

## CORRECTION TO “A FIXED POINT APPROACH TO HOMOLOGICAL PERTURBATION THEORY”

DONALD W. BARNES AND LARRY A. LAMBE

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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  $\operatorname{im} \nabla$  is  $\nabla d'f$  as given in [1], and is  $d_A$  on  $\ker f$ .

### REFERENCES

- [1] D. W. Barnes and L. A. Lambe, *A fixed point approach to homological perturbation theory*, Proc. Amer. Math. Soc. **112** (1991), 881–892. MR **91j**:55019

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

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