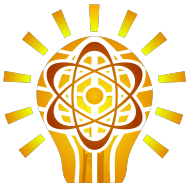
**Manuscript submitted to**
**Emerging Results in Computing, ? (202?), X-XX**
**https://doi.org/xxxxxxxxxxxxxxxxxxxxxxx**


**Emerging Results in Computing**

emergingresults.com



**Manuscript Title**

First Author[1], Second Author[2], Third Author[2] and Fourth Author[3]
[1] *First Affiliation*
[2] *Second Affiliation*
[3] *Third Affiliation*

***Correspondence***
*Name and Affiliation of correspondence author*
*Email: Email address of correspondence author*

**ABSTRACT:**
**Introduction: (1-2 sentences)** Briefly introduce the background and context of your study, highlighting the importance of the research topic.
**Aims: (1 sentence)** State the specific objectives or goals of your study.
**Materials and Methods: (1-2 sentences)** Describe the methods, materials, experimental design, data collection methods, and statistical approaches used in your research.
**Results: (1-2 sentences)** Summarize the key findings or outcomes of your study.
**Conclusion: (1-2 sentences)** Provide a concise conclusion or key takeaway from your research.

**Keywords: (3-5 relevant keywords)**

# 1 Introduction

Place your content here.

Cite references like this citations [2] and [1].

# 2 Equations

Equations

$$\begin{aligned} \frac{dx}{dt} &= ax(t) - bx(t)y(t) \\ \frac{dy}{dt} &= -cy(t) + dx(t)y(t), \end{aligned} \tag{1}$$

$$J(x,y) \quad = \quad \begin{pmatrix} a - by - 2ex & -bx \\ dy & -c + dx - 2fy \end{pmatrix} \tag{2}$$

$$\begin{aligned} \lambda_4 &= -a \\ \mu_4 &= \frac{ad - ce}{e} \end{aligned} \tag{3}$$

Received: YYYY/MM/DD — Revised: YYYY/MM/DD — Available Online: YYYY/MM/DD

Table 1: Table

| Eigenvalues | Linear System | Nonlinear System |
|---|---|---|
| $\lambda, \mu \in \mathbb{R}$ | | |
| $\lambda > \mu > 0$ | Nodal Source (Unstable) | Nodal Source (Unstable) |
| $\lambda < \mu < 0$ | Nodal Sink (Stable) | Nodal Sink (Stable) |

# 3 Tables

# 4 Figures

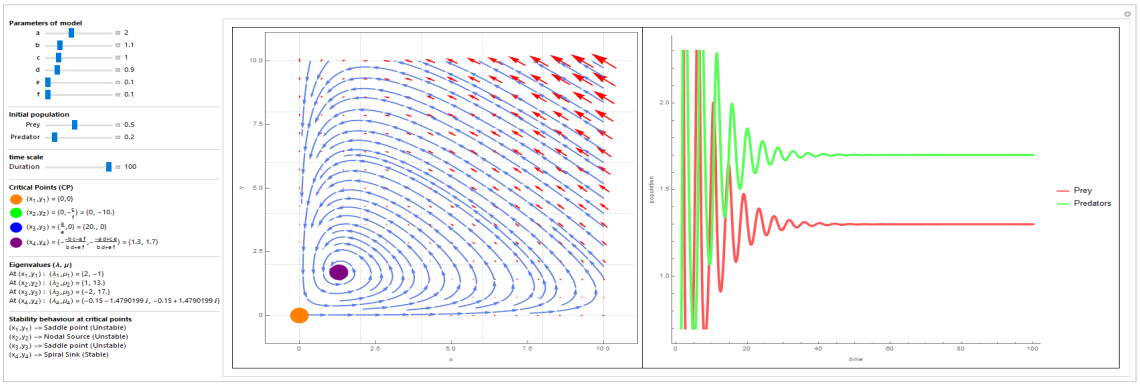



Figure 1: Figure

## Authors' Contributions

State the contribution of each author here.

## Authors' Declaration

Authors declaration here.

## Consent (where applicable)

Provide consent information here.

## Funding information

Provide funding details here.

## References

[1] Malthus T.R., *An essay on the principle of population as it affects the future improvement of society*, London, Printed for J. Johnson, in St. Paul's Church-yard, 1798.

[2] Calvo M., Franco J.M., Montijano J.I., Randez L., *Sixth-order symmetric and symplectic exponentially fitted modified runge-kutta methods of gauss type*, Computer Physics Communications, 2008, 178(10):732-744.