**Bifurcations in the Dynamics of a Meromorphic functions involving sine function**

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**Abstract**

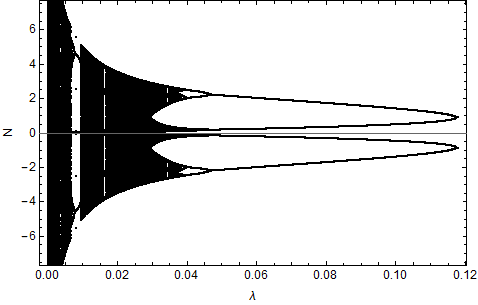
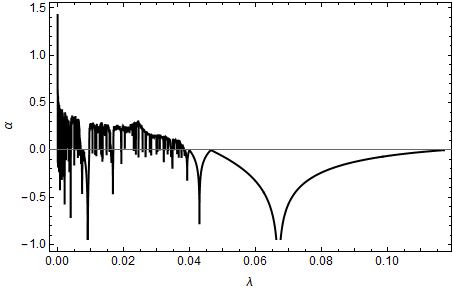
We study the dynamics of functionsfor , where is a real parameter. We exhibit that different types of bifurcation occur in the dynamics of . Further becomes chaotic for certain range of values of the parameter.

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**Keywords:** Bifurcation, chaos.

Figures: 

**Figure 1: The Lyapunov exponent of for . Figure 2: The orbit diagram of for .**

**References:**

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