

## CORRECTION TO POINCARÉ COMPLEX THICKENINGS AND CONCORDANCE OBSTRUCTIONS

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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  $\pi_9(\text{PL}) \rightarrow \pi_9(\mathcal{G})$  which would give rise to an element of order 2 in  $JT^{22}(S^9 \vee S^{11})$ , for in this case  $\pi_9(\text{PL})$  is of order 16, from the exact sequence  $0 \rightarrow \pi_9(0) \rightarrow \pi_9(\text{PL}) \rightarrow \Gamma_9 \rightarrow 0$  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.

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