

NUMBER THEORY & COMBINATORICS SEMINAR

Speaker: Amir Akbary
Date: 2007 Dec 5
Time: 3:00 – 3:50 pm
Room: L-1114
Title: Sharp Upper Bounds for Divisor Sums

Abstract:

We describe an algorithm that provides explicit upper bounds for a certain arithmetic function (which will be defined in the talk). We use this algorithm to establish some explicit upper bounds for the sum of divisors function.

This is a joint work with Zachary Friggstad (University of Alberta) and Robert Juricevic (University of Waterloo).