

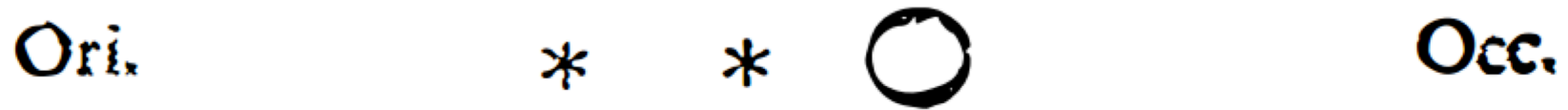
OCEANS OF DATA: REPRODUCIBLE MARINE SCIENCE

bit.y

Ben Best, PhD (EcoQuants)
2017-01-25 at UCSB Library's Collaboratory
Reproducible Data Research: It's Complicated

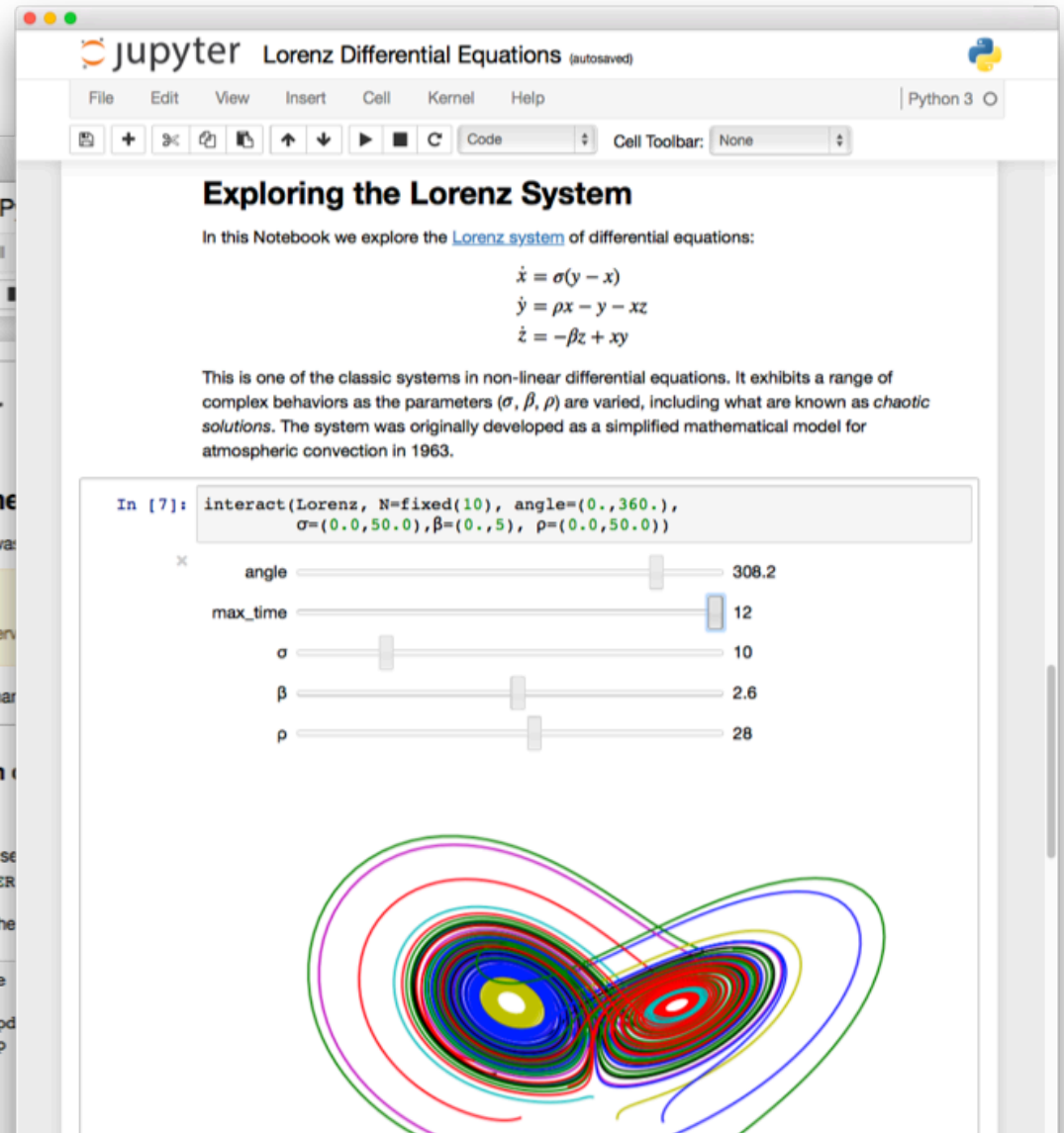
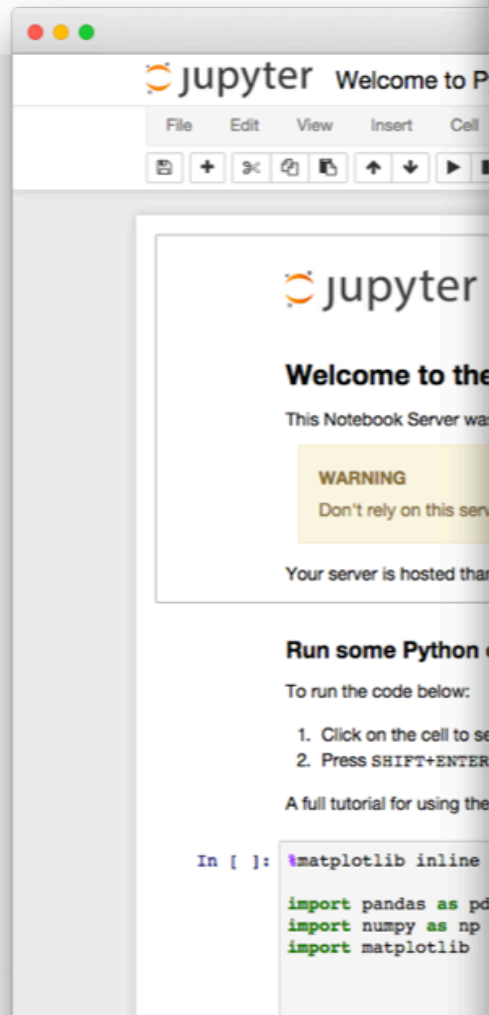
Reproducible Research

But on January 10th the stars appeared in the following position with regard to Jupiter; there were two only, and both on the east side



of Jupiter, the third, as I thought, being hidden by the planet.

- Galileo Galilei (1610) *Sidereus nuncius*



Reproducible Research with R and RStudio

Reproducible Research with R and RStudio

| Root | | | |
|------------------|----------------|--------------|---------------|
| Research Project | | | |
| Data | Analysis | Presentation | |
| MainData.csv | MainAnalysis.R | Article | Other |
| GatherSource | ResultsFigures | Paper.Rnw | Slideshow |
| Makefile | Figure1.R | Main.bib | Slideshow.Rnw |
| MergeData.R | Figure2.R | Packages.bib | Website |
| Gather1.R | Figure3.R | figure | Website.Rmd |
| Gather2.R | | Figure1.pdf | |
| Gather3.R | | Figure2.pdf | |
| | | Figure3.pdf | |

Christopher Gandrud



christophergandrud.github.io/RepResR-RStudio

rmarkdown.rstudio.com

What is R Markdown? on Vimeo (1 min)

vimeo.com/178485416

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"YUGE" DATA, AND WE WILL
MAKE DATA GREAT AGAIN!



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