

THE HUTCHINSON-BARNESLEY THEORY FOR GENERALIZED ITERATED FUNCTION SYSTEMS: A DYNAMICAL APPROACH

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The study of generalized iterated function systems (GIFS) was introduced in 2008 by Mihail and Miculescu [1]. We provide a dynamical approach to study those systems as the limit of the Hutchinson-Barnesley theory for infinite iterated function systems (IIFS) which was developed by many authors in the last years. In this talk we will explain this technique along with the main ideas used in the proofs.

REFERENCES

- [1] A. Mihail and R. Miculescu. Applications of fixed point theorems in the theory of generalized ifs. *Fixed Point Theory and Applications*, 2008(1):312876, May 2008.

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