Anton Bobkov

CONTACT INFORMATION

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EDUCATION

University of California, Los Angeles *(graduate)*   **Fall 2011 to present**
PhD, Mathematics (in progress)

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

University of California, Los Angeles *(undergraduate)*   **Graduated Spring 2011**
- *B.S.* in Mathematics, *B.A.* in Physics
- Sherwood Prize
- Departmental Highest Honors in Mathematics, College Honors
- GPA: 3.82 (Magna Cum Laude)
- William Lowell Putnam Mathematics Competition
  - 2008 - score 30
  - 2009 - score 19

UNDERGRADUATE RESEARCH

Cryptography REU at Northern Kentucky University   **Summer 2009**
Implemented a variant of MXL algorithm in computational algebra system MAGMA

Research assistant for Vladimir Vassiliev   **2008 - 2011**
Numerical simulations for AGIS gamma-ray telescope. This included forward and inverse kinematics for Stewart platform, ray casting, and high precision calibration.

TEACHING

Math 31B: Integration and Infinite Series	**2012 - 2013**
Math 33A: Linear Algebra and Applications	**2012 - 2013**
PIC 10B: Intermediate Programming	**Winter 2015, Spring 2015**
PIC 20A: Principles of Java Language with Applications	**Spring 2015**
PIC 40A: Introduction to Programming for Internet	**Fall 2015**
Math 115B: Linear Algebra	**Winter 2016**
Independent Programming Projects	**Winter 2016**

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