## Exercises

- (1) Show that for general  $\phi_0, ..., \phi_n \in H^b(\mathbb{P}^{n+1}, \mathcal{O}(p))$ they induce a regular morphism  $f: \mathbb{P}^{n+1} \longrightarrow \mathbb{P}^{n+1}$
- (2) Show that &: PMH PHI has degree ph+1
- (3) Let  $P(V) \xrightarrow{tt} X$  be a projective boll. Show that if  $x \in H^{2i}(X, \mathbb{Z})$  is not algebraic, then  $[H]^{j} \cup \pi^{*} X$  current be algebraic.