CORRECTION TO "HIGHER OBSTRUCTIONS TO
SECTIONING A SPECIAL TYPE OF FIBRE BUNDLE"

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I am indebted to Emery Thomas for pointing out that the formula (a) of
Theorem 7.1 on p. 407 [1] was incorrect. It should be

\[ W_n-1(\xi) + W_{n-3}(\xi) \cup D + \cdots + W_2(\xi) \cup D^{(n-3)/2} \]

\[ \in H^{n-1}(X; \mathbb{Z}_2) \]

where \( D \) varies over the image of \( q_* : H^2(X; \mathbb{Z}) \to H^2(X; \mathbb{Z}_2) \)
and \( q_* \) is induced by the coefficients homomorphism.

My mistake came as follows. \( V_{n,2} \) can be considered as a homogeneous space of
\( G_1 = SO(n) \times SO(2) \) in many different ways. For example, let \( f_{i,1} : H_1 = SO(n-2) \times S^1 \to SO(n-2) \times SO(2) \times SO(2) \) be the embedding by the standard embedding on
the first factor but by the type \((l,1)\) on \( S^1 \to SO(2) \times SO(2) \). Let \( i : SO(n-2) \times SO(2) \times SO(2) \to SO(n) \times SO(2) \) be the standard embedding and \( h_{i,1} = i \circ f_{i,1} \).
Then \( G_1/h_{i,1}(H_1) \) is always diffeomorphic to \( V_{n,2} \), but they are different homogeneous spaces of \( G_1 \) for different \( l \)'s. The difference shows up, when we consider
the transgression of the fundamental class of the universal \( G_1/h_{i,1}(H_1) \)-bundle with
\( G_1 \) as the structural group. The manifold \( V_{n,2} \) on p. 408 should be \( G_1/h_{-1,1}(H_1) \)
which I mistakenly took as \( G_1/h_{0,1}(H_1) \). A comprehensive generalization of this
result was given recently by Thomas [2].

I believe that there is no effect on the other part of the paper.

REFERENCES

1. W.-C. Hsiang, Higher obstructions to sectioning a special type of fibre bundle, Trans.
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