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

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

	0	1	2	3	4	5	6	7	8
6	x^3		$x^3\iota_2$	$x^3\beta\iota_2$	$x^3\iota_2^2$	$x^3\iota_2^2\beta$	$x^3\iota_2^3$	$\alpha x^3 P\beta\iota_2$ / $x^3\iota_2^3\beta$	$\alpha x^2\beta^2 P\iota_2$ / $x^3\iota_2^4$
5	αx^2		$\alpha x^2\iota_2$	$\alpha x^2\beta\iota_2$	$\alpha x^2\iota_2^2$	$\alpha x^2\iota_2^2\beta$	$\alpha x^2\iota_2^3$	$x^2 P\beta\iota_2$ / $\alpha x^2\iota_2^3\beta$	$x^2\beta^2 P\iota_2$ / $\alpha x^2\iota_2^4$
4	x^2		$x^2\iota_2$	$x^2\beta\iota_2$	$x^2\iota_2^2$	$x^2\iota_2^2\beta$	$x^2\iota_2^3$	$\alpha x P\beta\iota_2$ / $x^2\iota_2^3\beta$	$\alpha x\beta^2 P\iota_2$ / $x^2\iota_2^4$
3	αx		$\alpha x\iota_2$	$\alpha x\beta\iota_2$	$\alpha x\iota_2^2$	$\alpha x\iota_2^2\beta$	$\alpha x\iota_2^3$	$x P\beta\iota_2$ / $\alpha x\iota_2^3\beta$	$x\beta^2 P\iota_2$ / $\alpha x\iota_2^4$
2	x		$x\iota_2$	$x\beta\iota_2$	$x\iota_2^2$	$x\iota_2^2\beta$	$x\iota_2^3$	$\alpha P\beta\iota_2$ / $x\iota_2^3\beta$	$\alpha\beta^2 P\iota_2$ / $x\iota_2^4$
1	α		$\alpha\iota_2$	$\alpha\beta\iota_2$	$\alpha\iota_2^2$	$\alpha\iota_2^2\beta$	$\alpha\iota_2^3$	$P\beta\iota_2$ / $\alpha\iota_2^3\beta$	$\beta^2 P\iota_2$ / $\alpha\iota_2^4$
0	1		ι_2	$\beta\iota_2$	ι_2^2	$\iota_2^2\beta$	ι_2^3		

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

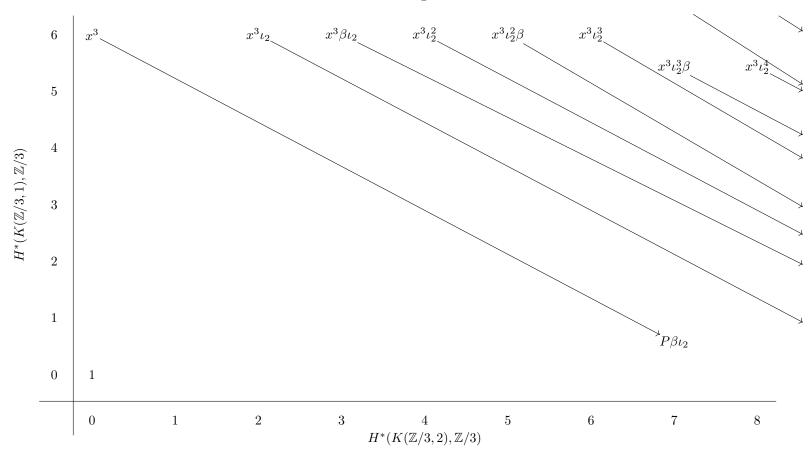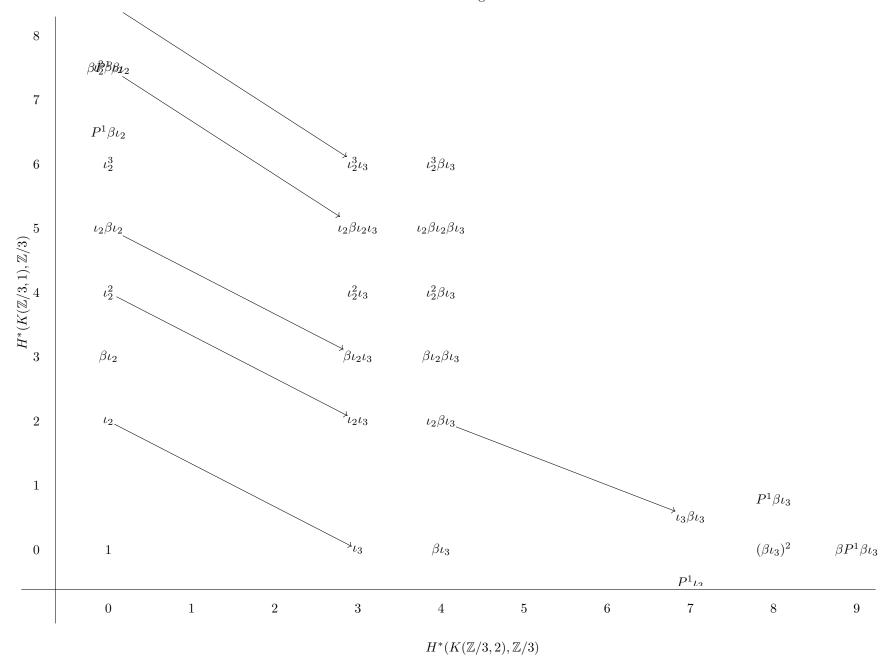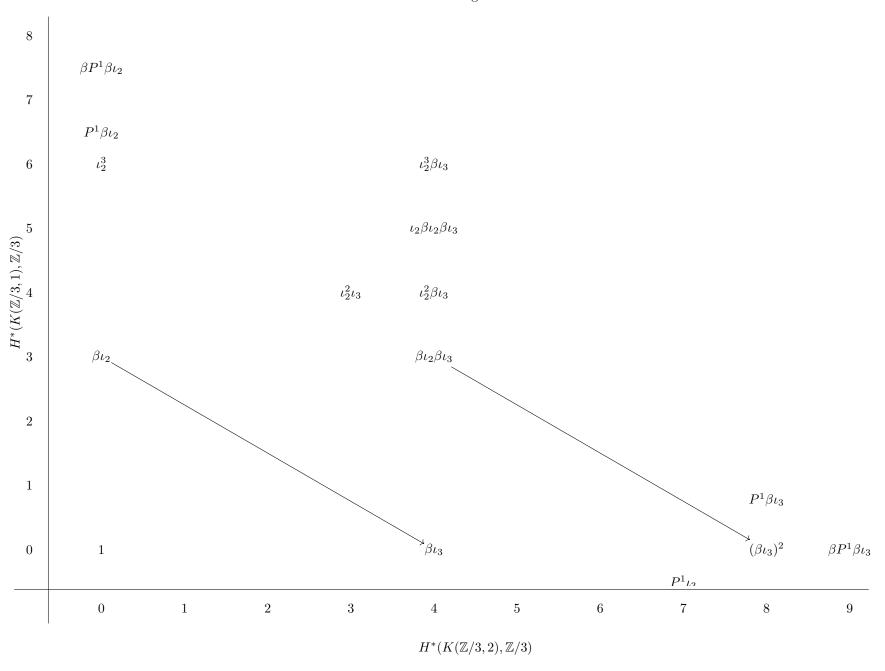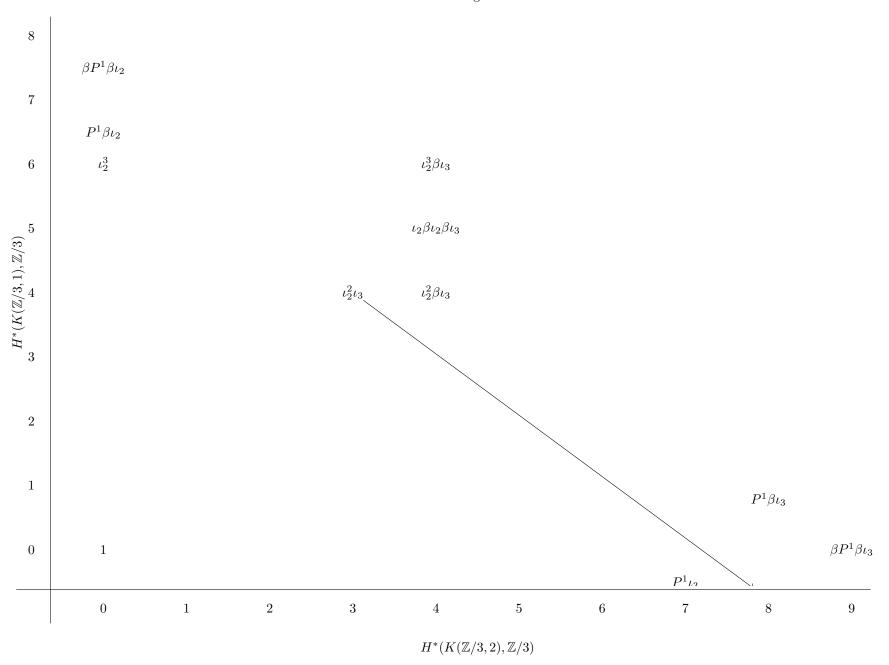6 x^3 $x^3\iota_2$ $x^3\beta\iota_2$ $x^3\iota_2^2$ $x^3\iota_2^2\beta$ $x^3\iota_2^3$

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

5

                                      $x^2 P\beta\iota_2$ $x^2\beta^2 P\iota_2$

4 x^2 $x^2\beta\iota_2$

3

2 x $x\beta\iota_2$ $xP\beta\iota_2$ $x\beta^2 P\iota_2$

1

0 1 $\beta\iota_2$ $P\beta\iota_2$ $\beta^2 P\iota_2$

      0 1 2 3 4 5 6 7 8

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

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

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

$P\beta\iota_2$

0 | 1

	0	1	2	3	4	5	6	7	8

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

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

$P\beta\iota_2 \xrightarrow{\ \sim\ } \beta^2 P\iota_2$

$1 \qquad\qquad \iota_2 \xrightarrow{\ \beta^1\ } \beta\iota_2 \qquad \iota_2^2 \xrightarrow{\ \beta^1\ } \iota_2^2\beta \qquad \iota_2^3$

$\iota_2^3 \xrightarrow{\ \beta^2\ } \iota_2^3\beta \qquad \iota_2^4 \searrow{\ \beta^1\ }$

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

$\mathbb{Z}\{1\} \qquad\qquad \mathbb{Z}/3\{\beta\iota_2\} \qquad \mathbb{Z}/3\{\beta\iota_2^2\} \qquad \mathbb{Z}/9\{\beta\iota_2^3\} \quad \mathbb{Z}/3\{\beta P^1\iota_2\}$

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

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

$\beta P^1\beta\iota_2$ $\beta\iota_2\beta\iota_2$

$P^1\beta\iota_2$

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

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

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

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

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

$P^1\beta\iota_3$

$\iota_3\beta\iota_3$

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

$P^1\iota_2$

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

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

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

$\beta P^1 \beta \iota_2$

$P^1 \beta \iota_2$

ι_2^3 $\iota_2^3 \beta \iota_3$

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

$\iota_2^2 \iota_3$ $\iota_2^2 \beta \iota_3$

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

$P^1 \beta \iota_3$

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

$P^1 \iota_2$

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

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

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

$\beta P^1 \beta \iota_2$

$\iota_2^3 \beta \iota_3$

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

$\iota_2^2 \beta \iota_3$

1

$\beta P^1 \beta \iota_3$

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

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

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

Row 1 ($H^*(K(\mathbb{Z}/3,3),\mathbb{Z}/3)$):
- degree 0: 1
- degree 3: ι_3
- degree 4: $\beta\iota_3$
- degree 7: $\iota_3\beta\iota_3$
- degree 8: $(\beta\iota_3)^2$
- degree 9: $\beta P^1\beta\iota_3$
- $P^1\beta\iota_3$ (near degree 8)

Arrows: β^1 from ι_3 to $\beta\iota_3$; $\iota_3\beta\iota_3 \xrightarrow{\beta^1} (\beta\iota_3)^2$; $P^1\beta\iota_3 \xrightarrow{\rho} \beta P^1\beta\iota_3$

Row 2 ($H^*(K(\mathbb{Z}/3,3),\mathbb{Z})$):
- degree 0: $\mathbb{Z}\{1\}$
- degree 4: $\mathbb{Z}/3\{\beta\iota_3\}$
- degree 7: $P^1\iota_3$ ... $\mathbb{Z}/3\{\beta(\iota_3\beta\iota_3)\}$, $\beta P^1\iota_3$, β^1
- degree 8: $\mathbb{Z}/3\{\beta P^1\iota_3\}$
- degree 9: $\mathbb{Z}/3\{\beta P^1\beta\iota_3\}$

x-axis: 0 1 2 3 4 5 6 7 8 9

A spectral sequence chart with vertical axis labeled $H^*(K(\mathbb{Z}/3,4),\mathbb{Z}/3)$ and horizontal axis labeled $H^*(K(\mathbb{Z}/3,3),\mathbb{Z}/3)$.

Vertical axis values: 0 through 9. Horizontal axis values: 0 through 10.

Entries:

- Row 9 (x=0): $\beta P^1 \beta \iota_3$, $P^1 \beta \iota_3$
- Row 8 (x=0): $(\beta \iota_3)^2$
- Row 7 (x=0): $\iota_3 \beta \iota_3$, $\beta P^1 \iota_3$
- Row 6 (x=0): $P^1 \iota_3$
- Row 4 (x=0): $\beta \iota_3$; (x=4): $\beta \iota_3 \iota_4$; (x=5): $\beta \iota_3 \beta \iota_4$
- Row 3 (x=0): ι_3; (x=4): $\iota_3 \iota_4$; (x=5): $\iota_3 \beta \iota_4$
- Row 1 (x=9): $\beta P^1 \iota_4$; (x=8): $P^1 \iota_4$
- Row 0 (x=0): 1; (x=4): ι_4; (x=5): $\beta \iota_4$; (x=8): $P^1 \beta \iota_4$; (x=10): $\beta P^1 \beta \iota_4$
- Below row 0 (x=8): ι_4^2

Differential arrows: from ι_3 (0,3) to ι_4 (4,0); from $\beta P^1 \iota_3$ (0,7) to $\beta \iota_3 \iota_4$ (4,4); from $\iota_3 \iota_4$ (4,3) to ι_4^2 (8,0); from $\iota_3 \beta \iota_4$ (5,3) to near (9,0).

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

9 — $\beta P^1 \beta \iota_3$
$P^1 \beta \iota_3$

8

7 — $\beta P^1 \iota_3$

6 — $P^1 \iota_3$

5

4

3

2

1 — $\beta P^1 \iota_4$
$P^1 \iota_4$

0 — 1 — $P^1 \beta \iota_4$ — $\beta P^1 \beta \iota_4$

$0 \quad 1 \quad 2 \quad 3 \quad 4 \quad 5 \quad 6 \quad 7 \quad 8 \quad 9 \quad 10$

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

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

1

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

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

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

$\iota_4^2 \xrightarrow{\beta^1} \iota_4\beta\iota_4$

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

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

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

$\mathbb{Z}/3\{\beta\iota_4\}$

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

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

| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |