



Metadata Mission to Jupyter

C. Erdmann | @libcce

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☐ 1. bouncyball.ipynb


Author: Kasper van Wijk [\[claim\]](#)
 Description: A jupyter notebook to investigate the path and time of flight of a bouncing ball.
 Year of Publication: 2017-12-01T23:33:03Z
 Content Provider: The University of Auckland: Figshare [i](#)

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Author: Maricq, Aleksander [\[claim\]](#) ; Duplyakin, Dmitry [\[claim\]](#) ; Jimenez, Ivo [\[claim\]](#) ; Maltzahn, Carlos [\[claim\]](#) ; Stutsman, Ryan [\[claim\]](#) ; Ricci, Robert [\[claim\]](#)

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Empirical Evaluation of Rectified Activations in Convolutional Network

Bing Xu, Naiyan Wang, Tianqi Chen, Mu Li • ArXiv • 2015

In this paper we investigate the performance of different types of rectified activation functions in convolutional neural network: standard rectified linear unit (ReLU), leaky rectified linear unit... [\(More\)](#)

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powerlaw: A Python Package for Analysis of Heavy-Tailed Distributions

Jeff Alstott, Ed Bullmore, Dietmar Plenz • PloS one • 2014

Power laws are theoretically interesting probability distributions that are also frequently used to describe empirical data. In recent years, effective statistical methods for fitting power laws have... [\(More\)](#)

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High-performance web services for querying gene and variant annotation

Jiwen Xin, Adam M. Mark, +13 authors Chunlei Wu • Genome Biology • 2016

Results by year



IPython

(For the implementation of Python under the .NET Framework, see IronPython.) IPython is a command shell for interactive computing in multiple programming languages... [\(MORE\)](#)

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132

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Title, Author(s), Bibliographic reference - [About the metrics](#)

[Rcupcake: an R package for querying and analyzing biomedical data through the BD2K PIC-SURE RESTful API.](#)

Alba Gutiérrez-Sacristán, Romain Guedj, Gabor Korodi, Jason Stedman, Laura I Furlong, Chirag J Patel, Isa...
2018, Bioinformatics - Article

 9

[Optimizing taxonomic classification of marker-gene amplicon sequences with QIIME 2's q2-feature-classifier plugin](#)

Nicholas A. Bokulich, Benjamin D. Kaehler, Jai Ram Rideout, Matthew Dillon, Evan Bolyen, Rob Knight, Gavi...
2018, Microbiome - Article

 7  24

[Deblur Rapidly Resolves Single-Nucleotide Community Sequence Patterns](#)

Amnon Amir, Daniel McDonald, Jose A Navas-Molina, Evguenia Kopylova, James T Morton, Zhenjiang Zec...
2017, mSystems - Article

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FIELDS OF RESEARCH ▼

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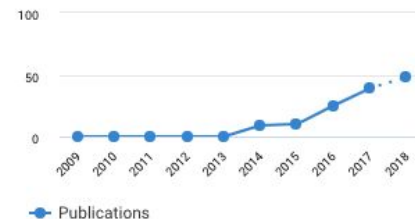
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1

2019GeCoA.244..229F

2019/01



Boric acid and borate incorporation in inorganic calcite inferred from B/Ca, boron isotopes and surface kinetic modeling

Farmer, Jesse R.; Branson, Oscar; Uchikawa, Joji [and 3 more](#)

/github/oscarbranson/Farmer_2018_Supplement/blob/master/Solution%20Speciation.ipynb. Annex #2 Model

2

2018arXiv181103100G

2018/11



SOFIA Community Science I: HAWC+ Polarimetry of 30 Doradus

Gordon, M. S.; Lopez-Rodriguez, E.; Andersson, B. -G. [and 7 more](#)

/SOFIAObservatory/Recipes/blob/master/HAWC 30Dor.ipynb 3 sofia fir polarimetric observations of 30 Dor Table 1. HAWC+ 30 Doradus Observation Log

3

2018arXiv181102157B

2018/11



Solution Refinement at Regular Points of Conic Problems

Busseti, E.; Moursi, W.; Boyd, S.

1.15, Scipy 1.1, and Numba 0.36). All the experiments can be reproduced by running the experiments.ipynb

<https://bit.ly/2OEAZp>

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- [41] N. V. Chawla, N. Japkowicz, and A. Kotcz, *SIGKDD Explor. Newsl.* **6**, 1 (2004).
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- [43] J. A. Hanley and B. J. McNeil, *Radiology* **143**, 29 (1982).
- [44] C.-W. Hsu, C.-C. Chang, C.-J. Lin, *et al.*, *A practical guide to support vector classification*, Tech. Rep. (2003).
- [45] "Figures and supplementals for this paper can be found in this github repository," https://github.com/learningmachineslab/publication_notebooks/blob/master/physics_engineering_pathways.ipynb.

<https://arxiv.org/pdf/1810.11272.pdf>



language:"Jupyter Notebook"

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Java 2,333,834

HTML 1,329,167

Python 1,235,883

Ruby 912,252

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jakevdp/JSAnimation

● Jupyter Notebook ★ 234

[DEPRECATED] An IPython notebook-compatible
Javascript/HTML viewer for matplotlib animations

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unnati-xyz/scalable-data-science-platform

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Content for architecting a data science platform
for products using Luigi, Spark & Flask.

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jakevdp/ipywidgets-static

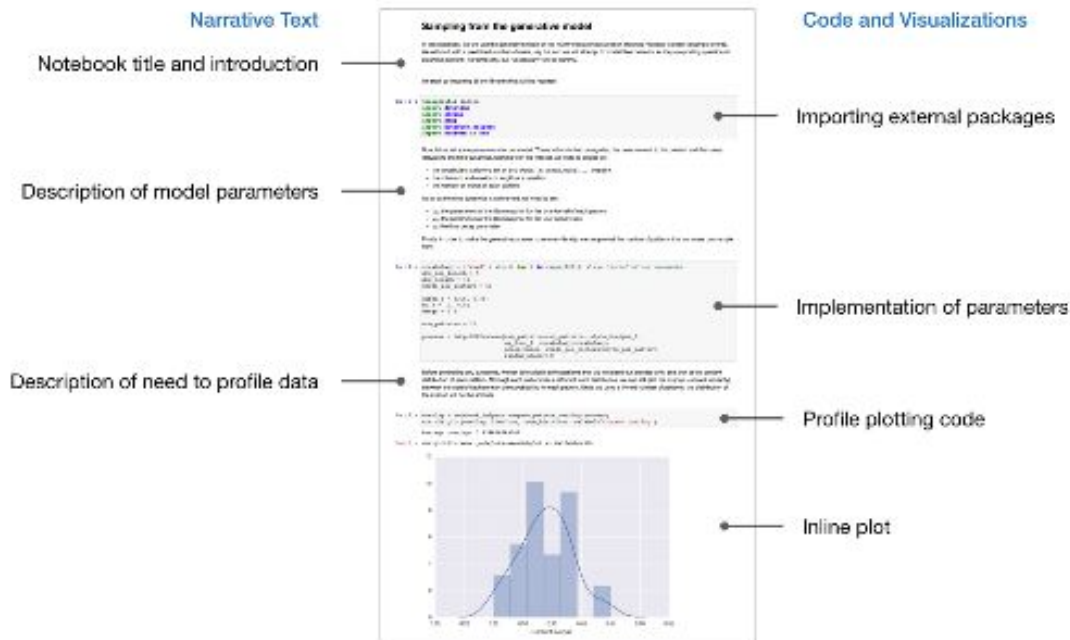
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[obsolete] Static Widgets for IPython Notebooks

BSD-3-Clause license Updated on Dec 29, 2015

<https://github.com/search?q=language%3A%22Jupyter+Notebook%22&type=Repositories>

We Analyzed 1 Million Jupyter Notebooks —Now You Can Too [Guest Post]



<https://blog.jupyter.org/we-analyzed-1-million-jupyter-notebooks-now-you-can-too-guest-post-8116a964b536>

Transparency-by-Design networks (TbD-nets)

launch

binder

python

3.5 3.6

pytorch

0.2 0.3 0.4

This repository contains code for replicating the experiments and visualizations from the paper

[Transparency by Design: Closing the Gap Between Performance and Interpretability in Visual Reasoning](#)

David Mascharka, Philip Tran, Ryan Soklaski, Arjun Majumdar

The paper describes Transparency-by-Design networks (TbD-nets), which are built around a visual attention mechanism. This repository contains the model architecture put forward in the paper and code that will allow you to

- [Produce the visualizations from the paper](#)
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- [Train a model from scratch on the CLEVR dataset](#)
- [Predict answers on the CLEVR test set](#)

<https://github.com/davidmascharka/tbd-nets>



Making Your Code Citable

🕒 10 minute read

[Digital Object Identifiers](#) (DOI) are the backbone of the academic reference and metrics system. If you're a researcher writing software, this guide will show you how to make the work you share on GitHub citable by archiving one of your GitHub repositories and assigning a DOI with the data archiving tool [Zenodo](#).

ProTip: This tutorial is aimed at researchers who want to cite GitHub repositories in academic literature. Provided you've already set up a GitHub repository, this tutorial can be completed without installing any special software. If you haven't yet created a project on GitHub, start first by [uploading your work](#) to a repository.

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Oliver Beckstein, Richard Gowers, Micaela Matta & Shujie Fan
Work published 2018 via Zenodo
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Is version of ^① <https://doi.org/10.5281/zenodo.1482962>  Cite**Mdanalysis/Mdanalysisdata: 0.5.0**

Oliver Beckstein, Richard Gowers, Micaela Matta & Shujie Fan
Work published 2018 via Zenodo
Access to data for workshops and extended tests of MDAnalysis.

Resource Types☒ Software 73,024**Publication Year**

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1 {  
2   "kernel_spec": {  
3     "name": "python3",  
4     "display_name": "Python 3",  
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6   },  
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11    "codemirror_mode": {  
12      "name": "ipython",  
13      "version": 3  
14    },  
15    "pygments_lexer": "ipython3",  
16    "nbconvert_exporter": "python",  
17    "file_extension": ".py"  
18  }  
19 }
```

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Stencila Desktop

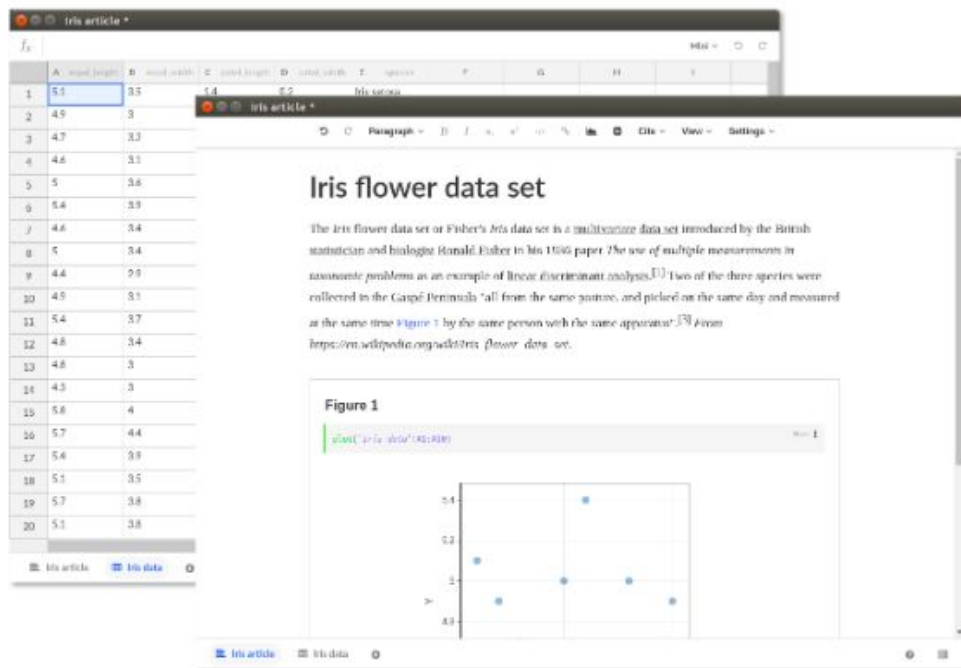
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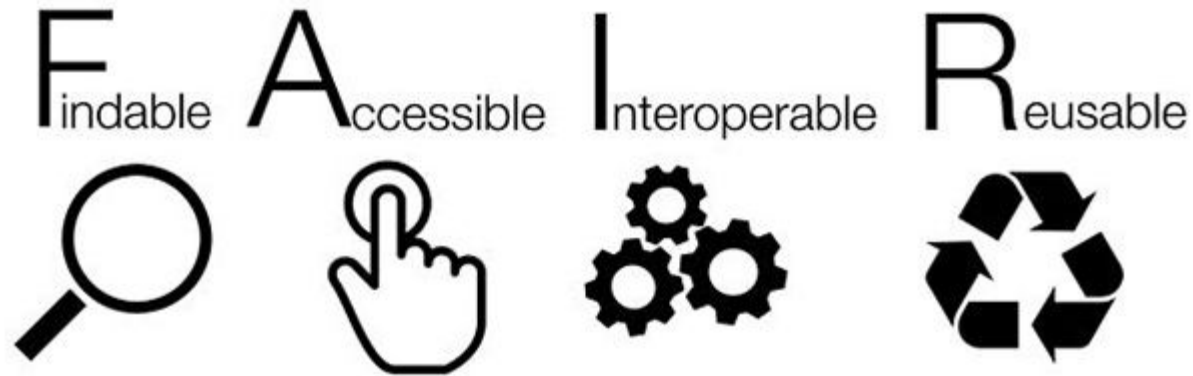
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Is there anything else we can do to improve discovery?