Dynamical analytic multifunctions

Marta Kosek   Marta.Kosek@im.uj.edu.pl

Jagiellonian University, Kraków, Poland

Abstract

We list different examples of analytic dependence of Julia type sets or attractors of (generated) iterated function systems on some parameters. Examples of holomorphic motions, (weakly) analytic multifunctions, strongly analytic multifunctions, trivial analytic multifunctions with values obtained in complex dynamics are discussed.

AMS Classification: 30-02, 32-02, 30G30, 37F45, 54C60.