ERRATA

Erratum: Border collision bifurcations in two-dimensional piecewise smooth maps [Phys. Rev. E 59, 4052 (1999)]

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A few corrections should be incorporated in our paper. The labeling of the abscissa in Fig. 5(a) was not printed and should read $\hat{x}, \tilde{x}$. On page 4056, first column, 11th line from the bottom, the word ''determination'' should be replaced by ''determinant.'' Also, in the same page, Eq. (8) should be dropped since it is valid only if the determinants are positive. Instead, the first sentence after Eq. (8) should be replaced by ''Since the line of discontinuous derivative of the inverse map lies along the x axis, and points on the x axis map to points on the y axis, we conclude that the stable manifold must have different slopes at the two sides of the y axis.'' On page 4059, Eq. (13) should be graphed in region 6 of Fig. 6 (on page 4057) as a curve that is asymptotic both to the τ_R axis and to the $-(1+\delta_R)$ line. In Refs. [3] and [5], the first author's name should be H. E. Nusse.

On page 4054, at the end of the first paragraph in Sec. III, the following should be added: ''For the sake of completeness, we now present the derivation of the normal form. This form first appeared in Ref. [5] and its derivation first appeared in Ref. [19].'' On page 4057, the first sentence of the last paragraph before Sec. IV A should read ''We now present a detailed partitioning of the parameter space as shown in Fig. 6. An earlier incomplete version appeared in Ref. [19].''

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[19] G. H. Yuan, Ph.D. thesis, University of Maryland, 1997 (unpublished).