

JULIA VINOGRADSKA

EDUCATION AND PROFESSIONAL EXPERIENCE

- 09/2014 – PhD student at Bosch Research and Technical University of Darmstadt
Topic: Reinforcement Learning for Industrial Applications, current focus on (i) performance guarantees for learning control (ii) multimodal multi-step ahead prediction for probabilistic dynamics models
Supervision: Prof. Jan Peters, Intelligent Autonomous Systems, TU Darmstadt
- 10/2011 – 08/2014 Master of Science in Mathematics with Minor in Computer Science, University of Stuttgart, final grade 1.2, among best 5% of year
Focus: numerical mathematics, algebra, theoretical computer science
Thesis: Automorphisms of Graph Groups, grade 1.3
- 10/2009 – 09/2013 Teaching and Research Assistant in Advanced Mathematics at University of Stuttgart
- 10/2008 – 09/2011 Bachelor of Science in Mathematics at the University of Stuttgart, final grade 1.9, among best 5% of year
Thesis: Efficient Representations of Permutation Groups, grade 1.3
- 09/1999 – 07/2008 Abitur (German secondary school diploma qualifying for university admission), final grade 1.0

SKILLS

- Languages: German (native), Russian (native), English (fluent), French (basic)
- Computer skills: Matlab (used most), C/C++(basic), LaTeX (good)

PUBLICATIONS

- Stability of Controllers for Gaussian Process Forward Models.* J. Vinogradska, B. Bischoff, D. Nguyen-Tuong, A. Romer, H. Schmidt, J. Peters, ICML 2016
- Stability of Controllers for Gaussian Process Forward Models.* J. Vinogradska, B. Bischoff, D. Nguyen-Tuong, J. Peters, submitted to JMLR
- Numerical Quadrature for Probabilistic Policy Search.* J. Vinogradska, B. Bischoff, J. Achterhold, T. Koller, J. Peters, submitted to Machine Learning