



# Rodrigo Schaefer

PhD in Applied Math



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## Skills

R

Python

Latex

Portuguese

Spanish

English

Catalan

(\*)[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

## Interests

Applied Mathematics with a focus on differential equations. Data science and programming.

## Education

since 2014	Ph.D. candidate in Applied Mathematics <i>Chaos and instability in Hamiltonian systems.</i>	UPC
2012-2014	M.Sc. in Mathematics N-body dynamics on surfaces: An example for two bodies	UFRJ
2008-2011	B.Sc. in Mathematics	UFRJ

## Publications

2017	Arnold diffusion for a complete family of perturbations with two independent harmonics. (Preprint)
2017	Arnold diffusion for a complete family of perturbations.
2016	N-body dynamics on closed surfaces: the axioms of mechanics.

## Awards

2014 - 2018	CNPq Scholarship - PhD.
2013 - 2014	FAPERJ Aluno nota 10 - Master.
2012 - 2013	CNPq Scholarship - Master.

## Experience

2014	Temporary Lecturer Universidade Federal do Rio de Janeiro (UFRJ).	Brazil
2009-2011	Teaching assistant. Universidade Federal do Rio de Janeiro (UFRJ).	Brazil

## Other information

### Courses

2015	Introduction to Python Centre de Recerca Matemàtica (CRM).
2016	R programming. John Hopkins University via Coursera.org.
2016	Getting and Cleaning data John Hopkins University via Coursera.org.

### Congresses and presentations

21 international congresses attended and 8 work presentations.

### References

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