

## Errata

### Erratum: Generalized dimensions and entropies from a measured time series [Phys. Rev. A 35, 481 (1987)]

K. Pawelzik and H. G. Schuster

We would like to replace Ref. 10 in our paper by the following.

<sup>10</sup>Similar quantities that were used to characterize inhomogeneous attractors have also been considered by G. Paladin and A. Vulpiani [Lett. Nuovo Cimento **46**, 82 (1984)]. The connection between their quantities and the  $D_q$ 's could have been inferred from their work.

After our paper was published, another article by these authors<sup>1</sup> appeared in which they developed, essentially parallel to us, a similar algorithm for the entropies  $K_q$ .

<sup>1</sup>G. Paladin and A. Vulpiani, J. Phys. A **19**, L997 (1986).

### Erratum: Exact matrix elements of the Uehling potential in a basis of explicitly correlated two-particle functions [Phys. Rev. A 35, 4055 (1987)]

Piotr Petelenz and Vedene H. Smith, Jr.

There are some errors in the equations of this paper. In Eq. (5),  $(r_1 r_2 r)$  should be replaced by  $(r_1 r_2 r)^{-1}$ .

In Eq. (9), the first factor in the first term on the right-hand side (RHS) should read  $2(1-pq)$ , instead of  $(3+p+q-pq)$ .

In the definitions of  $K$  and  $T$  after Eqs. (9) and (10), respectively, there should be an additional factor of  $(-p)^{1/2}$  in the denominator. Analogously, in the definitions of  $L$  and  $U$ , there should be an additional factor of  $(-q)^{1/2}$  in the denominator. In the definition of  $Q$ , the denominator of the second term on the RHS should be  $4(p-q)$  instead of  $2(p-q)$ .

In Eq. (11) the following replacements should be consistently made:

$$\begin{aligned} (8\rho + \frac{5}{3}) &\rightarrow (11\rho + \frac{5}{3}), \\ -(\rho + \frac{1}{3}) &\rightarrow +(2\rho - \frac{1}{3}), \\ (10\rho + \frac{7}{3}) &\rightarrow (7\rho + \frac{7}{3}), \\ (19\rho + \frac{13}{3}) &\rightarrow (16\rho + \frac{13}{3}), \\ (28\rho + \frac{37}{3}) &\rightarrow (25\rho + \frac{19}{3}). \end{aligned}$$

In the third term on the RHS (proportional to  $p'$ ) of Eq. (11), the following replacements should be made:

$$\begin{aligned} [g_1(q) - g_1(p)] &\rightarrow [g_1(p) - g_1(q)], \\ \frac{g'_1(p)}{(p-q)^2} &\rightarrow \frac{g'_1(p)}{(p-q)}. \end{aligned}$$

The definitions of  $g_2(x)$  and  $g'_2(x)$  on p. 4058 should read