

PUBLICATIONS AND PREPRINTS

<i>Personal Information:</i>	
	<p>Name: IVAN EMILOV HOROZOV</p> <p>Address: Department of Mathematics, Brandeis University 415 South Street, MS 050 Waltham, MA 02454</p> <p>Email: ihorozov@brandeis.edu</p> <p>Phone: (781) 736 - 3056</p> <p>Fax: (781) 736 - 3085</p> <p>Nationality: Bulgarian</p>
<i>Research Interests:</i>	
	Arithmetic Groups, Number Theory, Algebraic Geometry
<i>Publications and preprints:</i>	
	<ul style="list-style-type: none"> – Two dimensional non-commutative modular symbol, preprint in http://arxiv.org/, math.NT/0611955, 2006 – Multiple zeta functions, modular forms and adeles, preprint, math.NT/0611849, 2006, submitted to Journal of Number Theory – Cohomology of $GL(4, \mathbb{Z})$ with non-trivial coefficients, preprint in http://arxiv.org/, math.NT/0611847, 2005 – Euler characteristics of arithmetic groups, Mathematical Research Letters, Volume 12, Issue 3, 275-291, 2005 – Euler characteristics of arithmetic groups, preprint in http://xxx.lanl.gov, math.GR/0311117, 93p. 2003 – Tessellation of four dimensional space by regular polytopes, preprint, 1994 – Cubes in an integer lattice, Mathematics and Informatics, vol. 3, no 3, pp. 85-89, 1993 – Cubes in an integer lattice and the Diophantine equation $a^2 + b^2 + c^2 = d^2$, preprint, 1993