

By eliminating the variables x, y, z ,

we obtain the defining eq. $\Delta_X(\underline{t})$

of the discriminant divisor for X .

We give suitable weights to the

variables t_i so that $\Delta_X(\underline{t})$ is a

weighted homogeneous polynomial.

$$D_X := \{ \underline{t} \in \mathbb{C}^m \mid \Delta_X(\underline{t}) = 0 \}$$

We call the isomorphic class of

$\pi_1(\mathbb{C}^m \setminus D_X)$ elliptic Artin group.