Mathematics, Statistics, and Computer Science @ UIC

Thesis defense

Betti numbers of moduli space of stable sheaves on \( \mathbb{P}^2 \)
Sayanta Mandal (UIC)

Abstract: We will discuss stabilization of the Betti numbers of the moduli space of sheaves on surfaces, and in the special case of the projective plane we will produce lower bounds on the second Chern class of the sheaves such that the Betti numbers of their moduli space stabilizes.

Tuesday, March 10 at 11:00 AM in 712 SEO