

contains the six points  $\mu_0 = 0$ ,  $\mu_i$  and  $\{\mu_{ij}\}_{j \neq 0, i}$  and

$$\mathbb{H}_{ij} = \mathbb{H} + \mu_{ij} = \{ (p + p_i + p_j - 3p_0) \}$$

contains the six points  $\mu_0$ ,  $\mu_j$ ,  $\mu_{ij}$ , and  $\{\mu_{lm}\}_{l, m \neq i, j}$ .

$$\Gamma \quad p_j + p_i + p_j - 3p_0 = p_i - p_0 + 2p_j - 2p_0 \sim p_i - p_0$$

$\{\mu_{lm}\}_{l, m \neq i, j}$  and  $1 \leq l, m \leq 5$ .

Refer to P338. Riemann's theorem

$$\mathbb{H} = W + K$$

Actually,  $W = \{ (p - p_0) : p \in B \} \subset A$ .

Now, the question is  $K = 0$  (?) or the authors refer to  $W$  instead of  $\mathbb{H}$  (?)

Conversely, each of the half-lattice points  $\mu_i, \mu_{ij}$  lies on exactly six of the divisors  $\mathbb{H}_i, \mathbb{H}_{ij}$ :

$$\mu_i \in \mathbb{H}, \mathbb{H}_i, \text{ and } \mathbb{H}_{ij} \text{ for } j \neq 0, i$$

and

$$\mu_{ij} \in \mathbb{H}_i, \mathbb{H}_j, \mathbb{H}_{ij} \text{ and } \mathbb{H}_{kl} \text{ for } k, l \neq i, j.$$

$$\Gamma \quad \mu_i \in \mathbb{H}_{kl} = \{ (p + p_k + p_l - 3p_0) \}, \quad k, l \neq i$$

$$\Rightarrow p_i - p_0 \sim p + p_k + p_l - 3p_0 \Rightarrow 0 \sim p + p_i + p_k + p_l - 4p_0$$

$$\Rightarrow +p_0 \sim p - p_0 + p_i + p_k + p_l - 2p_0 = p + \mu_i + \mu_{kl}$$

$$= p + \mu_{jm} \Rightarrow \mu_{jm} = p - p_0 \Rightarrow$$

$$p_j + p_m - 2p_0 \sim p - p_0 \Leftrightarrow p_j + p_m \sim p + p_0$$

$$\Rightarrow \text{Since } h^0(p_j + p_m) = 1, \quad p = p_j \text{ or } p_m \text{ and } p_0 = p_j$$