

**ERRATA TO
“GROWTH OF EQUIVARIANT HARMONIC MAPS
AND HARMONIC MORPHISMS”**

ATSUSHI KASUE and TAKUMI WASHIO

This Journal, vol. 27 (1990), 899–928

(Received September 2, 1991)

1. The first condition (1) of Theorem 3.2 (p.923) should be corrected as follows:

(1) *The Ricci curvature Ricci_M of M satisfies*

$$(3.1) \quad (0 \leq) \text{Ricci}_M \leq \frac{c_1}{r_M^2}$$

for some constant $c_1 > 0$, and moreover the injectivity radius $\text{inj}_M(x)$ of M grows at least linearly, namely,

$$(3.2) \quad \text{inj}_M(x) \geq c_2 r_M(x)$$

for some constant $c_2 > 0$.

2. Correspondingly the second remark just after Theorem 3.2 should be read as follows:

(2) In Theorem 3.2, we can replace condition (1) with the following:

(1)' *The sectional curvature K_M of M satisfies*

$$(3.1)' \quad K_M \leq \frac{c_1}{r_M^2}$$

for some constant $c_1 > 0$, and moreover M has the maximal volume growth, namely,

$$(3.2)' \quad \text{Vol}(B_M(t)) \geq c_2 t^m$$

for some constant $c_2 > 0$, where $m = \dim M$.

In fact, we can derive condition (3.2) from these conditions (3.1)' and (3.2)' together with the nonnegativity of the Ricci curvature of M (cf. [10]).

3. Finally, reference [10] should be replaced with the following:

References

- [10] J. Cheeger, M. Gromov and M. Taylor: *Finite propagation speed, kernel estimates for functions of the Laplace operator, and the geometry of complete Riemannian manifolds*, J. Differential Geometry **17** (1982), 15–53.

Atsushi KASUE
Department of Mathematics
Osaka University
Toyonaka, Osaka 560/Japan

Takumi WASHIO
NEC Fuchu-Ryo
1–10, Nishin-cho Fuchu
Tokyo 183/Japan