

Casati, Chirikov, and Guarneri Respond: The Comment by Seligman and Verbaarschot¹ follows a previous Comment by Feingold.² Thanks to numerical data presented by these authors and to the theoretical analysis given by Berry,³ we have now a fairly complete understanding of the meaning of the deviations from Poisson statistics we pointed out in our paper.⁴ However, all these papers may leave the impression that also the anomaly in the Δ_3 statistic indicated by us disappears in the "semiclassical limit." We would like to stress that this is not actually the case. Indeed, according to our estimate (2) of Ref. 4 (which is confirmed both by numerical computations^{2,4} and by the theory subsequently derived by Berry³), the energy width $(\Delta E)_{\text{cr}}$ within which $\bar{\Delta}_3(L) \approx L/15$ is of the order $(\Delta E)_{\text{cr}} \sim \sqrt{E} \sim \omega$ ($\hbar = 1$), i.e., of the classical frequency of the motion. Then, since in the semiclassical region one should consider only $\Delta E \gg \omega$ (one quantum), the Δ_3 statistic, for the considered integrable system, is *always different than for uncorrelated Poisson statistics*. The same remains true in the multidimensional case, because the relation $(\Delta E)_{\text{cr}} \sim \omega$ holds for

any number of dimensions [see Eq. (4) in Ref. 4].

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¹T. H. Seligman and J. J. M. Verbaarschot, preceding Comment [Phys. Rev. Lett. **56**, 2767 (1986)].

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