

python-fsps: Flexible stellar population synthesis in Python

Benjamin D. Johnson¹, Daniel Foreman-Mackey², and Jonathan Sick¹

¹ Center for Astrophysics | Harvard & Smithsonian, 60 Garden Street, Cambridge, MA 02138, USA

² Center for Computational Astrophysics, Flatiron Institute, New York, NY 10010, USA ¹ J.Sick Codes Inc., Ontario, Canada

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Software

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Summary

Some words about FSPS generally, citing the literature (Conroy et al., 2010, 2009; Conroy & Gunn, 2010).

Statement of need

Some words about why Python and the impact of the Python bindings.

Example usage

Give some examples and maybe a figure ([Figure 1](#)) describing the usage.

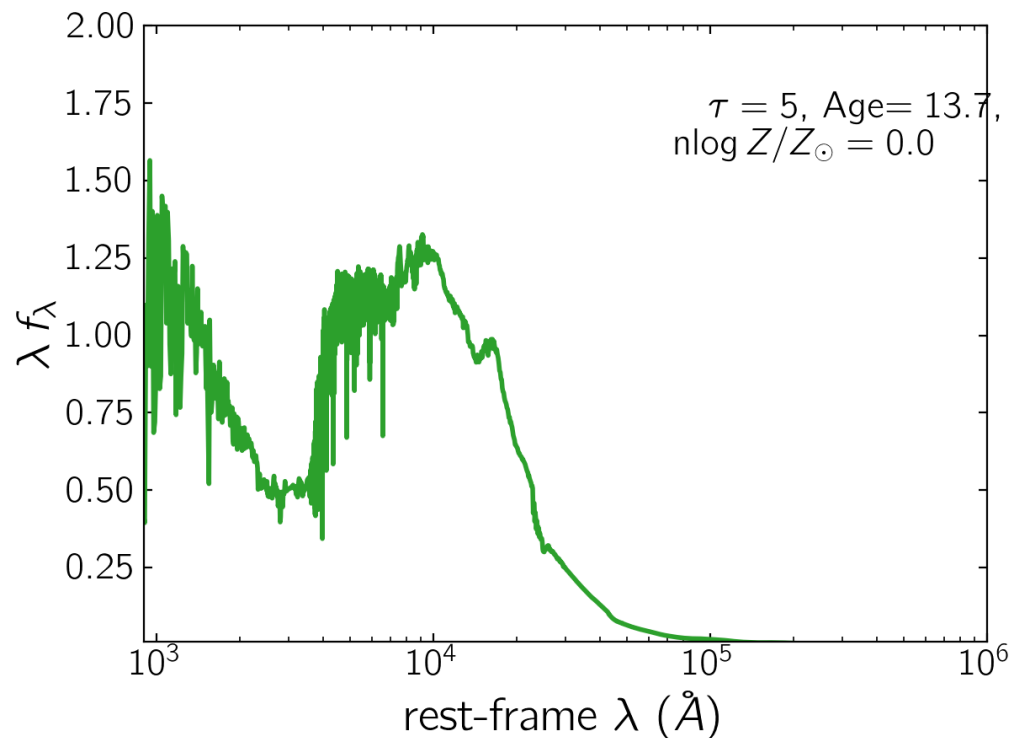


Figure 1: Here's an example figure.

Acknowledgements

Add acknowledgements.

Besides the software cited above, `python-fsps` is also built on top of NumPy (Harris et al., 2020) and others?

References

- Conroy, C., & Gunn, J. E. (2010). The Propagation of Uncertainties in Stellar Population Synthesis Modeling. III. Model Calibration, Comparison, and Evaluation. *The Astrophysical Journal*, 712(2), 833–857. <https://doi.org/10.1088/0004-637X/712/2/833>
- Conroy, C., Gunn, J. E., & White, M. (2009). The Propagation of Uncertainties in Stellar Population Synthesis Modeling. I. The Relevance of Uncertain Aspects of Stellar Evolution and the Initial Mass Function to the Derived Physical Properties of Galaxies. *The Astrophysical Journal*, 699(1), 486–506. <https://doi.org/10.1088/0004-637X/699/1/486>
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