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Errata to 'Hausdorff dimension for horseshoes'

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In our paper 'Hausdorff dimension for horseshoes' (H. McCluskey and A. Manning, *Ergod. Th. & Dynam. Sys.* (1983) **3**, 251–260), § 3 entitled 'Continuity across a bifurcation' should be deleted since the proof of theorem 3 there is wrong.

The mistake is that '$P(\phi_q^s) \to 0$ as $q \to q_0^+$' does not in fact imply that $\delta_s \to 1$. This is because, for $q = q_0$, the function ϕ_q^s is only non-positive rather than negative and so $P(t\phi_q^s)$ is not a *strictly* decreasing function of t. (Thus the pressure curve in figure 3 may, for $q = q_0$, have become horizontal before $t = 1$.) A similar mistake occurs in the second half of the same proof. Thus the claim of theorem 3 that the Hausdorff dimension of the basic set changes continuously in the bifurcation from Anosov to DA remains unproved. The rest of the paper is not affected.