Eduardo Nunes Velloso

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GitHub: @dioph

Education

Undergraduate in Electrical Engineering (9.4/10.0) *2016 – current*
Federal University of Rio Grande do Norte - Brazil

Experience

Teaching Assistant (with scholarship) *2017 – 2018*
Subject: Linear Algebra
Federal University of Rio Grande do Norte - Brazil

Research Assistant (with scholarship) *2018 – 2019*
Project: Signatures of magnetic cycles in solar-type stars observed by the Kepler satellite
Federal University of Rio Grande do Norte - Brazil

Publications

1. **Velloso, E. N.**, do Nascimento, J.-D., Jr. Studying Spot-Induced Modulations of Active Solar Analog Stars; *Proceedings of the XLI Annual Meeting of the Brazilian Astronomical Society*, 2017.

2. Vilaza, G. N., **Velloso, E. N.** Finding the Sweet Spot: Public Displays for Advertisement on Campus. *1st IEEE International Summer School on Smart Cities*, 2017.

3. do Nascimento, J.-D., Jr., de Almeida, L., **Velloso, E. N.**, Anthony, F., Barnes, S. A., Saar, S. H., Meibom, S., da Costa, J. S., Castro, M., Galarza, J. Y., Lorenzo-Oliveira, D., Beck, P. G., Meléndez, J. Rotation of solar analogs cross-matching Kepler and Gaia DR2. *(submitted)*

Awards

1. Highest ENEM score (National university entry exam) of the state, 2016

2. Golden medal, XVIII Brazilian Astronomy and Astronautics Olympiad, 2015

3. Silver medal, Brazilian Robotics Olympiad, 2015

4. Golden medal, XVII Brazilian Astronomy and Astronautics Olympiad, 2014

5. Golden medal, XV Brazilian Olympiad in Informatics, 2013

6. Silver medal, XIII Brazilian Olympiad in Informatics, 2011

7. Golden medal (1st place), XII Brazilian Olympiad in Informatics, 2010

8. Bronze medal, XI Brazilian Olympiad in Informatics, 2009

Skills

Expertise: Signal processing, Bayesian parameter fitting and modelling

Coding: experienced in Python and C/C++; beginner in R

Software: MATLAB/Simulink, VHDL, OpenCV, TeX

Languages: Portuguese (native), English (proficient: C2), German (intermediate: B1)