{1+n}^{\mathbb{C}} \mathbb{R}_n_{\infty} \mathbb{C}^{\vee} = {}^1\mathbb{R}_{1+2m+\varepsilon}^{\mathbb{C}} \mathbb{R}_{2m+\varepsilon}^{\mathbb{C}} \mathbb{C}^{2m+\varepsilon} = \mathbb{C}^{\varepsilon}$$