
ERRATA

Erratum: Rate of quantum ergodicity in Euclidean billiards
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There is a mistake on page 5439. The numerically obtained quantity $S_2(E, \chi_{D_i})$ is compared for the cardioid billiard with the theoretical prediction from [1]. For two of the eight domains D_i the rate is in good agreement with the predicted decay proportional to $E^{-1/2}$, such that a comparison of the prefactor with the semiclassical result can be performed only for these domains. In the computation of the prefactor according to [1] we missed a factor $\frac{1}{2}$; the corrected predictions for $S_2(E, \chi_{D_i})$ are $S_2(E, \chi_{D_4}) = 0.0031E^{-1/2}$ and $S_2(E, \chi_{D_5}) = 0.0037E^{-1/2}$. They have to be compared with the numerical results $S_2^{\text{fit}}(E, \chi_{D_4}) = 0.0036E^{-0.47}$ and $S_2^{\text{fit}}(E, \chi_{D_5}) = 0.0031E^{-0.48}$. The agreement for these two domains is now quite good and is of similar quality as observed in [1] for the baker's map. None of the other results presented in the paper are affected by this change.

[1] B. Eckhard, S. Fishman, J. Keating, O. Agam, J. Main, and K. Müller, Phys. Rev. E **52**, 5893 (1995).

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