

$E_8:$

$$d_1 = 248 = \text{rat}^1$$

$$d_7 = 3875 = \text{rat}^2$$

E_7

$$d_1 = 56 = \text{rat}^1$$

$$d_6 = 133 = \text{rat}^2$$

$$d_7 = 912 = \text{rat}^3$$

E_6

$$d_1 = 27 = \text{rat}^1 = \langle C_1 \rangle = \lambda^1(Z)$$

$$d_2 = \overline{27} = \text{rat}^2 = \langle 3C_0 - 2C_{\mathfrak{x}} - C_{\mathfrak{y}} \rangle = \lambda^1(\overline{Z})$$

$$\lambda^2(Z) = d_2 = 351 = \text{rat}^4 = \langle 2C_0 - C_{\mathfrak{z}} \rangle$$

$$\lambda^2(\overline{Z}) = d_4 = \overline{351}$$

$$\lambda^3(\overline{Z}) = d_3 = \overline{d}_3 = 2925$$

$$d_6 = \overline{d}_6 = 78 = \text{rat}^3 = \langle C_0 \rangle$$

$U_{10}^{\mathbb{R}}$

$U_5^{\mathbb{C}}$