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ERRORS IN THE PAPER " EVEN SETS OF NODES ARE BUNDLE SYMMETRIC"

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As pointed out by D. Van Straten to the second author, the correct definition of the module W on page 240 of [1] is (as in the paper by C. Walter cited ibidem) the following:

$$W := \begin{cases} \bigoplus_{m > (d-4+\delta)/2} H^1(F, \mathcal{F}(m)) & \text{if } d+\delta \text{ is odd,} \\ \bigoplus_{m > (d-4+\delta)/2} H^1(F, \mathcal{F}(m)) \oplus U & \text{if } d+\delta \text{ is even.} \end{cases}$$

In fact W has to be a submodule and not a quotient module of the intermediate cohomology of \mathcal{F} . With this modification all the proofs of sections 1, 2 and 3 up to subsection 3.7 remain valid.

However the proof of proposition 3.8.1 on page 253 is heavily based on the wrong definition of W, since it implies certain vanishing results. Unfortunately, up to now, we have been unable to amend the proof of proposition 3.8.1 according to the correct definition of W. It follows that the proofs of theorems 0.5 and 3.8.2 are incorrect.

In any case we would like to see whether, with different proofs, the statements of the mentioned theorems hold true.

References

 G. Casnati, & F. Catanese, Even sets of nodes are bundle-symmetric, J. Differential Geom. 47 (1997) 237-256.

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