

**Upstate New York Online Number Theory Colloquium**

**Time and Date:** 1:30 pm EST October 26, 2021

**Speaker:** Yakov Varshavsky

**Title:** The Hrushovski-Lang-Weil's estimates

**Abstract:** In the talk I am going to outline an algebro-geometric proof of Hrushovski's generalization of the Lang-Weil estimates on the number of points in the intersection of a correspondence with the graph of Frobenius. This is a joint work with K. V. Shuddhodan.