Errata

Erratum: General new-time formalism in the path integral [Phys. Rev. A 30, 1629 (1984)]

Namik K. Pak and I. Sokmen

It has been brought to our attention that a discussion of the canonical noninvariance properties of the path-integral measure similar to that given in Sec. II of our paper, is contained in an earlier paper by C. Gerry [J. Math. Phys. 24, 874 (1983)], however, with a result which differs from ours. The error which led to the incorrect result of that paper has recently been corrected in an Erratum: C. Gerry, J. Math. Phys. 26, 1436 (1985).

Erratum: Small-signal amplification in bifurcating dynamical systems [Phys. Rev. A 33, 629 (1986)]

Kurt Wiesenfeld and Bruce McNamara

We failed to give proper credit to our Ref. 9,¹ which predates our main reference.² In their paper on one-dimensional iterated maps, Heldstab, Thomas, Geisel, and Radons calculated in detail the extreme sensitivity of these systems to (both random and coherent) perturbations near the onset of period doubling bifurcations. From their results one can infer that, in the language of our paper, period doubling systems can act as small-signal amplifiers. Our work demonstrates that this result carries over to systems of ordinary differential equations, and that amplification also occurs near the onset of a variety of other codimension-1 bifurcations.²

¹J. Heldstab, H. Thomas, T. Geisel, and G. Radons, Z. Phys. B 50, 141 (1983).

²K. Wiesenfeld and B. McNamara, Phys. Rev. Lett. 55, 13 (1985).

Erratum: Macroscopic dynamics near the nematic-columnar transition in liquid crystals [Phys. Rev. A 33, 643 (1986)]

Helmut R. Brand

The following typographical errors should be corrected in Eqs. (10) and (11).

In Eq. (10), X_i^R should be replaced by Z_i^R and X_m by X_m^R .

In Eq. (11), X_i^D should be replaced by Z_i^D and j_m^D by X_m^D .