

## Report on academic achievements, Fall 2017

Frolov Ivan

### **Attended courses:**

- Algebraic geometry (HSE, S. Galkin)
- Algebra-3 (HSE A. Horoshkin)
- Analysis-3 (HSE, A. Krasnoselskiy)
- Differential equations (HSE, S. Shaposhnikov)
- Topology (Smooth manifolds) (HSE, S. Natanzon)
- Algebraic geometry: start-up course (HSE-MiM, A. Gorodentsev)
- Lie groups and representation theory (HSE-IUM, G. Olshanski)
- Complex manifolds and holomorphic vector bundles (IUM, A. Penskoï)
- Class field theory (IUM, M. Rosenbloom)

### **Teaching assistance:**

- Topology-1 (IUM)
- Tournament of Towns – examining participant's works

Besides, I worked in the Methodical Commission of the All-Russian Olympiad in Mathematics (regional stage).