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PERSONAL DATA	Full Name: João Morais Carreira Pereira Citizenship: Portugal	
PRESENT OCCUPATION	Princeton University, Princeton, United States of America	<i>September 2014 to present</i>
	PhD student in PACM (Program in Applied and Computational Mathematics)	
EDUCATION	University of Coimbra, Coimbra, Portugal	
	B.S. in Mathematics	<i>September 2009 to July 2012</i>
	<ul style="list-style-type: none"> • GPA: 18.3/20 	
	M.S. in Mathematics	<i>September 2012 to September 2014</i>
	<ul style="list-style-type: none"> • GPA: 18.3/20 	
TEACHING EXPERIENCE	<i>Monitor</i> at Projecto Delfos <ul style="list-style-type: none"> • Preparing the Portuguese team for the International Math Olympiads 	<i>September 2009 to July 2012</i>
	Assistant in Instruction at Princeton University <ul style="list-style-type: none"> • Calculus I • Transmission and Compression of Information 	<i>Fall 2015</i> <i>Spring 2017</i>
PUBLICATIONS	L. D. Abreu, J. M. Pereira, J. L. Romero, and S. Torquato, <i>The Weyl–Heisenberg ensemble: Statistical mechanics meets time-frequency analysis</i> , International Conference on Sampling Theory and Applications (SampTA) 2017, pp. 199–202.	
	E. Abbe, J. M. Pereira, and A. Singer, <i>Sample complexity of the Boolean multireference alignment problem</i> , IEEE International Symposium on Information Theory (ISIT) 2017, pp. 1316–1320.	
	L. D. Abreu, J. M. Pereira, and J. L. Romero, <i>Sharp rates of convergence for accumulated spectrograms</i> , Inverse Problems, 2017.	
	L. D. Abreu, J. M. Pereira, J. L. Romero, and S. Torquato, <i>The Weyl–Heisenberg ensemble: hyperuniformity and higher Landau levels</i> , Journal of Statistical Mechanics: Theory and Experiment, vol. 2017, no. 4, p. 043103, 2017.	
	L. D. Abreu and J. M. Pereira, <i>Pseudo prolate spheroidal functions</i> , International Conference on Sampling Theory and Applications (SampTA) 2015, pp. 603–607.	
	L. D. Abreu and J. M. Pereira, <i>Measures of localization and quantitative Nyquist densities</i> , Applied and Computational Harmonic Analysis, vol. 38, no. 3, pp. 524–534, 2015.	
AWARDS	Awarded two <i>Young Talents in Mathematics</i> fellowships: 2009/2010 and 2010/2011 by <i>Calouste Gulbenkian Foundation</i> .	
	University of Coimbra <ul style="list-style-type: none"> • Merit awards for student with the best GPA: on 2011 and 2012 • Prize for the 3% best students, 2011 and 2012 	

Mathematical Olympiads

- International Mathematical Olympiads, Bronze Medal, 2009
- Ibero-American Math Olympiads for Undergraduates, Bronze Medal, 2009
- Portuguese Math Olympiads, Gold Medal, 2009 and Silver Medal, 2006
- Sao Paulo Math Olympiads (Portugal and Brazil), Gold Medal (2006) and Silver Medal (2008)
- Mayo Math Olympiads (Ibero-American), Silver Medal, 2006

Other Olympiads

- Portuguese Physics Olympiads, 4th place, 2008
- Ibero-American Physics Olympiads, Silver Medal, 2009

3rd place in a National Robotics Contest (Fireman Robot), 2008

OTHER
EXPERIENCES

Participant in the European Summer School in Industrial Mathematics and Modelling Week, 2013

Master's students representative for the administration organ of the Math. Dept. of the U. Coimbra (2012-2013)

Administration of the Math. Student Association (NEMAT/AAC), integrated in the Academic Association of Coimbra, Vice-President, 2012 and President, 2013

LANGUAGE
SKILLS

Portuguese (Native Language), English (Fluent), Spanish and French (Some Reading, Listening and Talking)

English: Certified by TOEFL with the grade: 106/120