

ADDENDUM TO “SIGNATURES AND HIGHER SIGNATURES OF
 S^1 -QUOTIENTS”

JOHN LOTT

Bernhard Hanke pointed out that in part 1 of Lemma 1, the case when $\text{codim}(F) = 2$ cannot occur, since the existence of a spin structure on M implies that the spin structure on the S^1 in the proof does extend to a spin structure on the bounding D^2 . This correspondingly simplifies the statements of Definition 6, Proposition 9 and Theorem 5.

DEPARTMENT OF MATHEMATICS, UNIVERSITY OF CALIFORNIA, BERKELEY
Email address: `lott@berkeley.edu`