What can an SNA be?*

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Abstract

Since Grebogi, Ott, Pelikan and Yorke published *Strange attractors that are not chaotic* in 1984, many works about Strange Nonchaotic Attractors (SNA) have appeared in the literature. The definition of SNA is given the in terms of strange attractors and nonchaotic attractors. There are more than one definition of strange attractor and although there is a unique definition of nonchaotic attractors, there are some problems on how to apply it.

This talk will be divided in two parts. In the first one we will give some examples an results of SNA to illustrate de differen definitions we have found in the literature and their applications. In the second part, we will propose a new definition and discuss int in the light of the published definitions.

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*oral communication.