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

A. ASSADI AND D. BURGHELEA

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 $M \times \mathbf{R}$ (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 $G_{m,r}$ 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: $\tilde{H}_*(M^{Z_m}; Z_m)$ should be $H_*(\tilde{M}^{Z_m}; Z_m)$.

p. 705, line 5 from bottom: $H(M; Z_m)$ should be $H_*(\tilde{M}; Z_m)$.

p. 706, line 2: $\tilde{P}_i \to K(\pi, 1)$ should be $P_i \to K(\pi, 1)$.

p. 707, line 8: M^{Z_n} should be M^{Z_r}.

REFERENCES

[A, S] A. Assadi and D. Burghelea, *The nontriviality of the first rational homology group of some connected invariant subsets of periodic transformations*, Proc. Amer. Math. Soc. **88** (1983), 701–707.

[K, S] R. Kirby and L. Siebenmann, *Normal bundles for codimension 2 locally flat embeddings*, Proc. Topology Conf. (Park City, Utah, 1974), Lecture Notes in Math., vol. 438, Springer, New York, 1975, pp. 310–324.

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

DEPARTMENT OF MATHEMATICS, UNIVERSITY OF VIRGINIA, CHARLOTTESVILLE, VIRGINIA 22903

DEPARTMENT OF MATHEMATICS, OHIO STATE UNIVERSITY, COLUMBUS, OHIO 43210