Anton Bobkov

CONTACT INFORMATION

Anton Bobkov, Graduate Student
UCLA Mathematics Department
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EDUCATION

University of California, Los Angeles *(graduate)*   **2011 - 2017**

PhD, Mathematics (will be completed in June 2017)
- 2016 Excellence in Teaching Award
- 2016 Girsky Fellowship

Advisor: Matthias Aschenbrenner
Research interests: Mathematical logic, model theory, NIP theories, VC-density

University of California, Los Angeles *(undergraduate)*   **2007 - 2011**
- *B.S.* in Mathematics, *B.A.* in Physics
- Sherwood Prize
- Departmental Highest Honors in Mathematics, College Honors
- GPA: 3.82 (Magna Cum Laude)

TEACHING

Instructor   **2016 - 2017**
- Math 31B: Integration and Infinite Series
- Math 32BH: Calculus of Several Variables (Honors)

Teacher Assistant   **2012 - 2017**
- Math 31B: Integration and Infinite Series
- Math 33A: Linear Algebra and Applications
- Math 115B: Linear Algebra
- Math 174E: Mathematics of Finance
- PIC 10B: Intermediate Programming
- PIC 20A: Principles of Java Language with Applications
- PIC 40A: Introduction to Programming for Internet

Undergraduate Projects Mentor   **2016 - 2017**
- Conway's game of life variations with C++/SDL graphics library
- App development platform with Typescript 2
- Internet browsing data/trends visualization with Python
- Optical character recognition via neural nets with Python
- Discrete signal processing with Matlab

PAPERS

Bobkov, A. *VC-density for trees*, in preparation
Bobkov, A. *Some VC-density computations for Shelah-Spencer graphs*, in preparation
Bobkov, A. *VC-density in $\mathbb{Q}_p$-reducts*, in preparation