$H^*(K(\mathbb{Z}/3,1),\mathbb{Z}/3)$ (vertical axis)

$H^*(K(\mathbb{Z}/3,2),\mathbb{Z}/3)$ (horizontal axis)

Row 6: x^3 ; $x^3\iota_2$; $x^3\beta\iota_2$; $x^3\iota_2^2$; $x^3\iota_2^2\beta$; $x^3\iota_2^3$

Row 5: αx^2 ; $\alpha x^2\iota_2$; $\alpha x^2\beta\iota_2$; $\alpha x^2\iota_2^2$; $\alpha x^2\iota_2^2\beta$; $\alpha x^2\iota_2^3$; $\alpha x_3^2 P\beta\iota_2$ / $x^3\iota_2^3\beta$; $\alpha x^2\beta^2 P\iota_2$ / $x^3\iota_2^4$

Row 4.5: $x^2 P\beta\iota_2$ / $\alpha x^2\iota_2^3\beta$; $x^2\beta^2 P\iota_2$ / $\alpha x^2\iota_2^4$

Row 4: x^2 ; $x^2\iota_2$; $x^2\beta\iota_2$; $x^2\iota_2^2$; $x^2\iota_2^2\beta$; $x^2\iota_2^3$

Row 3.5: $\alpha x P\beta\iota_2$ / $x^2\iota_2^3\beta$; $\alpha x\beta^2 P\iota_2$ / $x^2\iota_2^4$

Row 3: αx ; $\alpha x\iota_2$; $\alpha x\beta\iota_2$; $\alpha x\iota_2^2$; $\alpha x\iota_2^2\beta$; $\alpha x\iota_2^3$

Row 2.5: $x P\beta\iota_2$ / $\alpha x\iota_2^3\beta$; $x\beta^2 P\iota_2$ / $\alpha x\iota_2^4$

Row 2: x ; $x\iota_2$; $x\beta\iota_2$; $x\iota_2^2$; $x\iota_2^2\beta$; $x\iota_2^3$

Row 1.5: $\alpha P\beta\iota_2$ / $x\iota_2^3\beta$; $\alpha\beta^2 P\iota_2$ / $x\iota_2^4$

Row 1: α ; $\alpha\iota_2$; $\alpha\beta\iota_2$; $\alpha\iota_2^2$; $\alpha\iota_2^2\beta$; $\alpha\iota_2^3$

Row 0.5: $P\beta\iota_2$ / $\alpha\iota_2^3\beta$; $\beta^2 P\iota_2$ / $\alpha\iota_2^4$

Row 0: 1 ; ι_2 ; $\beta\iota_2$; ι_2^2 ; $\iota_2^2\beta$; ι_2^3

Horizontal axis values: 0, 1, 2, 3, 4, 5, 6, 7, 8

Vertical axis values: 0, 1, 2, 3, 4, 5, 6

$H^*(K(\mathbb{Z}/3,1),\mathbb{Z}/3)$
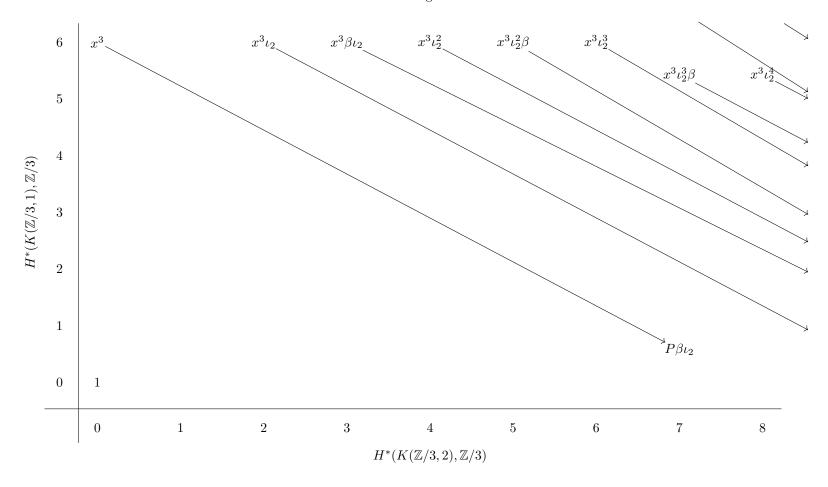
6	x^3			$x^3\iota_2$	$x^3\beta\iota_2$	$x^3\iota_2^2$	$x^3\iota_2^2\beta$	$x^3\iota_2^3$

$x^3\iota_2^3\beta \qquad x^3\iota_2^4$

$$x^2\beta\iota_2 \quad \longrightarrow$$

$$P\beta\iota_2 \qquad \beta^2 P\iota_2$$

Axis labels:

- Vertical axis: $H^*(K(\mathbb{Z}/3,1),\mathbb{Z}/3)$ with ticks $0,1,2,3,4,5,6$
- Value at $(0,0)$: 1
- Horizontal axis: $H^*(K(\mathbb{Z}/3,2),\mathbb{Z}/3)$ with ticks $0,1,2,3,4,5,6,7,8$

$H^*(K(\mathbb{Z}/3, 1), \mathbb{Z}/3)$

6	x^3			$x^3 \iota_2$	$x^3 \beta \iota_2$	$x^3 \iota_2^2$	$x^3 \iota_2^2 \beta$	$x^3 \iota_2^3$

$x^3 \iota_2^3 \beta$ $\qquad$ $x^3 \iota_2^4$

5

4

3

2

1 $\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad\qquad$ $P \beta \iota_2$

0 $\quad$ 1

| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |

$H^*(K(\mathbb{Z}/3, 2), \mathbb{Z}/3)$

Axis labels: $H^*(K(\mathbb{Z}/3,1),\mathbb{Z}/3)$ (vertical), $H^*(K(\mathbb{Z}/3,2),\mathbb{Z}/3)$ (horizontal)

Elements: x^3, $x^3\iota_2$, $x^3\beta\iota_2$, $x^3\iota_2^2$, $x^3\iota_2^2\beta$, $x^3\iota_2^3$, $x^3\iota_2^3\beta$, $x^3\iota_2^4$, 1, $P\beta\iota_2$
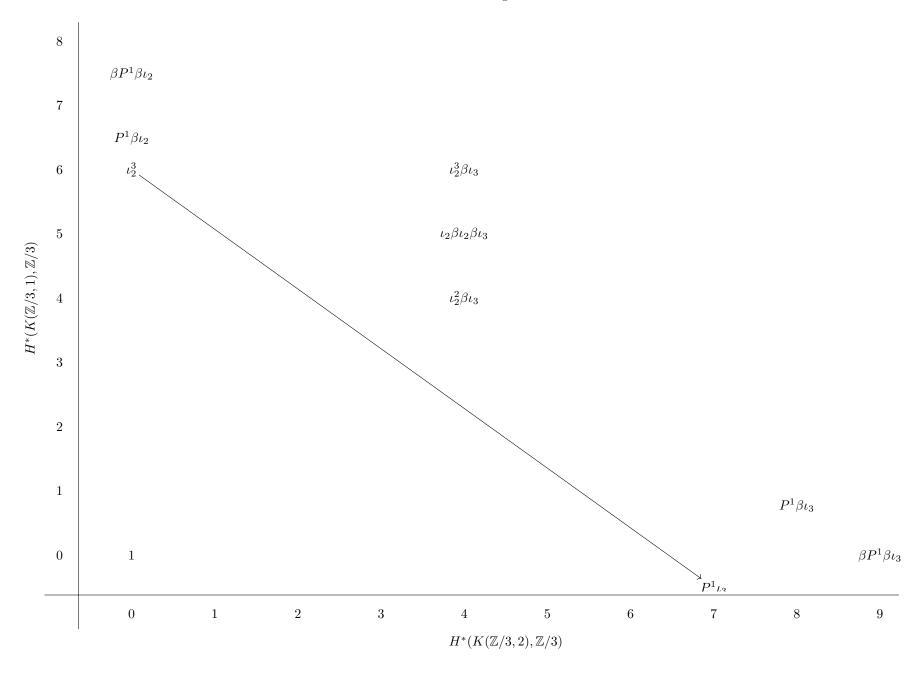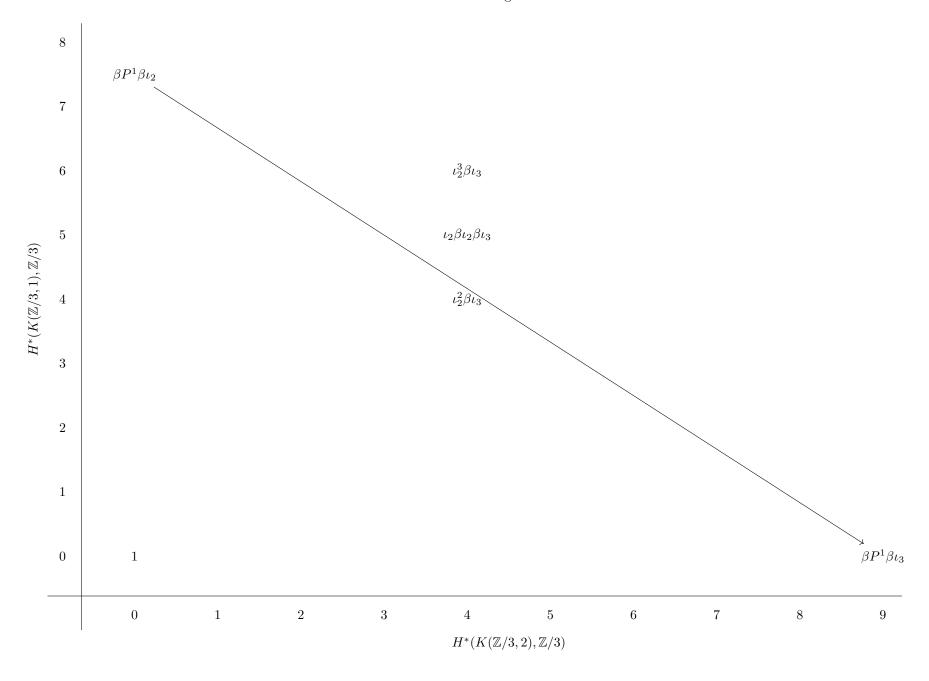
$H^*(K(\mathbb{Z}/3,2),\mathbb{Z}/3)$ 1 ι_2 $\xrightarrow{\beta^1}$ $\beta\iota_2$ ι_2^2 $\xrightarrow{\beta^1}$ $\iota_2^2\beta$ ι_2^3 $\xrightarrow{\beta^2}$ $\iota_2^3\beta$ ι_2^4 $\xrightarrow{\beta^1}$

$P\beta\iota_2$ $\rightarrow$ $\beta^2 P\iota_2$

$H^*(K(\mathbb{Z}/3,2),\mathbb{Z})$ $\mathbb{Z}\{1\}$ $\mathbb{Z}/3\{\beta\iota_2\}$ $\mathbb{Z}/3\{\beta\iota_2^2\}$ $\mathbb{Z}/9\{\beta\iota_2^3\}$ $\mathbb{Z}/3\{\beta P^1\iota_2\}$

$0 \quad 1 \quad 2 \quad 3 \quad 4 \quad 5 \quad 6 \quad 7 \quad 8$

$H^*(K(\mathbb{Z}/3,1),\mathbb{Z}/3)$ (vertical axis)

$H^*(K(\mathbb{Z}/3,2),\mathbb{Z}/3)$ (horizontal axis)

$\beta\iota_2\beta\beta\iota_2$ $\beta\iota_2\beta\iota_2$

$P^1\beta\iota_2$

ι_2^3 $\qquad$ $\iota_2^3\iota_3$ $\qquad$ $\iota_2^3\beta\iota_3$

$\iota_2\beta\iota_2$ $\qquad$ $\iota_2\beta\iota_2\iota_3$ $\qquad$ $\iota_2\beta\iota_2\beta\iota_3$

ι_2^2 $\qquad$ $\iota_2^2\iota_3$ $\qquad$ $\iota_2^2\beta\iota_3$

$\beta\iota_2$ $\qquad$ $\beta\iota_2\iota_3$ $\qquad$ $\beta\iota_2\beta\iota_3$

ι_2 $\qquad$ $\iota_2\iota_3$ $\qquad$ $\iota_2\beta\iota_3$

$P^1\beta\iota_3$

$\iota_3\beta\iota_3$

1 $\qquad$ ι_3 $\qquad$ $\beta\iota_3$ $\qquad$ $(\beta\iota_3)^2$ $\qquad$ $\beta P^1\iota_3$

$P^1\iota_3$

$H^*(K(\mathbb{Z}/3,1),\mathbb{Z}/3)$

$\beta P^1 \beta \iota_2$ — 7.5

$P^1 \beta \iota_2$ — 6.5

ι_2^3 — 6 $\iota_2^3 \beta \iota_3$

$\iota_2 \beta \iota_2 \beta \iota_3$ — 5

$\iota_2^2 \iota_3$ — 4 $\iota_2^2 \beta \iota_3$

$\beta \iota_2$ — 3 $\beta \iota_2 \beta \iota_3$

$P^1 \beta \iota_3$

1 — 0 $\beta \iota_3$ $(\beta \iota_3)^2$ $\beta P^1 \beta \iota_3$

$P^1 \iota_3$

$H^*(K(\mathbb{Z}/3,2),\mathbb{Z}/3)$

$H^*(K(\mathbb{Z}/3, 1), \mathbb{Z}/3)$

$H^*(K(\mathbb{Z}/3, 2), \mathbb{Z}/3)$

$\beta P^1 \beta \iota_2$

$P^1 \beta \iota_2$

ι_2^3

$\iota_2^3 \beta \iota_3$

$\iota_2 \beta \iota_2 \beta \iota_3$

$\iota_2^2 \iota_3$

$\iota_2^2 \beta \iota_3$

$P^1 \beta \iota_3$

1

$\beta P^1 \beta \iota_3$

$P^1 \iota_3$

$H^*(K(\mathbb{Z}/3, 1), \mathbb{Z}/3)$

$H^*(K(\mathbb{Z}/3, 2), \mathbb{Z}/3)$

$\beta P^1 \beta \iota_2$

$\iota_2^3 \beta \iota_3$

$\iota_2 \beta \iota_2 \beta \iota_3$

$\iota_2^2 \beta \iota_3$

1

$\beta P^1 \beta \iota_3$

$H^*(K(\mathbb{Z}/3,3),\mathbb{Z}/3)$ 1

$\iota_3 \xrightarrow{\beta^1} \beta\iota_3$

$\iota_3\beta\iota_3 \xrightarrow{\beta^1} P^1\beta\iota_3 \xrightarrow{\rho}$

$(\beta\iota_3)^2 \qquad \beta P^1\beta\iota_3$

$P^1\iota_3 \xrightarrow{\beta^1} \beta P^1\iota_3$ $\mathbb{Z}/3\{\beta(\iota_3\beta\iota_3)\}$

$H^*(K(\mathbb{Z}/3,3),\mathbb{Z})$ $\mathbb{Z}\{1\}$ $\mathbb{Z}/3\{\beta\iota_3\}$ $\mathbb{Z}/3\{\beta P^1\beta\iota_3\}$

$\mathbb{Z}/3\{\beta P^1\iota_3\}$

| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

$H^*(K(\mathbb{Z}/3, 4), \mathbb{Z}/3)$

$H^*(K(\mathbb{Z}/3, 3), \mathbb{Z}/3)$

$H^*(K(\mathbb{Z}/3,4),\mathbb{Z}/3)$ 1

$\xrightarrow{\beta^1}$

$\iota_4 \quad\longrightarrow\quad \beta\iota_4$

$P^1\iota_4 \quad\longrightarrow\quad \beta P^1\iota_4$

$P^1\beta\iota_4 \xrightarrow{\beta^1} \beta P^1\beta\iota_4$

ι_4^2

$\xrightarrow{\beta^1} \iota_4\beta\iota_4$

$\mathbb{Z}/3\{\beta(\iota_4^2)\}$

$H^*(K(\mathbb{Z}/3,4),\mathbb{Z})$ $\mathbb{Z}\{1\}$ $\mathbb{Z}/3\{\beta\iota_4\}$ $\mathbb{Z}/3\{\beta P^1\beta\iota_4\}$

$\mathbb{Z}/3\{\beta P^1\iota_4\}$

0	1	2	3	4	5	6	7	8	9	10