

$p=2$

$$T(H_2(H_2) \otimes_{\mathbb{Z}_{(p)}} P(v_1) \otimes_{\mathbb{Z}_{(p)}} E(v_1)) \cong T(H_2(\mathbb{Z}))$$

$\circ \mathbb{Z}_{(p)}$

$$|v_1| = 2p - 2$$

$\bullet \mathbb{Z}/p$

$$|v_1| = 2p - 1$$

$\uparrow \mathbb{Z}/p$



