Lo que faltó...

Github

Es un espacio para alojar proyectos utilizando el sistema de control de versiones **Git**

master | 14 branches | 1 tag | Go to file | Add file | Code

sibirrer updating publications — 9a5d8c9 2 days ago — 2,278 commits

docs	ready for release 1.6.0, with updated documentation	11 days ago
lenstronomy	Merge remote-tracking branch 'origin/master'	9 days ago
test	Change all DES -> ZTF	9 days ago
.gitignore	removed html files in .gitignore to update documentation	16 months ago
.readthedocs.yml	readthedocs config updated	8 months ago
.travis.yml	Remove deprecated class	16 days ago
AFFILIATEDPACKAGES.rst	added hierArc to affiliated packages	2 months ago
AUTHORS.rst	Add Rob Morgan as author on fork	9 days ago
CONTRIBUTING.md	typos fixed in contributions guidelines	25 days ago
Gemfile	added Gemfile according to coveralls instruction	8 months ago
HISTORY.rst	ready for release 1.6.0, with updated documentation	11 days ago
LICENSE	readme update	3 years ago
MAILINGLIST.rst	mailing list documentation updated	3 years ago
MANIFEST.in	updated documentation with mailing list	3 years ago
Makefile	release version 1.4.0, updated documentation, history and setup.py	6 months ago
PUBLISHED.rst	updating publications	2 days ago
README.rst	marked TODO list for multi-plane optimizer in code to track issue #107	2 months ago
requirements.txt	Add specific SLITronomy version to requirements	11 days ago

About

multi-purpose lens modeling software package

gravitational-lensing | image-simulation | lenstronomy | astropy-affiliated

Readme

MIT License

Releases

1 tags

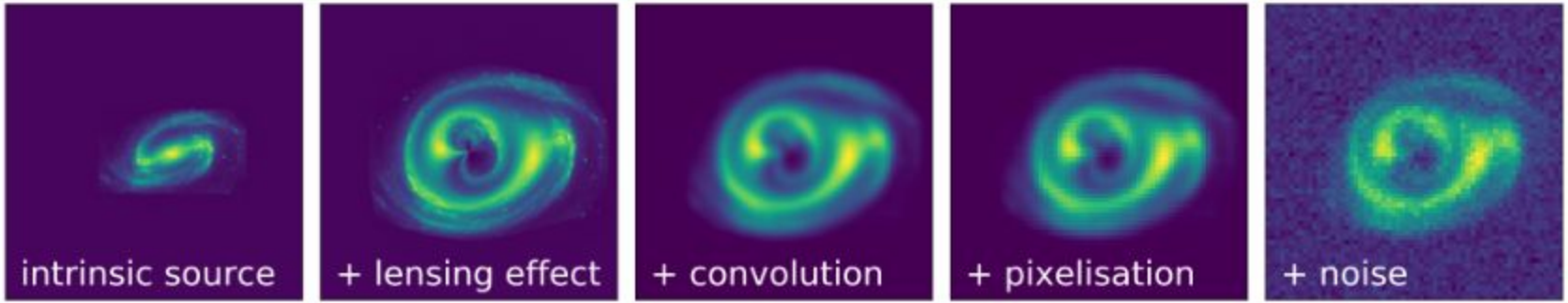
Packages

No packages published

Used by 13

Contributors 12

lenstronomy - gravitational lensing software package



pypi package 1.6.0 | build passing | docs passing | coverage 97% | license MIT | arXiv 1803.09746 | powered by AstroPy

`lenstronomy` is a multi-purpose package to model strong gravitational lenses. The software package is presented in Birrer & Amara 2018 and is based on Birrer et al 2015. `lenstronomy` finds application in e.g. Birrer et al 2016, Birrer et al 2019, Shajib et al 2020 and Birrer et al 2020 for time-delay cosmography and measuring the expansion rate of the universe and Birrer et al 2017 and Gilman et al. 2020 for quantifying lensing substructure to infer dark matter properties.

The development is coordinated on GitHub and contributions are welcome. The documentation of `lenstronomy` is available at readthedocs.org and the package is distributed over PyPI. `lenstronomy` is an affiliated package of astropy.

Vamos a instalar Lenstronomy en nuestro LENS conda environment

1. Activamos el environment:

   ```
   source activate LENS
   ```

2. Instalamos lenstronomy usando:

   ```
   pip install lenstronomy
   ```

3. Instalamos fastell4.py que es requerido para correr modelos con masas elípticas.

   ```
   sudo apt-get install gfortran
   ```

   ```
   git clone https://github.com/sibirrer/fastell4py.git <carpeta>
   ```

   ```
   cd <carpeta>
   ```

   ```
   python setup.py install
   ```

Links importantes:

- ★ Toda la información relacionada a los paquetes de Lenstronomy los pueden encontrar en:
  - https://lenstronomy.readthedocs.io/en/latest/
- ★ Los Jupyter notebooks con ejemplos de cómo utilizar ciertos paquetes está en:
  - https://github.com/sibirrer/lenstronomy_extensions/tree/master/lenstronomy_extensions/Notebooks
- ★ La guía de inicio es parte de estos notebooks:
  - https://github.com/sibirrer/lenstronomy_extensions/blob/master/lenstronomy_extensions/Notebooks/starting_guide.ipynb

Estamos listos para empezar a usar **Lenstronomy**!