

Stability and Hopf bifurcation analysis of fractional order nonlinear financial system with time delay

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Abstract

In this paper, we study a fractional order time delay for nonlinear financial system. By using Laplace transformation, stability and Hopf bifurcation analysis have been done for the model. Furthermore, numerical simulation has been carried out for better understanding of our results.

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Nonlinear Finance Model.pdf available at <https://authorea.com/users/399918/articles/512314-stability-and-hopf-bifurcation-analysis-of-fractional-order-nonlinear-financial-system-with-time-delay>

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