

On the connection between irregular trajectories and the distribution of quantum level spacings

This article has been downloaded from IOPscience. Please scroll down to see the full text article.

1985 J. Phys. A: Math. Gen. 18 1047

(<http://iopscience.iop.org/0305-4470/18/6/528>)

View [the table of contents for this issue](#), or go to the [journal homepage](#) for more

Download details:

IP Address: 129.252.86.83

The article was downloaded on 31/05/2010 at 09:35

Please note that [terms and conditions apply](#).

Corrigendum

On the connection between irregular trajectories and the distribution of quantum level spacings

Meyer H-D, Haller E, Köppel H and Cederbaum L S 1984 *J. Phys. A: Math. Gen.* 17 L831-6

There are errors in equation (1) and in the second part of equation (2) of this letter.

Equation (1) should read

$$P(q, S) = \exp[-(1-q)S - 1/4\pi q^2 S^2] \{1 - q^2 + 1/2\pi q^3 S - (1-q)^2 R(qS)\}.$$

Equation (2) should read

$$R(z) = \int_0^\infty \exp(-1/4\pi t^2) [1 - \exp(-1/2\pi zt)] dt.$$