

transforms in  $\tilde{\mathbb{P}}_{E_0}^3 = \tilde{X}_L$  of the family of trichords of  $E_0 = E_L$ , we get  $X$ .  $\Rightarrow$

(Note that if  $D$  and  $D'$  are two divisors of degree 5 on  $B$ , not linearly equivalent, then  $\tilde{\mathbb{P}}_{E_D}^3$  will not in general be isomorphic to  $\tilde{\mathbb{P}}_{E_{D'}}^3$ ; they become isomorphic only after we blow down the trichords of  $E_D$  and  $E_{D'}$ , respectively).

$\square$  (As we saw above,  $\tilde{\mathbb{P}}_{E_D}^3 \cong X_L$  for some  $L \in A \Rightarrow$  By the note on P800, by blowing down the proper transforms of the family of trichords of  $E_0$ , we get  $X$ .  $\Rightarrow$  It does not matter what divisor  $D$  we employ for the embedding above, by the note on P1003 note.

Consider the exceptional divisor  $\pi^{-1}(L) = E$  in  $\tilde{X}_L$ , where

$\pi: \tilde{X}_L \rightarrow X$

①  $L$  nonspecial

$\Rightarrow Q = \tilde{f}(E) = \bigcup_{x \in L} \text{NUT}_x(X)$  is smooth.

We will see more on  $\pi^{-1}(L)$ . See P802.  $\Rightarrow$

In particular, since  $B$  is itself determined by the Abelian variety  $A$ ,