

ERRATA

Erratum: Stationary probability distribution near stable limit cycles far from Hopf bifurcation points [Phys. Rev. E 48, 1646 (1993)]

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PACS number(s): 05.40.+j, 99.10.+g

We did not specify that the proof we gave in the Appendix holds provided the matrix $\hat{U}(t)$ is Hermitian. In the general case this matrix is non-Hermitian, and the matrix \hat{S} used to diagonalize $\hat{U}(t)$ is not unitary. However, the result we were proving (that the probability distribution is Gaussian in the directions transverse to the limit cycle) applies for a non-Hermitian $\hat{U}(t)$. Generalization of the proof is straightforward and will be presented elsewhere.

1063-651X/95/52(6)/6916(1)/\$06.00

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Erratum: Phase ordering dynamics of cosmological models [Phys. Rev. E 50, 2523 (1994)]

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PACS number(s): 64.60.Cn, 64.60.My, 98.80.Cq, 99.10.+g

On p. 2528 (top of first column) where it reads “to obey $|\phi| < 1$ at all times . . .” it should read “to obey $|\phi| \leq 1$ at all times . . .”. On p. 2529 (middle of first column) where it reads “scaling function $f_{LG} = C(1,2)_{LG}$. . .” it should read “scaling function $f_{LG}(x, q) = C(1,2)_{LG}$. . .”. On p. 2530 [after Eq. (41)] where it reads “e.g., (23), or by . . .” it should read “e.g., (22), or by . . .”. Equation (45) should read as follows:

$$f(x, q) \simeq f_{\infty}(x, q) \\ \simeq \frac{B[(\alpha+1)/2, \frac{1}{2}]}{4(\alpha+1)B(\alpha, \frac{3}{2})} \frac{[(q+1)/2]^{\alpha+1}}{q^{\alpha/2}} (1+q-x)^{1+\alpha} \quad (x \rightarrow q+1). \quad (45)$$

Equation (50) should read as follows:

$$\langle (\nabla \phi)^2 \rangle = C_{\gamma}(1, 1) \frac{\langle (\nabla \mathbf{m})^2 \rangle}{S_0} = C_{\gamma}(1, 1) \langle (\nabla \phi)^2 \rangle_{\infty}. \quad (50)$$

The first line of Eq. (51) should read as follows:

$$\langle \phi^2 \rangle_{\infty} = \gamma_{\infty}(\dot{1}, \dot{2})_{2 \rightarrow 1} \equiv \gamma_{\infty}(\dot{1}, \dot{1}) = \frac{T_0}{(\alpha-2)\eta_1^2}. \quad (51)$$

On p. 2532 (top of first column) where it reads “is $w \equiv 2/\sigma, \dots$ ” it should read “is $w \equiv 4/\sigma, \dots$ ”. On the same page [after Eq. (56)] the equation

$$\langle \phi'^2 \rangle = \int_{-\infty}^{\infty} dm P(m) \phi'^2 = \sigma P(0)$$

should read