

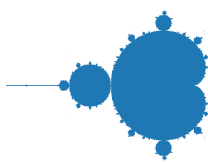
# An open source scientific article

First Author

Accepted XXX. Received YYY; in original form ZZZ

## ABSTRACT

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**Figure 1.** A sample plot generated from a Python script in the `figures` directory, showing the [Mandelbrot set](#). The name of the script is automatically inferred from the figure label in the TeX file.



## 1 INTRODUCTION

Figure 1 was automatically generated using *showyourwork* with minimal instructions from the user. By labeling the figure with `\label{fig:mandelbrot}`, the user informs *showyourwork* that there exists a script in the `figures` directory called `mandelbrot.py` that generates the figure files included within that `figure` environment. This behavior can be changed or overridden by specifying custom rules in the *Snakefile*.

This paper has been typeset from a T<sub>E</sub>X/L<sup>A</sup>T<sub>E</sub>X file prepared by the author.