



































1

$$\mathbb{Z}\{1\}$$

$$\begin{array}{ccc}
 & \xrightarrow{\beta^1} & \\
 P^1\iota_4 & & \beta P^1\iota_4 \\
 \downarrow \iota_4^2 & & \downarrow \beta^1 \\
 \iota_4^2\beta\iota_4 & \xrightarrow{\beta^1} & \beta P^1\beta\iota_4
 \end{array}$$

$$\begin{array}{c} \mathbb{Z}/3\{\beta(\iota_4^2)\} \\ \mathbb{Z}/3\{\beta P^1\iota_4\} \end{array} \mathbb{Z}/3\{\beta P^1\beta\iota_4\}$$

0	1	2	3	4	5	6	7	8	9	10
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