

Overlapping iterated function systems on a segment

Barnsley M., Igudesman K.

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

Overlapping iterated function systems generate families of injective mappings from the attractor onto shift-invariant subsets of the code space. In this paper we consider an example of such a family for the uniformly linear systems of iterated functions on the unit segment. © Allerton Press, Inc., 2012.

<http://dx.doi.org/10.3103/S1066369X12120018>

Keywords

Attractor, Dynamical system, Iterated function systems