Title of paper

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Abstract

Example abstract for *Physics Letters B*. Provide a brief summary of the research and results in ≤200 words.

Keywords: reaction–diffusion, metriplectic, reproducibility, scaling

1. Introduction

Here is where you provide an introduction to work and some background. For example building on previous work of im- age enhancment in optical astronomy (Fortunato, 2010). Vehlow et al. (2013) developed a method to improve the reso- lution of X-ray images from XMM-Newton to provide similar spatial resolution to Chandra. State exactly what is and is not claimed.

2. Title 2

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2.1. Subsection title

Toomre stability criterion example:

$$Q = \frac{\sigma_v \kappa}{\pi G \Sigma}. \tag{1}$$

3. Title 3

One regular-width figure (fits one column):

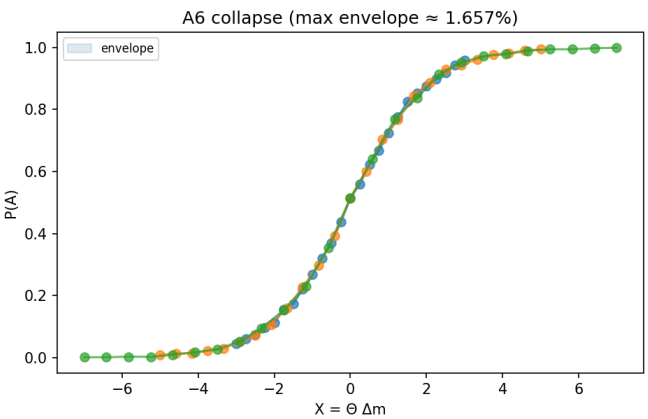### 3.1. Subsection title

Additional text...

Figure 1: Example figure caption in Elsevier two-column format.

4. Discussion

Interpretation tied to figures/tables; keep claims bounded by data.

5. Summary and conclusions

Short, testable summary.

Acknowledgements

Thanks to . . .

Appendix A. Appendix title 1

Appendix text.

Appendix B. Appendix title 2

Appendix text.

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References

Fortunato, S., 2010. Community detection in graphs. Phys. Rep.-Rev. Sec. Phys. Lett. 486, 75–174.

Vehlow, C., Reinhardt, T., Weiskopf, D., 2013. Visualizing fuzzy overlapping communities in networks. IEEE Trans. Vis. Comput. Graph. 19, 2486–2495.