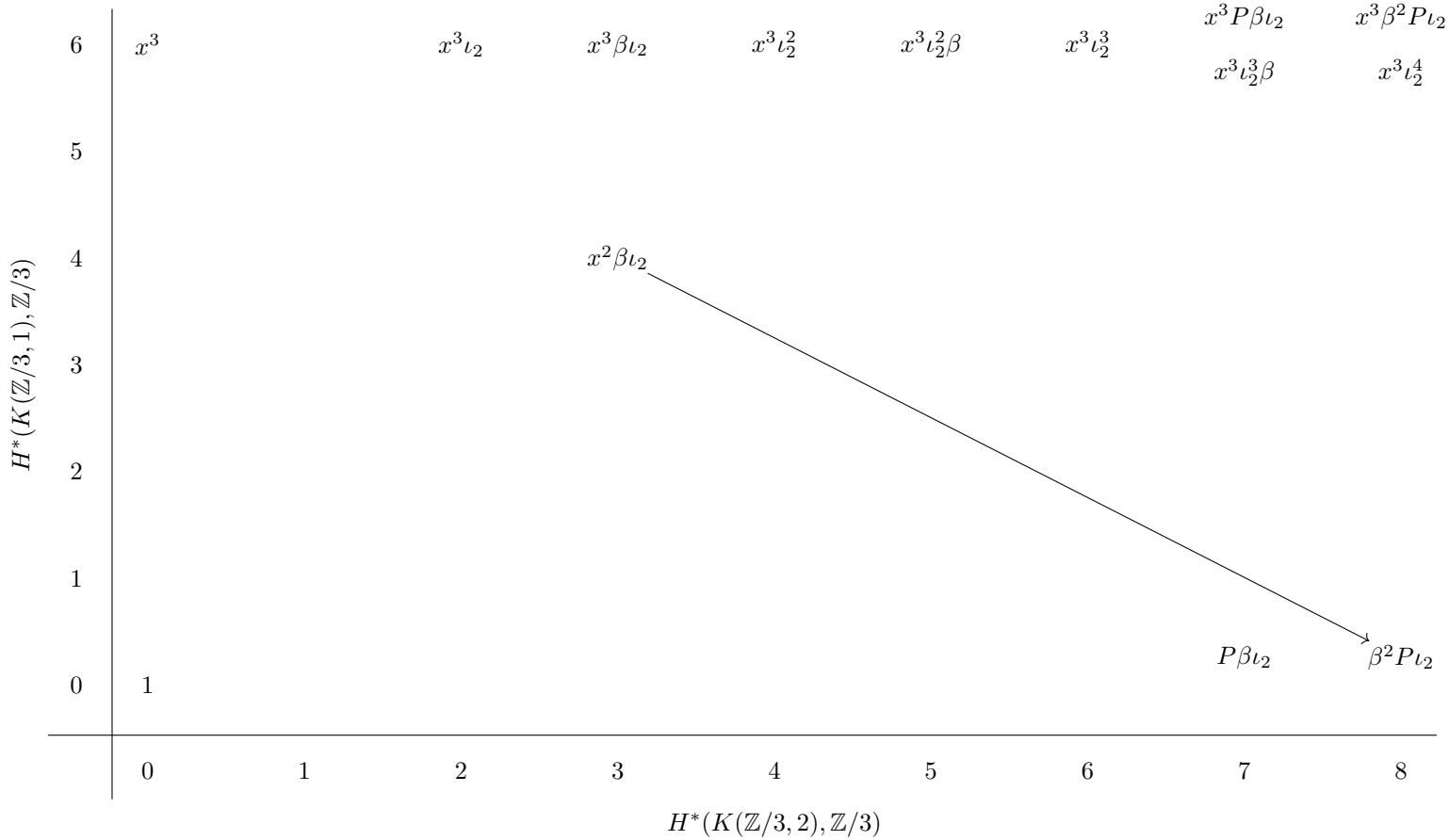
Page 2

$H^*(K(\mathbb{Z}/3,1),\mathbb{Z}/3)$	0	1	2	3	4	5	6	7	8
6	x^3		$x^3\iota_2$	$x^3\beta\iota_2$	$x^3\iota_2^2$	$x^3\iota_2^2\beta$	$x^3\iota_2^3$	$x^3P\beta\iota_2$ $x^3\iota_2^3\beta$	$x^3\beta^2P\iota_2$ $x^3\iota_2^4$
5	αx^2		$\alpha x^2\iota_2$	$\alpha x^2\beta\iota_2$	$\alpha x^2\iota_2^2$	$\alpha x^2\iota_2^2\beta$	$\alpha x^2\iota_2^3$	$\alpha x^2P\beta\iota_2$ $\alpha x^2\iota_2^3\beta$	$\alpha x^2\beta^2P\iota_2$ $\alpha x^2\iota_2^4$
4	x^2		$x^2\iota_2$	$x^2\beta\iota_2$	$x^2\iota_2^2$	$x^2\iota_2^2\beta$	$x^2\iota_2^3$	$x^2P\beta\iota_2$ $x^2\iota_2^3\beta$	$x^2\beta^2P\iota_2$ $x^2\iota_2^4$
3	αx		$\alpha x\iota_2$	$\alpha x\beta\iota_2$	$\alpha x\iota_2^2$	$\alpha x\iota_2^2\beta$	$\alpha x\iota_2^3$	$\alpha xP\beta\iota_2$ $\alpha x\iota_2^3\beta$	$\alpha x\beta^2P\iota_2$ $\alpha x\iota_2^4$
2	x		$x\iota_2$	$x\beta\iota_2$	$x\iota_2^2$	$x\iota_2^2\beta$	$x\iota_2^3$	$xP\beta\iota_2$ $x\iota_2^3\beta$	$x\beta^2P\iota_2$ $x\iota_2^4$
1	α		$\alpha\iota_2$	$\alpha\beta\iota_2$	$\alpha\iota_2^2$	$\alpha\iota_2^2\beta$	$\alpha\iota_2^3$	$\alpha P\beta\iota_2$ $\alpha\iota_2^3\beta$	$\alpha\beta^2P\iota_2$ $\alpha\iota_2^4$
0	1		ι_2	$\beta\iota_2$	ι_2^2	$\iota_2^2\beta$	ι_2^3	$P\beta\iota_2$ $\iota_2^3\beta$	$\beta^2P\iota_2$ ι_2^4

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

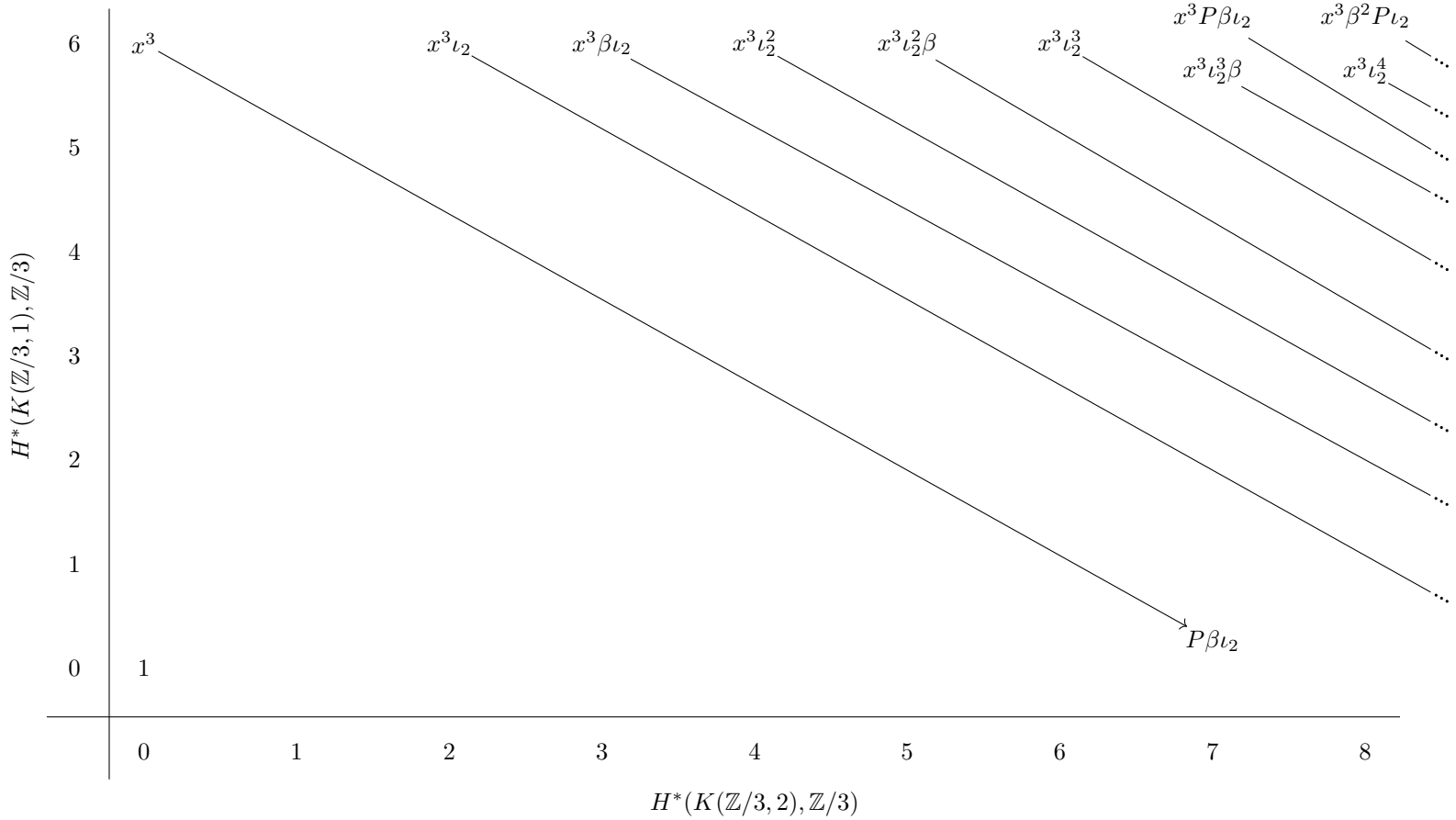
$H^*(K(\mathbb{Z}/3,1),\mathbb{Z}/3)$	0	1	2	3	4	5	6	7	8
6	x^3		$x^3\iota_2$	$x^3\beta\iota_2$	$x^3\iota_2^2$	$x^3\iota_2^2\beta$	$x^3\iota_2^3$	$x^3P\beta\iota_2$ $x^3\iota_2^3\beta$	$x^3\beta^2P\iota_2$ $x^3\iota_2^4$
5									
4	x^2			$x^2\beta\iota_2$				$x^2P\beta\iota_2$	$x^2\beta^2P\iota_2$
3									
2	x			$x\beta\iota_2$				$xP\beta\iota_2$	$x\beta^2P\iota_2$
1									
0	1			$\beta\iota_2$				$P\beta\iota_2$	$\beta^2P\iota_2$

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


$H^*(K(\mathbb{Z}/3,1),\mathbb{Z}/3)$
$H^*(K(\mathbb{Z}/3,2),\mathbb{Z}/3)$
0
1
2
3
4
5
6
7
8
x^3
$x^3\iota_2$
$x^3\beta\iota_2$
$x^3\iota_2^2$
$x^3\iota_2^2\beta$
$x^3\iota_2^3$
$x^3P\beta\iota_2$
$x^3\beta^2P\iota_2$
$x^3\iota_2^3\beta$
$x^3\iota_2^4$
$x^2\beta\iota_2$
$P\beta\iota_2$
$\beta^2P\iota_2$
1

$H^*(K(\mathbb{Z}/3,1),\mathbb{Z}/3)$	0	1	2	3	4	5	6	7	8
6	x^3		$x^3\iota_2$	$x^3\beta\iota_2$	$x^3\iota_2^2$	$x^3\iota_2^2\beta$	$x^3\iota_2^3$	$x^3P\beta\iota_2$ $x^3\iota_2^3\beta$	$x^3\beta^2P\iota_2$ $x^3\iota_2^4$
5									
4									
3									
2									
1									
0	1							$P\beta\iota_2$	

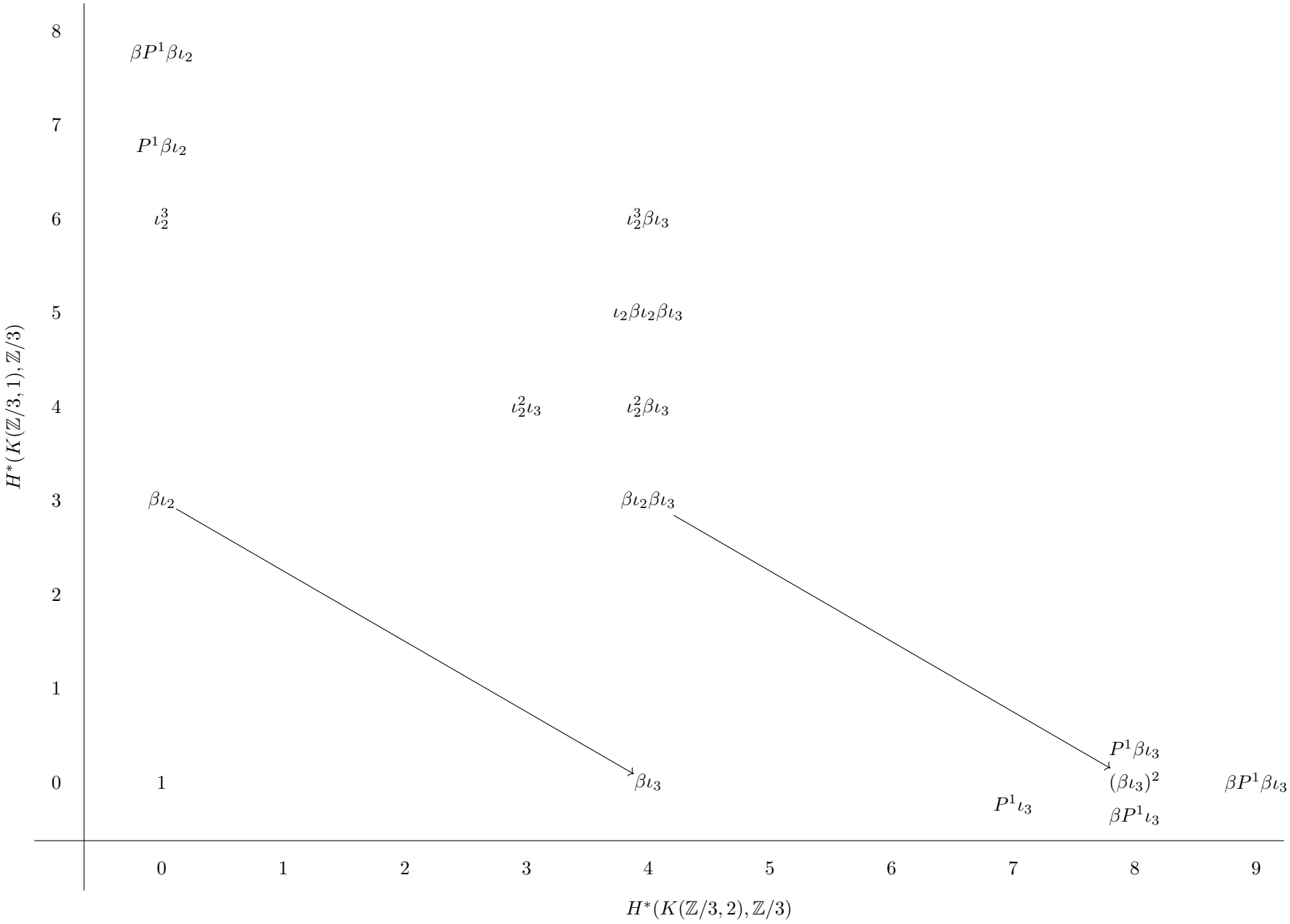
$H^*(K(\mathbb{Z}/3,2),\mathbb{Z}/3)$

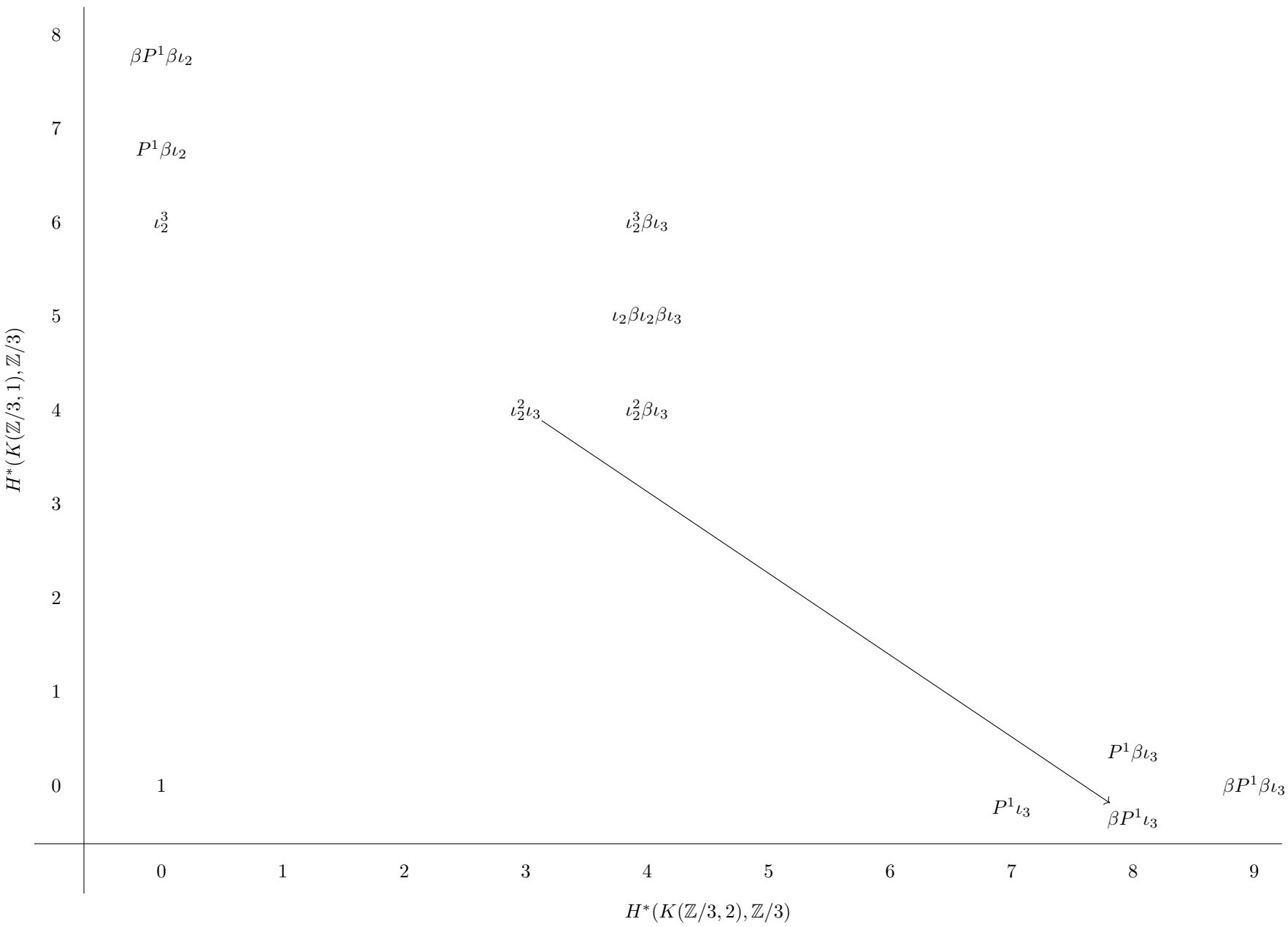

x^3
$x^3\iota_2$
$x^3\beta\iota_2$
$x^3\iota_2^2$
$x^3\iota_2^2\beta$
$x^3\iota_2^3$
$x^3P\beta\iota_2$
$x^3\beta^2P\iota_2$
$x^3\iota_2^3\beta$
$x^3\iota_2^4$
$P\beta\iota_2$
1
0 1 2 3 4 5 6
0 1 2 3 4 5 6 7 8
$H^*(K(\mathbb{Z}/3,1),\mathbb{Z}/3)$
$H^*(K(\mathbb{Z}/3,2),\mathbb{Z}/3)$

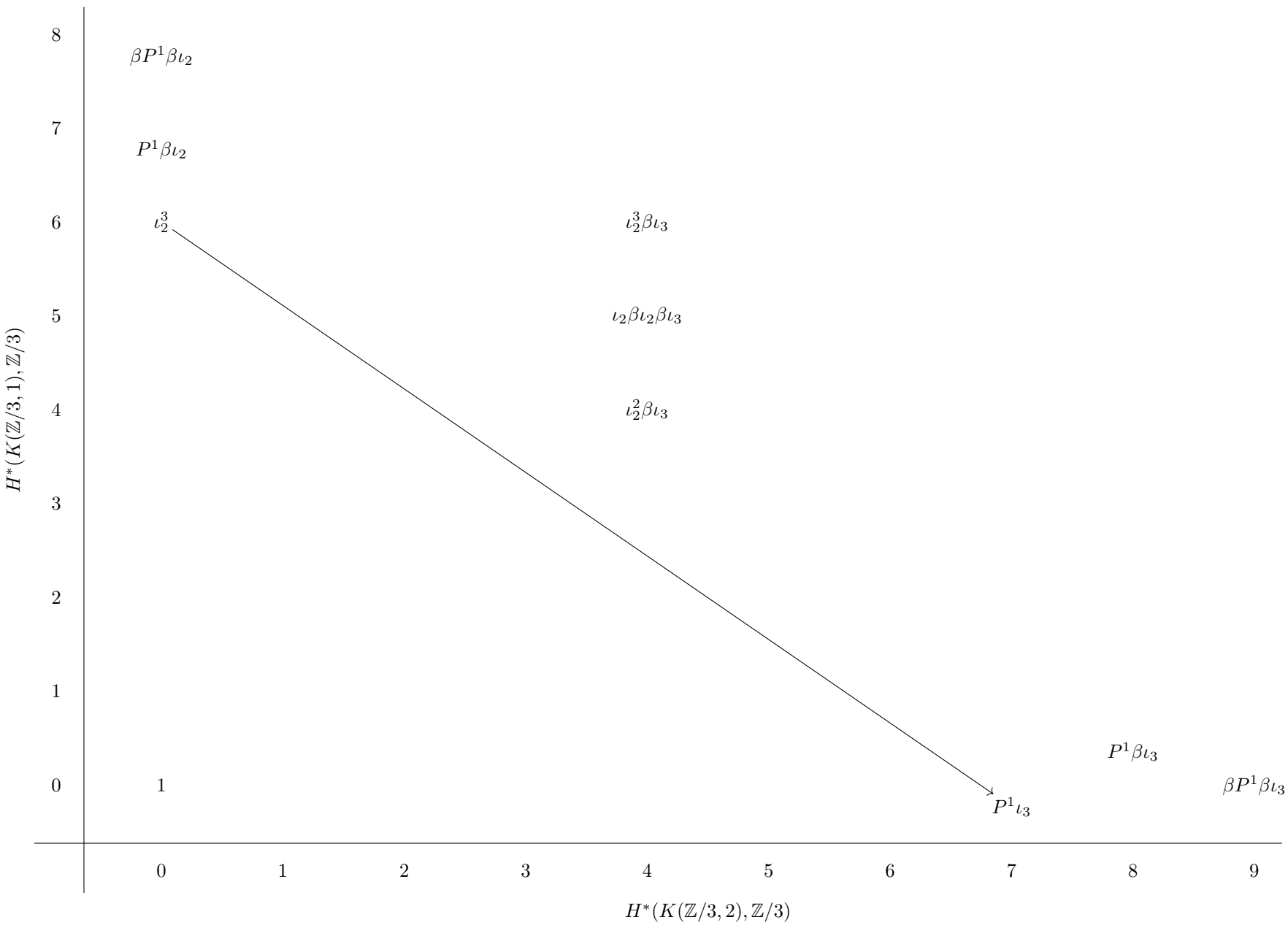
$H^*(K(\mathbb{Z}/3,2),\mathbb{Z}/3)$	1		$\iota_2 \xrightarrow{\beta^1} \beta\iota_2$		$\iota_2^2 \xrightarrow{\beta^1} \iota_2^2\beta$		$\iota_2^3 \xrightarrow{\beta^2} \iota_2^3\beta$	$P\beta\iota_2 \xrightarrow{\beta^1} \beta^2 P\iota_2$	$\iota_2^4 \xrightarrow{\beta^1}$
$H^*(K(\mathbb{Z}/3,2),\mathbb{Z})$	$\mathbb{Z}\{1\}$		$\mathbb{Z}/3\{\beta\iota_3\}$			$\mathbb{Z}/3\{\beta\iota_2^2\}$		$\mathbb{Z}/9\{\beta\iota_2^3\}$	$\mathbb{Z}/3\{\beta P^1\iota_2\}$
	0	1	2	3	4	5	6	7	8

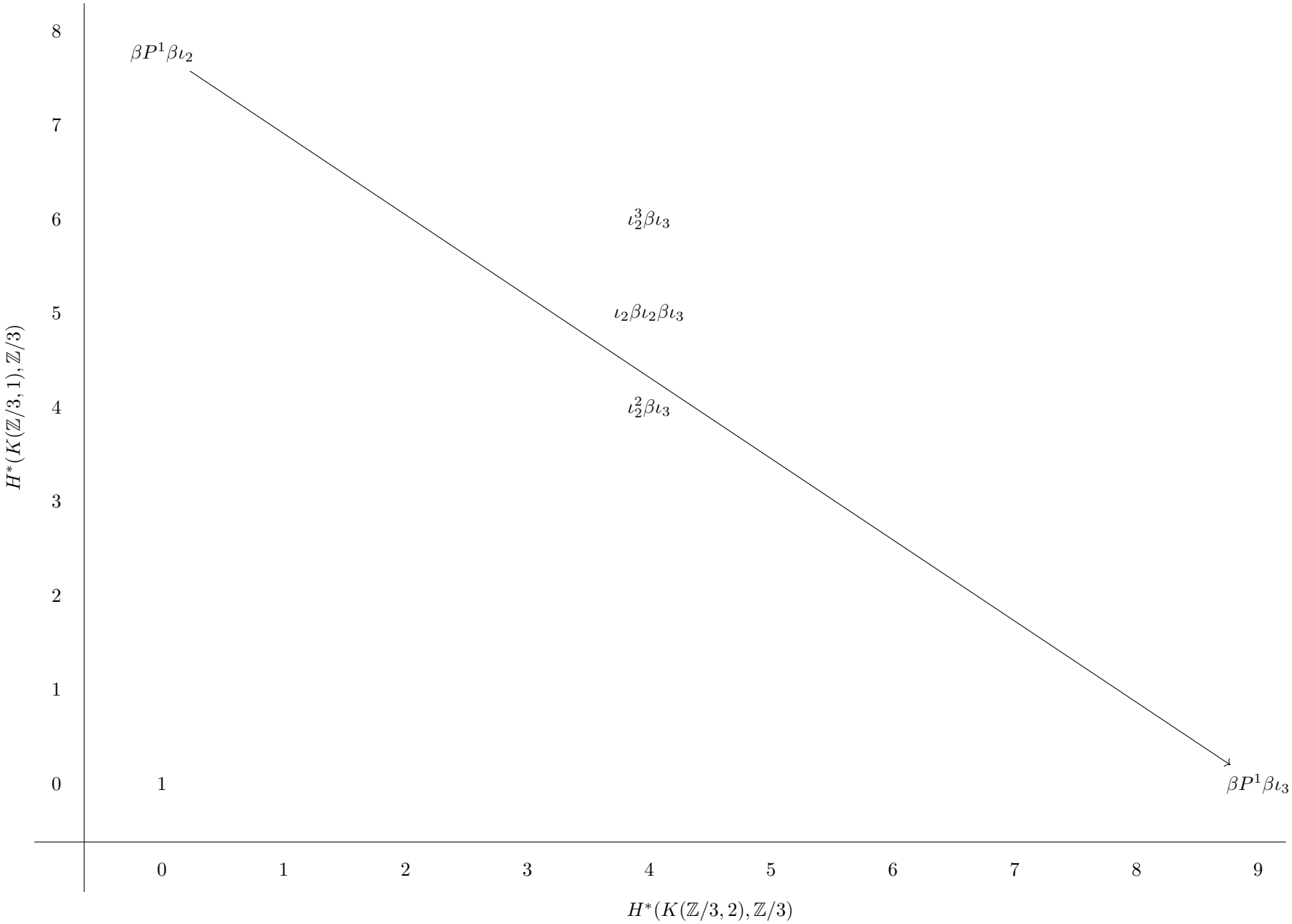
$H^*(K(\mathbb{Z}/3,1),\mathbb{Z}/3)$	0	1	2	3	4	5	6	7	8	9
8	ι_2^4 $\beta P^1\beta\iota_2$									
7	$\iota_2^2\beta\iota_2$ $P^1\beta\iota_2$									
6	ι_2^3			$\iota_2^3\iota_3$	$\iota_2^3\beta\iota_3$					
5	$\iota_2\beta\iota_2$			$\iota_2\beta\iota_2\iota_3$	$\iota_2\beta\iota_2\beta\iota_3$					
4	ι_2^2			$\iota_2^2\iota_3$	$\iota_2^2\beta\iota_3$					
3	$\beta\iota_2$			$\beta\iota_2\iota_3$	$\beta\iota_2\beta\iota_3$					
2	ι_2			$\iota_2\iota_3$	$\iota_2\beta\iota_3$					
1										
0	1			ι_3	$\beta\iota_3$			$\iota_3\beta\iota_3$ $P^1\iota_3$	$P^1\beta\iota_3$ $(\beta\iota_3)^2$ $\beta P^1\iota_3$	$\beta P^1\beta\iota_3$

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

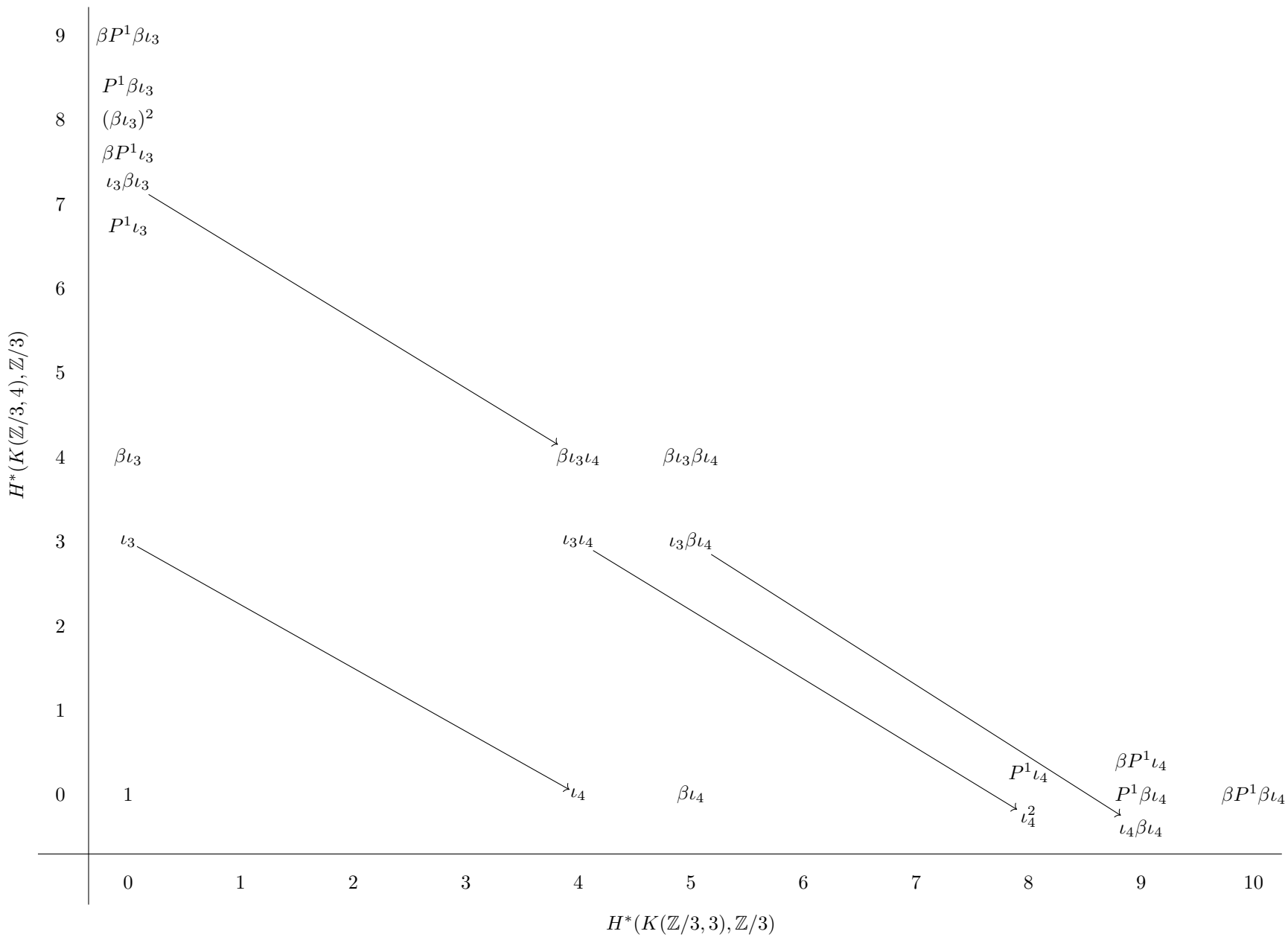

$H^*(K(\mathbb{Z}/3,1),\mathbb{Z}/3)$
8
7
6
5
4
3
2
1
0
$\beta P^1\beta\iota_2$
$P^1\beta\iota_2$
ι_2^3
$\iota_2^3\beta\iota_3$
$\iota_2\beta\iota_2\beta\iota_3$
$\iota_2^2\iota_3$
$\iota_2^2\beta\iota_3$
$\beta\iota_2$
$\beta\iota_2\beta\iota_3$
$P^1\beta\iota_3$
1
$\beta\iota_3$
$(\beta\iota_3)^2$
$\beta P^1\beta\iota_3$
$P^1\iota_3$
$\beta P^1\iota_3$
0
1
2
3
4
5
6
7
8
9
$H^*(K(\mathbb{Z}/3,2),\mathbb{Z}/3)$

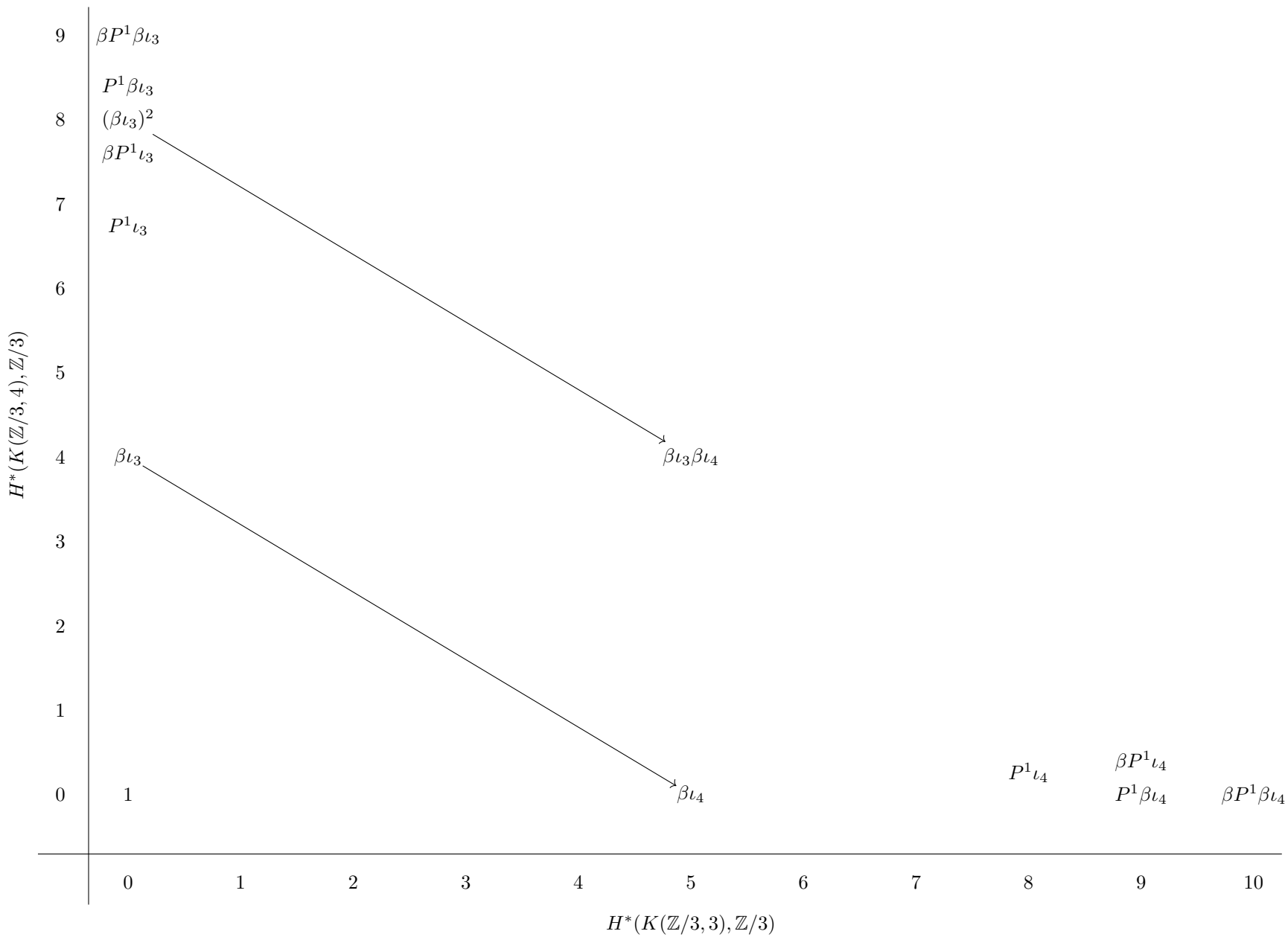

$H^*(K(\mathbb{Z}/3,1),\mathbb{Z}/3)$
8
7
6
5
4
3
2
1
0
$\beta P^1\beta\iota_2$
$P^1\beta\iota_2$
ι_2^3
$\iota_2^3\beta\iota_3$
$\iota_2\beta\iota_2\beta\iota_3$
$\iota_2^2\iota_3$
$\iota_2^2\beta\iota_3$
$P^1\beta\iota_3$
$\beta P^1\beta\iota_3$
1
$P^1\iota_3$
$\beta P^1\iota_3$
0
1
2
3
4
5
6
7
8
9
$H^*(K(\mathbb{Z}/3,2),\mathbb{Z}/3)$

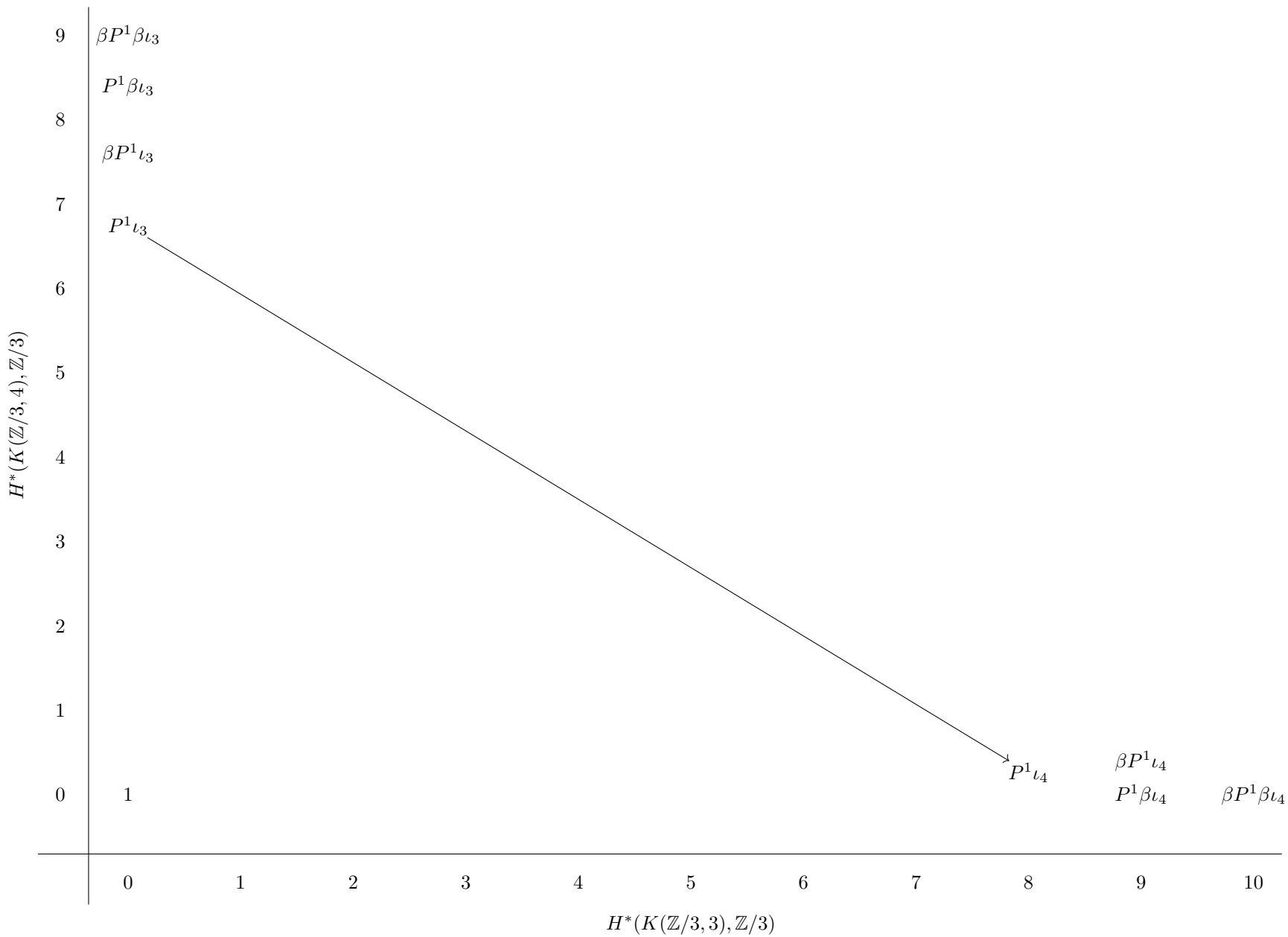

$\beta P^1\beta\iota_2$
$P^1\beta\iota_2$
ι_2^3
$\iota_2^3\beta\iota_3$
$\iota_2\beta\iota_2\beta\iota_3$
$\iota_2^2\beta\iota_3$
$P^1\beta\iota_3$
$\beta P^1\beta\iota_3$
1
$P^1\iota_3$
0 1 2 3 4 5 6 7 8
0 1 2 3 4 5 6 7 8 9
$H^*(K(\mathbb{Z}/3,1),\mathbb{Z}/3)$
$H^*(K(\mathbb{Z}/3,2),\mathbb{Z}/3)$

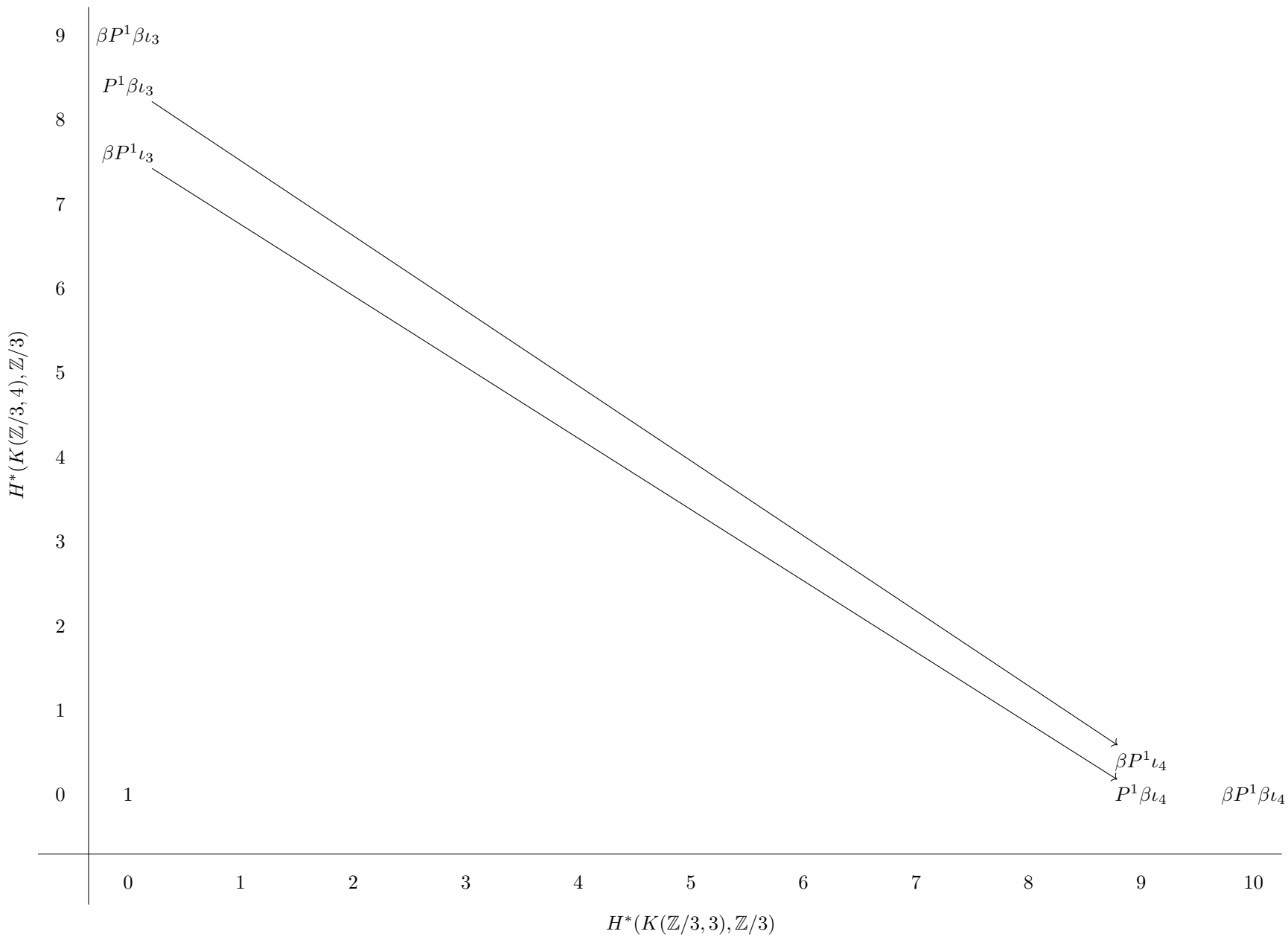

$\beta P^1 \beta \iota_2$
$\iota_2^3 \beta \iota_3$
$\iota_2 \beta \iota_2 \beta \iota_3$
$\iota_2^2 \beta \iota_3$
1
$\beta P^1 \beta \iota_3$
$H^*(K(\mathbb{Z}/3,1),\mathbb{Z}/3)$
$H^*(K(\mathbb{Z}/3,2),\mathbb{Z}/3)$
0
1
2
3
4
5
6
7
8
9

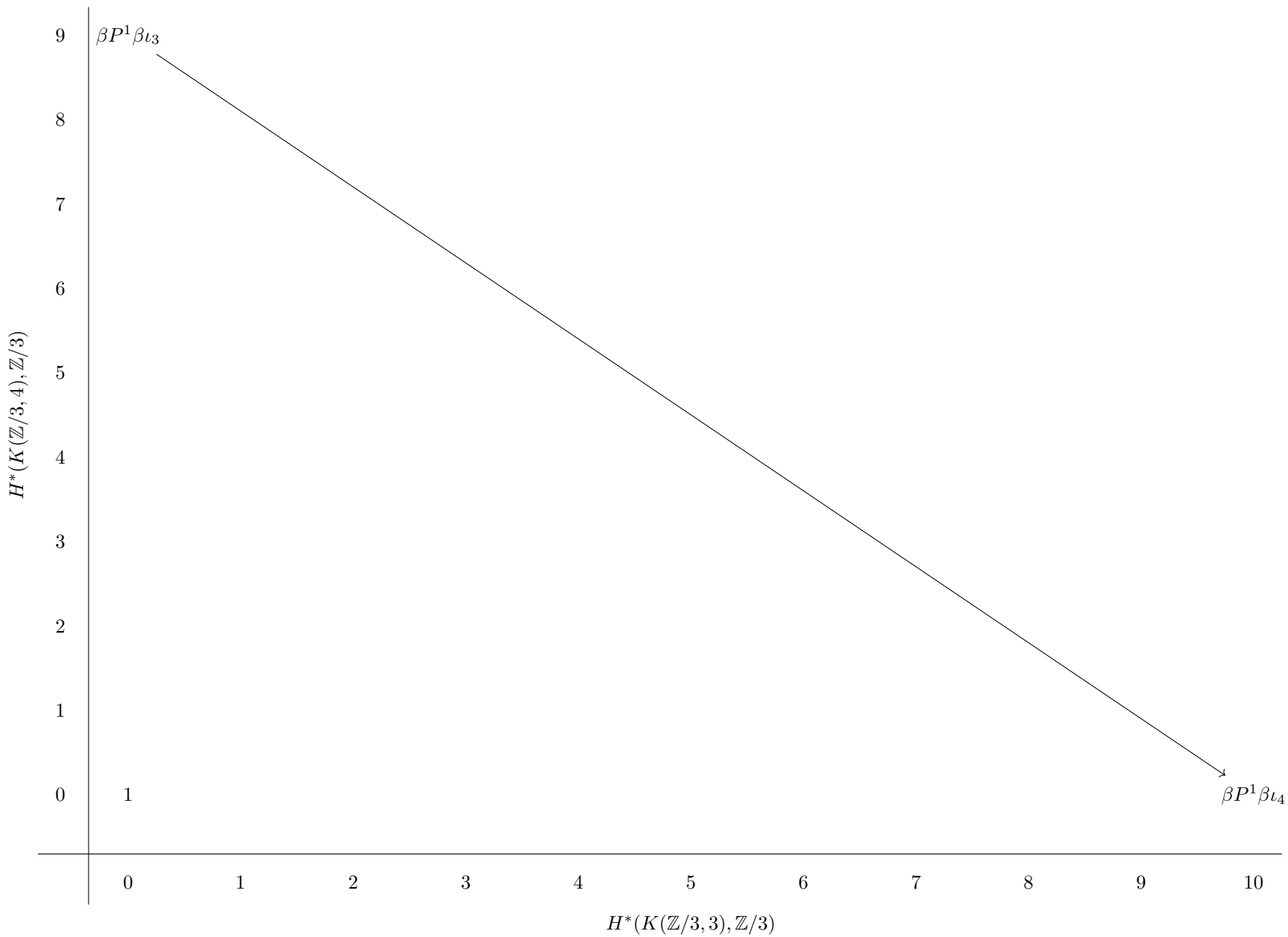
	0	1	2	3	4	5	6	7	8	9
$H^*(K(\mathbb{Z}/3,3),\mathbb{Z}/3)$	1			$\iota_3 \xrightarrow{\beta^1}$	$\beta\iota_3$			$\iota_3\beta\iota_3 \xrightarrow{\beta^1}$	$P^1\beta\iota_3$ $(\beta\iota_3)^2$ $P^1\iota_3 \xrightarrow{\beta^1}$ $\beta P^1\iota_3$	$\xrightarrow{\beta^1}$ $\beta P^1\beta\iota_3$
$H^*(K(\mathbb{Z}/3,3),\mathbb{Z})$	$\mathbb{Z}\{1\}$				$\mathbb{Z}/3\{\beta\iota_3\}$				$\mathbb{Z}/3\{\beta(\iota_3\beta\iota_3)\}$ $\mathbb{Z}/3\{\beta P^1\iota_3\}$	$\mathbb{Z}/3\{\beta P^1\beta\iota_3\}$


$H^*(K(\mathbb{Z}/3,4),\mathbb{Z}/3)$
9
8
7
6
5
4
3
2
1
0
$\beta P^1\beta\iota_3$
$P^1\beta\iota_3$
$(\beta\iota_3)^2$
$\beta P^1\iota_3$
$\iota_3\beta\iota_3$
$P^1\iota_3$
$\beta\iota_3$
ι_3
1
$\beta\iota_3\iota_4$
$\iota_3\iota_4$
ι_4
$\beta\iota_3\beta\iota_4$
$\iota_3\beta\iota_4$
$\beta\iota_4$
$P^1\iota_4$
ι_4^2
$\beta P^1\iota_4$
$P^1\beta\iota_4$
$\iota_4\beta\iota_4$
$\beta P^1\beta\iota_4$
0
1
2
3
4
5
6
7
8
9
10
$H^*(K(\mathbb{Z}/3,3),\mathbb{Z}/3)$


$H^*(K(\mathbb{Z}/3,4),\mathbb{Z}/3)$
9
8
7
6
5
4
3
2
1
0
$\beta P^1\beta\iota_3$
$P^1\beta\iota_3$
$(\beta\iota_3)^2$
$\beta P^1\iota_3$
$P^1\iota_3$
$\beta\iota_3$
$\beta\iota_3\beta\iota_4$
1
$\beta\iota_4$
$P^1\iota_4$
$\beta P^1\iota_4$
$P^1\beta\iota_4$
$\beta P^1\beta\iota_4$
0
1
2
3
4
5
6
7
8
9
10
$H^*(K(\mathbb{Z}/3,3),\mathbb{Z}/3)$


$\beta P^1\beta\iota_3$
$P^1\beta\iota_3$
$\beta P^1\iota_3$
$P^1\iota_3$
$P^1\iota_4$
$\beta P^1\iota_4$
$P^1\beta\iota_4$
$\beta P^1\beta\iota_4$
1
0
1
2
3
4
5
6
7
8
9
10
$H^*(K(\mathbb{Z}/3,4),\mathbb{Z}/3)$
$H^*(K(\mathbb{Z}/3,3),\mathbb{Z}/3)$


$\beta P^1\beta\iota_3$
$P^1\beta\iota_3$
$\beta P^1\iota_3$
$\beta P^1\iota_4$
$P^1\beta\iota_4$
$\beta P^1\beta\iota_4$
1
0 1 2 3 4 5 6 7 8 9
0 1 2 3 4 5 6 7 8 9 10
$H^*(K(\mathbb{Z}/3,4),\mathbb{Z}/3)$
$H^*(K(\mathbb{Z}/3,3),\mathbb{Z}/3)$


$\beta P^1 \beta \iota_3$
$\beta P^1 \beta \iota_4$
1
0
1
2
3
4
5
6
7
8
9
10
$H^*(K(\mathbb{Z}/3,3),\mathbb{Z}/3)$
0
1
2
3
4
5
6
7
8
9
$H^*(K(\mathbb{Z}/3,4),\mathbb{Z}/3)$

	0	1	2	3	4	5	6	7	8	9	10
$H^*(K(\mathbb{Z}/3,4),\mathbb{Z}/3)$	1				$\iota_4 \xrightarrow{\beta^1} \beta\iota_4$				$P^1\iota_4 \xrightarrow{\beta^1} \beta P^1\iota_4$, $\iota_4^2 \xrightarrow{\beta^1} \iota_4\beta\iota_4$	$P^1\beta\iota_4 \xrightarrow{\beta^1} \beta P^1\beta\iota_4$	
$H^*(K(\mathbb{Z}/3,4),\mathbb{Z})$	$\mathbb{Z}\{1\}$					$\mathbb{Z}/3\{\beta\iota_4\}$				$\mathbb{Z}/3\{\beta(\iota_4^2)\}$, $\mathbb{Z}/3\{\beta P^1\iota_4\}$	$\mathbb{Z}/3\{\beta P^1\beta\iota_4\}$