

Bifurcation Diagram - Phase Diagram

A graphical representation of the possible states a dynamical system can end up in for different values of one or more parameters.

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The end states are called attractors.

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End states are attractors in state space: Attractor types

State Space is an abstract space used to represent the behaviour of a system. Its dimensions are the variables of the system. Thus a point in the phase space defines a potential state of the system. The points actually achieved by a system depend on its iterative function and initial condition (starting point).

