

Bifurcation and Chaos in a Logistic Map

LILY NGUYEN¹ AND RAYMOND VU²

¹*Department of Physics, The University of Texas at Austin
Austin, TX 78712, USA*

²*Department of —, The University of Texas at Austin
Austin, TX 78712, USA*

ABSTRACT

This is the abstract. The word limit is 250.

Keywords: keyword 1 (num) — keyword 2 (num) — keyword 3 (num)

1. INTRODUCTION

This is the intro section.

2. DATA

This is the data section.

Maybe add some lists/tables/whatever is needed.

3. INFORMATION ABOUT OBSERVATIONS

Write info about observations here.

3.1. *Specific Topic Pt 1*

topic 1

3.2. *Specific Topic Pt 2*

topic 2

Figure 1. caption the figure here

3.3. *Specific Topic Pt 3*

topic 3

4. RESULTS

write about the results here.

5. SUMMARY AND CONCLUSION

Put the summary and conclusions here.

5.0.1. *References*

This is me citing [Boeing \(2016\)](#) in-text. This is me citing Bubolo at the end of this sentence ([Bubulo 2018](#)).

REFERENCES

Boeing, G. 2016, Systems, 4, 37,
doi: <https://www.mdpi.com/2079-8954/4/4/37>

Bubulo, M. 2018, The Dynamics of the Logistic Map and
Difference Equations