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ERRATUM

Entropy, horseshoes and homoclinic trajectories on trees, graphs and dendrites – ERRATUM

ZDENĚK KOČAN, VERONIKA KORNECKÁ-KURKOVÁ and MICHAL MÁLEK

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The statement of Theorem 1 in the original article [**1**] was printed incorrectly: the sentence 'which implies that' is missing between properties (3) and (4), thus the statement of the theorem is different from what is proved. The theorem should read as follows.

THEOREM 1. *Let f be a continuous map of a graph. The following two properties are equivalent:*
(1) $h(f) > 0$*;*
(2) *there is an n such that f^n has a horseshoe.*
Each of these properties implies that:
(3) *f has an eventually periodic homoclinic trajectory;*
which implies that:
(4) *f has a homoclinic trajectory.*
There is no other implication between these four properties (except for the implications that follow by transitivity).

If the graph is a tree, then all of these properties are mutually equivalent.

REFERENCE

[1] Z. Kočan, V. Kornecká-Kurková and M. Málek. Entropy, horseshoes and homoclinic trajectories on trees, graphs and dendrites, *Ergod. Th. & Dynam. Sys.* to appear.

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