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CORRECTION TO POINCARÉ COMPLEX THICKENINGS AND CONCORDANCE OBSTRUCTIONS

BY J. P. E. HODGSON

It has been pointed out to me that a calculation of D. Sullivan contradicts Theorem 3.3 of my paper *Poincaré complex thickenings and concordance obstructions* [1]. The calculation indicates the presence of 2-torsion in the homeotopy group of $S^9 \times S^{11}$. In fact my proof of Theorem 3.3 depended on a mistake in the computations with the J-homomorphism. It is quite easy to see that there is an element of order 2 in the kernel of $\pi_9(\mathrm{PL}) \to \pi_9(\mathcal{G})$ which would give rise to an element of order 2 in $JT^{22}(S^9 \vee S^{11})$, for in this case $\pi_9(\mathrm{PL})$ is of order 16, from the exact sequence $0 \to \pi_9(0) \to \pi_9(\mathrm{PL}) \to \Gamma_9 \to 0$ and $\pi_9(\mathcal{G})$ is of order 8.

REFERENCE

1. J. P. E. Hodgson, *Poincaré complex thickenings and concordance obstructions*, Bull. Amer. Math. Soc. **76** (1970), 1039–1043.

UNIVERSITY OF PENNSYLVANIA, PHILADELPHIA, PENNSYLVANIA 19104

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