

琉球大学学術リポジトリ

Corrections to "On the Cohomology of the mod p Steenrod Algebra"

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**Corrections to "On the Cohomology of
the mod p Steenrod Algebra" ***

by

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In the above titled paper, the following corrections should be made.
The relation 11.g) in Theorem 3.3 should be replaced by

$$11. \text{ g). } \begin{aligned} k_{1,0} w = g_{2,0} x &\quad \text{if } p=3 \\ k_{1,l} w = 0, \quad 0 \leq l \leq p-3, &\quad \text{if } p \geq 5. \end{aligned}$$

The elements 17.h) and 44.c) in Theorem 4.4 should respectively be replaced by

$$\begin{aligned} 17. \text{ h). } \quad h_0 b_{0l}^k k_{1,l} b_{11}^2 &\in (2k+l+7, (2p^2+kp+lp+2p+l+2)q - 2k-7), \quad 1 \leq l \leq p-3 \\ 44. \text{ c). } \quad b_{11} k_{2,l} &\in (l+5, (2p^2+3p+lp+l+1)q - 5), \quad 0 \leq l \leq p-4 \end{aligned}$$

and the following elements should be added to the list of Theorem 4.4:

$$46. \text{ c). } \quad b_{01}^k g_{2,0} b_{11} x \in (2k+p+4, (3p^2+kp+2p+1)q - 2k-6), \quad k \leq 0.$$

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