



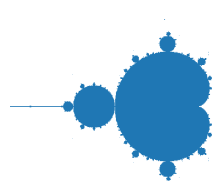
# An open source scientific article


First Author

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## 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 TeX/L<sup>A</sup>T<sub>E</sub>X file prepared by the author.