ERRATA TO "THE NONTRIVIALITY OF
THE FIRST RATIONAL HOMOLOGY GROUP OF
SOME CONNECTED INVARIANT SUBSETS OF
PERIODIC TRANSFORMATIONS"

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The reference to [K1] in the proof of Theorem A should be replaced by [K, S] and [R]: the latter papers combine to give a correct proof for the result stated in [K1]. The proof of Theorem A as given works for $n \neq 4$. The case $n = 4$ follows from $n = 5$ by applying Theorem A to $M \times \mathbb{R}$ (equipped with action $\tilde{\mu}(g; [m, t]) = [\mu(g, m), t]$).

The hypotheses of Theorem C should include the following:
(a) $M^{n+2}$ is a closed manifold.
(b) If $G = Z_m$ in part (1) or $G_m \wr$ in part (2), then $G$ acts trivially on $\pi_1(M)$.

These hypotheses are used in the proof.

We thank D. Ruberman for pointing out the insufficiency and inaccuracy of reference [K1], and A. Edmonds for pointing out the obvious failure of Theorem C without the additional hypotheses.

The following misprints should be corrected:
- p. 705, line 6 from bottom: $H_\ast(MZ_m; Z_m)$ should be $\tilde{H}_\ast(MZ_m; Z_m)$.
- p. 705, line 5 from bottom: $H(M; Z_m)$ should be $H_\ast(M; Z_m)$.
- p. 706, line 2: $P_i \rightarrow K(\pi, 1)$ should be $P_i \rightarrow K(\pi, 1)$.
- p. 707, line 8: $M^Z\!$ should be $M^Z\!$.

REFERENCES


[R] D. Ruberman, Locally flat surfaces in four manifolds have normal bundles (to appear).

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