Matrices over a semiring of binary relations and V - variable fractals

Biserov D., Igudesman K.
Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

In this paper we prove that V -variable fractal sets are limits of infinite products of matrices over the semiring of binary relations on a compact metric space. © Allerton Press, Inc., 2011.

Keywords

Attractor, Binary relations, Iterated function systems, Matrices over a semiring, V -variable fractal