

$$\gamma \longrightarrow \int_{\gamma} \omega$$

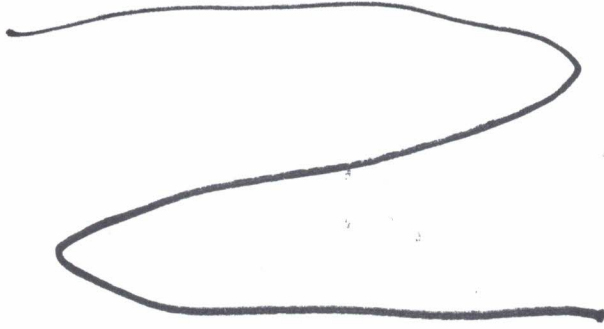
$$H_1(C; \mathbb{Z}) \subset \text{Hom}(H^0(\Omega), \mathbb{Q})$$

$$\downarrow \qquad \qquad \downarrow$$

$$\Lambda \hookrightarrow \mathbb{Q}^g$$

$$\mathbb{Q}^g / \Lambda = A$$

over $K = \mathbb{Q}$



$d \downarrow$



IP^T