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Spectral Rigidity in the Large Modal Overlap Regime: Beyond the Ericson-Schroeder Hypothesis

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Erratum

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Some misprints appeared in our paper.
In the Appendix, formula (A.3) should read

$$\langle z(x + X)z(x) \rangle - \langle z \rangle^2 = \delta(X) - Y_2(X),$$

and formula (A.4)

$$S(s; \lambda) = \int_{-\infty}^{+\infty} e^{i\lambda X} \langle s(x + X)s(x) \rangle dX.$$

On page 1005 the correct formula (5) reads

$$2 \int_0^{\infty} \cos \lambda x R(x) dx = e^{-\gamma|\lambda|} [1 - b(\lambda)],$$