

The combinatorics of the Well-Rounded Retract

Prof. Oliver Gjoneski (Johns Hopkins)

Date: Wednesday, 27 February 2013

Time: 3:45-4:45pm*

Location: Chauvenet 110

Abstract: We'll introduce the well-rounded retract, an invariant spine for the full arithmetic group $GL_n(\mathbb{Z})$. We'll discuss the relationship between the well-rounded retract in the upper-half plane and the classical two-variable period polynomial associated to cusp forms, and how one can use the contraction of the well-rounded retract in higher rank to define a multi-variable analog.

*The talk will be preceded by tea in the Wardroom from 3:20-3:40pm.