

Title

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Question: how do we define $h_{V,D}$?

Answer: write $D = D_1 - D_2$ which are (very) ample divisors and basepoint free. We then obtain an embedding

$$\varphi_1 : V \hookrightarrow \mathbb{P}^{n_1} \varphi_2 : V \hookrightarrow \mathbb{P}^{n_2}$$