

▶ Fanny Dos Reis

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Personal website: <http://such-that.com/>

Education

Ph.D. in Mathematics (Dec 2003), Ecole Normale Supérieure de Lyon, Lyon, France

- ▶ Thesis: Pseudoholomorphic curves and currents in an almost complex manifold
- ▶ Advisor: Prof. Jean-Claude Sikorav, Ecole Normale Supérieure de Lyon
- ▶ Keywords: Geometric measure Theory, Symplectic Geometry, Pseudoholomorphic curves.

French Highest Teaching Certification at University Level in Mathematics (“Agrégation de Mathématiques”) (July 1999)

- ▶ With a focus on Probability, Statistics and Modeling
- ▶ Topics include regressions and curve fitting, Monte Carlo’s method, modeling using Matlab

Diploma of Advanced Studies in Mathematics (July 1999), University Paris VII, Paris, France

- ▶ Thesis: Weierstrass Representation and Spinorial Techniques
- ▶ Advisor: Prof. Frederic Helein, Ecole Normale supérieure de Cachan

M.S. in Mathematics (July 1999), Ecole Normale Supérieure de Cachan, Cachan, France

- ▶ Thesis: Morse Theory
- ▶ Advisor: Prof. Harold Rosenberg, University Paris VII

B.S. in Mathematics (Dec 1998), University Paris VII, Paris, France

Activities and professional experience

Lecturer (Dec 2013 –Now)

Department of Mathematics (University of Washington)

- ▶ Lectures in advanced math classes for STEM students (Computer Science, Mathematics, and other Engineering Majors) and for Mathematics and Statistics majors.
- ▶ Topics include differential equations, modeling, proofs, real analysis, linear algebra, and topology.
- ▶ Customize my teaching by monitoring students working behavior using the traffic data on my class website (<http://such-that.com/>) and students participation statistics on Piazza (educational online complement to the lectures <http://piazza.com>)

Lecturer (Jun 2012 –Dec 2013)

Department of Mathematics (Texas A&M University)

- ▶ Lectures in Calculus and in advanced math classes for STEM students
- ▶ Topics include differential equations, modeling, optimization, calculus for engineers
- ▶ Maple daily used in class
- ▶ Computations of students grades with Microsoft Excel or Office Calc
- ▶ Analysis of my students working behavior using the traffic data on my class website and students participation statistics on Piazza
- ▶ Introducing new technologies to my colleagues (How to use Piazza in class)

Visiting Assistant Professor (Sept 2006 –May 2008)

Department of Mathematics (Texas A&M University)

- ▶ Lectures in Calculus and in advanced Math classes for STEM and Business students
- ▶ Topics include linear and quadratic regressions, modeling, marginal analysis, optimization, business calculus, differential equations, geometry
- ▶ Maple and Programing calculators (TI83) heavily used in class

Visiting Assistant Professor (Sept 2004 –Aug 2006)

Department of Mathematics (University of Lille I, France)

- ▶ Research activities in differential geometry
- ▶ Lectures in arithmetic, logic, advanced calculus for STEM students

Visiting Assistant Professor (Sept 2003 –Aug 2004)

Department of Mathematics (University of Paris XI, France)

- ▶ Research activities in differential geometry
- ▶ Lectures advanced calculus for STEM students

Skills

- ▶ IT and computational skills: R programming, Microsoft Word, Microsoft Excel, Microsoft PowerPoint, LaTeX, HTML, CSS, JavaScript, Maple, Matlab, TI83, Turbo Pascal, notions of SQL, and C++
 - ▶ Strong problem solving skills
 - ▶ Strong verbal and written communication skills to explain technical notions to a non-expert public, daily used in class.
 - ▶ Ability to quickly learn new technologies
 - ▶ Languages: English (written and spoken), French (written and spoken)
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