

CORRIGENDUM FOR “BANACH SPACES ADAPTED TO ANOSOV SYSTEMS”

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The proof of Theorem 8.1 in [GL06] is not correct: it implicitly uses the fact that the operator $(z - \mathcal{L}_0)^{-1}$ is a bounded operator on \mathcal{B}^0 at the penultimate line of the proof, while this is not true in general.

The theorem is still true. It suffices to use [KL99, equation (11)] to estimate $(z - \mathcal{L}_0)^{-1}$. This is what is done in [Gou10, Theorem 3.3], where a stronger statement than Theorem 8.1 is given, with a correct proof.

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REFERENCES

- [GL06] Sébastien Gouëzel and Carlangelo Liverani, *Banach spaces adapted to Anosov systems*, Ergodic Theory Dynam. Systems **26** (2006), 189–217. MR2201945. Cited page 1.
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- [KL99] Gerhard Keller and Carlangelo Liverani, *Stability of the spectrum for transfer operators*, Ann. Scuola Norm. Sup. Pisa Cl. Sci. (4) **28** (1999), no. 1, 141–152. 1679080. Cited page 1.

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