

CURRICULUM VITAE

Anna Muranova

October 28, 2016

Personal details

Name: Anna Muranova.

Date of birth: 15 November 1991.

Place of birth: Vitebsk, Republic of Belarus.

Citizenship: Republic of Belarus.

e-mail: anna.muranova@gmail.com

Spoken languages: Russian (mother tongue), English, Spanish, Polish.

Present mathematical interests: Laplace operator on graphs, Analysis on graphs, Markov chains and Probability Theory.

Programming languages: C, C++, Java, SQL.



Education

01.09.2009 – 30.06.2014: Student of the Math. Department of Belarusian State University. Graduated with a diploma with honors.

Qualification: mathematician.

Diploma/Master thesis: “Varieties of representations of finitely generated groups.”

Abstract of the diploma thesis: Varieties of low-dimensional representations of some finitely generated groups were considered and some theorems about the number of irreducible components were proved. As auxiliary results, dimensions of commutator varieties for matrices of dimensions 2, 3 and 4 were calculated.

Grade for the diploma thesis: 10/10.

Conferences

A short talk at 71st scientific conference of undergraduate and graduate students of Belarusian State University, May 18–21, 2014, Minsk, Belarus

Practical work experience

01.10.2012 – 01.06.2013: Laboratory assistant at Research Institute for Applied Problems of Mathematics and Informatics of Belarusian State University (Minsk, Belarus). At this period I participated in a project on investigating genetic sequences (DNA) using probability theory.

Publications

1. Muranova A. *On dimensions of commutator varieties in case of low-dimensional matrices*. Proceedings of 71th scientific conference of undergraduate and graduate students of Belarusian State University, Minsk, May 18–21, 2014: in 3 parts, Part 1, pp. 18–22. – Minsk : Publishing center of BSU, 2014. (In Russian: Муранова А. Ю. *О размерностях коммутаторных многообразий в случае матриц малой размерности*. Сборник работ 71-й научной конференции студентов и аспирантов Белорусского государственного университета, Минск, 18–21 мая 2014 г. : в 3 ч. Ч. 1, стр. 18–22. – Минск : Изд. центр БГУ, 2014.)