

proj manifold  $\bar{h}^n \subset \mathbb{P}^N$

Kodaira genus  $k$

$$\dim_{\mathbb{C}} \bigwedge_{\omega}^{\nu} \bar{h}^{\nu} \bar{h}^n \simeq \nu^k$$

$$\bar{h} \text{ curve} \Rightarrow \begin{cases} \bigwedge_{\omega}^{\nu} \bar{h}^{\nu} \bar{h}^n = 0 & g = 0 \\ \bigwedge_{\omega}^{\nu} \bar{h}^{\nu} \bar{h}^n \simeq \nu^{g-1} & g > 0 \end{cases}$$