**"Influence of delayed coupling on the behavior of discrete maps"**

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Studies of the influence of delay on the behavior of dynamical systems are currently a very important problem. In this framework, to explore how the delayed coupling can affect the dynamics of discrete-time systems appears to be also quite interesting along with continuous-time systems. The object of the present research is a system of two coupled Ricker maps. This map represents an improved version of the logistic map, which in turn is one of the simplest maps in which chaotic behavior can be observed. We introduce the delay in the coupling function and investigate the effect of the time delay on the behavior and dynamical properties of the considered system. Particularly, the mechanism of transition to chaos is studied both with the usual coupling and with the delayed one.