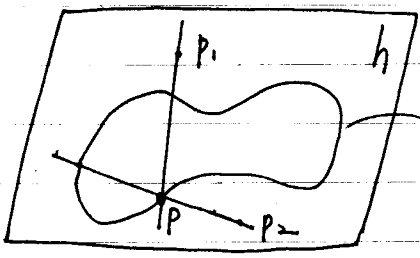
$S \cap h$, every point $p \in S \cap h$ is a double point.
$\Rightarrow$ C_h is a plane conic with multiplicity 2.
⌟

We see from this that the hyperplane h is a double point of the dual Kummer surface $S^* \subset \mathbb{P}^{3*}$: clearly $h \in S^*$, so that if h were not in R^*, then X would contain two pencils lying in h, and through a generic point $p \in C_h$ there would pass two distinct lines of the complex.

⌜ S^* is the locus of tangent planes of S. As we saw above, h is tangent to S at every point of $S \cap h$. $\Rightarrow$ $h \in S^*$, for ~~for~~, for some $p \in S$ $T_p S = h$. Here we used the fact that S is smooth away R.



$\sigma(h) \cap X = \sigma(p_1, h) \cup \sigma(p_2, h)$
For a generic $p \in C_h$,
$\exists$ two distinct lines $\overline{pp_1}$, and $\overline{p_1 p_2} \in X$.
In case $p \in C_h \cap \overline{p_1 p_2}$, we have just one line in X.
⌟

But the common line of the two pencils of X through each $p \in C_h$, we have seen, is tangent to S at p and so lies in h; if X contained