
ERRATA

FRactal Basin Boundaries, Long-Lived Chaotic Transients, and Unstable-Unstable Pair Bifurcation. Celso Grebogi, Edward Ott, and James A. Yorke [Phys. Rev. Lett. 50, 935 (1983)].

The third sentence of the third paragraph of our Letter should be changed to: "We find that, for a two-dimensional map, fractal basin boundaries which are curves [i.e., can be represented parametrically as $\vec{x} = \vec{f}(t)$ with $\vec{f}(t)$ a continuous two-dimensional vector function of t] can occur only if the map is noninvertible."

In the second sentence of the fourth paragraph insert the phrase, "which are curves," following the word "boundaries."

These changes are motivated by the fact that fractal basin boundaries which are not curves have been previously known to exist¹ and occur for two-dimensional invertible maps as a result of so-called "horse shoes"² in the dynamics. We thank John Guckenheimer for pointing this out.

¹See, for example, M. Levy, Mem. Am. Math. Soc. 32, 244 (1981); N. Levinson, Ann. Math. 50, 127 (1949); M. L. Cartwright and J. E. Littlewood, J. London Math. Soc. 20, 180 (1945).

²S. Smale, Bull. Am. Math. Soc. 73, 747 (1967).

Compression of Spin-Polarized Hydrogen to High Density. R. Sprik, J. T. M. Walraven, and Isaac F. Silvera [Phys. Rev. Lett. 51, 479 (1983)].

The following final paragraph was inadvertently left off:

Note added.—After our measurements were completed we were informed that the MIT group (see following Letter) had independent evidence for the three-body recombination process (T. J. Greytak, private communication).