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

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► **To cite this version:**

Olivier Legrand, Fabrice Mortessagne, Didier Sornette. Spectral Rigidity in the Large Modal Overlap Regime: Beyond the Ericson-Schroeder Hypothesis. *Journal de Physique I*, 1995, 5 (11), pp.1517-1517. 10.1051/jp1:1995214 . jpa-00247154

HAL Id: jpa-00247154

<https://hal.science/jpa-00247154>

Submitted on 4 Feb 2008

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Erratum

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J. Phys. I France **5** (1995) 1003-1010

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

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