A EXAMPLE IN PDE WHERE THE LOWER SEMICONTINUITY OF ATTRACTORS DOES NOT OCCUR

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Abstract. In this work we present an example in PDE where the lower semicontinuity of attractors does not occur. In order to prove that the family of the attractors is not lower semicontinuity we ensure that the zero number of solutions cannot increase through orbits as the time passes, if the initial data is a continuous function. Actually, the "zeros" of a solution are fixed. This is a joint work with Cláudia B. Gentile and Olímpio Hiroshi Miyagaki.