

Erratum: Keeping matter in the loop in dS_3 quantum gravity

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The expression in (3.83) is incorrect due to an extra condition on global regularity of solutions contributing poles to Z_{scalar} . A more proper treatment of the scalar one-loop determinant can be found in [1]. However the procedures following (3.83) apply to the result there and lead to the same Wilson spool, (3.89). The broad conclusions of section 3.3.2 and the rest of the paper remain unchanged.

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References

- [1] R. Bourne, A. Castro and J.R. Fliss, *Spinning up the spool: Massive spinning fields in 3d quantum gravity*, [arXiv:2407.09608](#) [[INSPIRE](#)].