

Typos in the paper "Stable limits for probability preserving maps with indifferent fixed points" by R. Zweimüller, Stochastics and Dynamics 3 (2003), 83-99.

There is a (rather obvious) typo that appears twice in the printed version of this paper: On p.89, at the beginning of section 3, we are interested in bounded regularity of the *derivatives* v' of the inverse branches v , not of the v themselves. The correct version reads:

... Recall that the *regularity* of a positive differentiable function v on an interval J is given by $R_J(v) := \sup_J |v'|/v$, cf. [23]. It is straightforward that a piecewise \mathcal{C}^2 -map T on the interval satisfies the classical *Adler folklore condition* $\sup_X |T''|/(T')^2 < \infty$ iff the derivatives v' of its inverse branches v have uniformly bounded regularity.

Lemma 1 (*Inducing Adler's condition*) *Let $v \in \mathcal{C}^1([0, \varepsilon_0]) \cap \mathcal{C}^2((0, \varepsilon_0])$ be a concave function satisfying $0 < v(x) < x$ for $x \in (0, \varepsilon_0]$, $v'(0) = 1$, and $v' > 0$. Assume that there is some decreasing function H on $(0, \varepsilon_0]$ with $\int H d\lambda < \infty$ such that $|v''| \leq H$. Then the sequence $((v^n)')_{n \geq 1}$ has uniformly bounded regularity on compact subsets of $(0, \varepsilon_0]$, i.e. $\sup_{n \geq 1} R_{[\varepsilon, \varepsilon_0]}((v^n)') < \infty$ for any $\varepsilon \in (0, \varepsilon_0)$.*

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