

Instructions for Typesetting Extended Abstract

First Author^{1*}, Second Author², Third Author³

¹University Department, University Name, State ZIP/Zone, COUNTRY

²University Department, University Name, State ZIP/Zone, COUNTRY

³University Department, University Name, State ZIP/Zone, COUNTRY

Abstract

The abstract should summarize the motivation, content and main conclusions of the presentation. Word limit is 200.

Key words : Keyword1, Keyword2, Keyword3, Keyword4.

1 Description of the Problem

Describe the main problem here, word limit is 400. Keep in mind the total length of the extended abstract should be within TWO PAGES ONLY. Authors are encouraged to describe the problem by including mathematical equations. A sample format of the equation is given below. Provide equation numbers for each equation as shown for eqn (1).

$$\frac{dx_i}{dt} = x_i \left(\alpha_{ii} - \sum_{j=0}^n \beta_{ij} x_j \right), \quad 1 \leq i \leq n. \quad (1)$$

Authors are encouraged to avoid **Theorem**, **Lemma**, proof, Table etc in the extended abstract.

Authors can include figure/picture into the extended abstract (if it is urgent) but they have to supply the figure either in ‘eps’ or ‘jpg’. Other format of figures are not acceptable. There should be at most one figure, if necessary, authors are encouraged to use sub-figures, but all the sub-figures should be clubbed into a single figure file. A sample figure is shown at Fig. 1.

*Presenting author; E-mail:

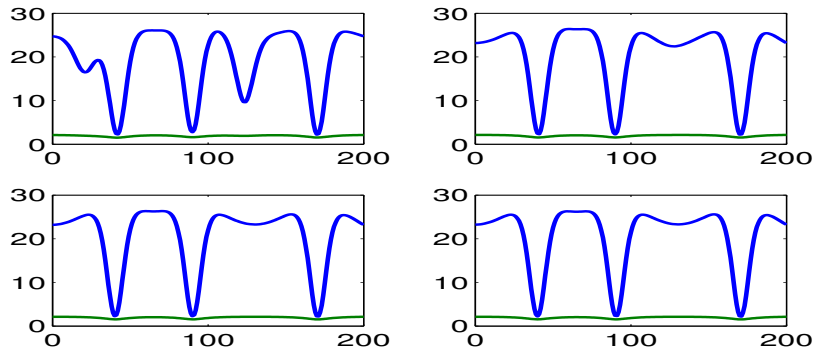


Figure 1: Distribution of $N(x)$ (blue) and $P(x)$ (green) are obtained at different time points (from left to right and from above to below) $t = 200$, $t = 300$, $t = 400$ and $t = 500$.

2 Main outcomes

Significant outcomes are to be mentioned at 4-5 bullet points. It may contain some future direction also.

- Conclusion one.
- Conclusion two.
- Conclusion three.
- Observation one.
- Future direction one.

References

- [1] L. Perko, *Differential Equations and Dynamical Systems*, Springer, New York, 2001.
- [2] S. Ruan, D. Xiao, Global analysis in a predator-prey system with nonmonotonic functional response, *SIAM. J. Appl. Math.* **61**, (2001) 1445-1472.
- [3] A. Surname, B. Surname, The title of the paper, in C. Surname, D. Surname (eds.), *Name of book or conference proceedings*, Publisher, Place, pp. 123–134, YYYY.
- [4] There should not be more than 4 references.