

Γ By the results on P76A, lx lies in two conical pencils \Leftrightarrow it lies on two other coplanar pencils
 $\Rightarrow L = \sigma(p_L, h_L)$ & $L' = \sigma(p_{L'}, h_L)$ are distinct
 $\Rightarrow \overline{p_L p_{L'}} \in L \cap L'$ is singular. If $\overline{p_L p_{L'}} = h' \cap h$,

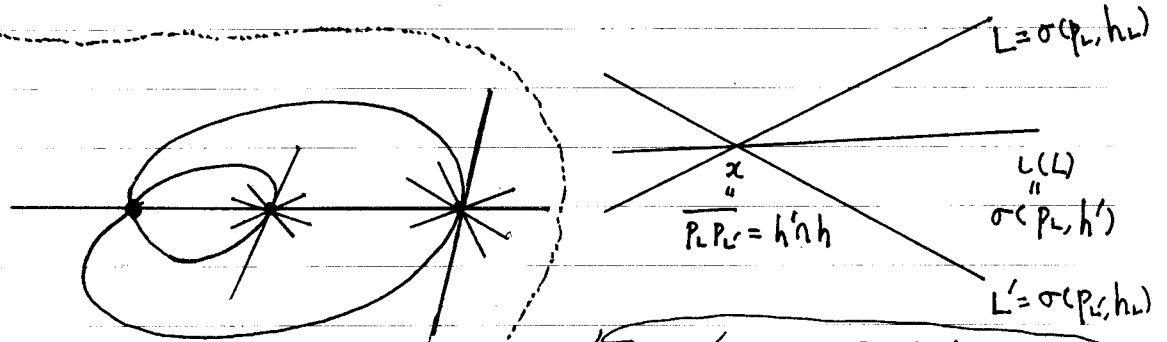


Figure 24

$T_x(X) \cap X = \overline{p_L p_{L'}} \cup L' \cup L(L)$
 $\Rightarrow T_x(X) \cap X$ has a multiple component

By P76B,

$\Rightarrow T_x(X) \cap X \supset L \cup L' \cup L(L) \Rightarrow T_x(X) \cap X$ contains two lines from $\sigma(p_L)$ and two from $\sigma(h_L) \Rightarrow T_x(X) \cap X$ has a multiple component $L = \sigma(p_L, h_L) \Rightarrow L$ is special, which contradicts to the assumption.

In particular, we see that the line $\overline{p_L p_{L'}}$ meets S' in just one point q other than p_L and $p_{L'}$.

Γ Since $\deg S' = 4$, $\#(\overline{p_L p_{L'}} \cap S') = 4$. We know from the above that $\overline{p_L p_{L'}}$ is tangent to S' . So we