Combined with the fact that $\check{S}^* \subset \mathbb{P}^{3*}$ is the dual variety of $\check{S} \subset \mathbb{P}^3$, this proves that

The Kummer surface $\check{S}$ is self-dual.

「 This means that $\check{S} = \check{S}^*$, I think. 」

Two Configurations Revisted

We may, by considering the Kummer surface $\check{S} \subset \mathbb{P}^3$ and its desingularization $\Sigma \subset \mathbb{P}^5$ as the images of the Abelian variety A, get a new slant on the configurations associated to these varieties. To see this, think of A as the Jacobian of the curve $B = B_L$, and realize B as the locus of

$$y^2 = \prod_{i=0}^{5} (x - \lambda_i),$$

with $p_i = (\lambda_i, 0)$ the Weierstrass points of B.

「 genus of $B = 2$ by P782. $\Rightarrow$ $\iota_K : B_L \longrightarrow \mathbb{P}^1$ is not embedding $\Rightarrow$ B_L is called hyperelliptic by P247. $\Rightarrow$ By P254, B_L can be realized as the smooth completion of the locus $y^2 = g(x)$