

$$H_2^{\mathbb{Z}}(2_{\mathbb{C}}^0) = \mathbb{Z}^{3:1:1} \times \mathbb{Z}^{2:0:8} = \mathbb{Z}^{3:1:9}$$

$$\mathbb{Z}^{1:1} = \frac{0 \mid 1}{1 \mid 0}$$

$$\mathbb{Z}^{0:8} = -E_8$$