CORRECTION TO "A FIXED POINT APPROACH TO HOMOLOGICAL PERTURBATION THEORY"

DONALD W. BARNES AND LARRY A. LAMBE

(Communicated by Lance W. Small)

ABSTRACT. We correct a formula from which a term was omitted.

In our paper [1], a term was omitted from the "obvious transfer" given at the start of section 6. The formula as given does not construct the differential for SDR-data as it vanishes on the direct summand ker $f$. For SDR-data, this summand must have zero homology. The formula for the differential $\xi$ should read

$$\xi = \nabla d'f + d_A(1 - \nabla f),$$

that is, $\xi$ on the direct summand $\text{im} \nabla$ is $\nabla d'f$ as given in [1], and is $d_A$ on ker $f$.

REFERENCES


1 LITTLE WONGA ROAD, CREMORNE, NEW SOUTH WALES 2090, AUSTRALIA
E-mail address: donb@netspace.net.au

CENTRE FOR INNOVATIVE COMPUTATION, UNIVERSITY OF WALES, BANGOR, GWYNEDD, LL57 1UT, UNITED KINGDOM
E-mail address: l.lambe@bangor.ac.uk