Number Theory Seminar

Friday, November 1st, 2019
11:30 am in Hume 321

Rizwanur Khan
University of Mississippi

The divisor function in arithmetic progressions

ABSTRACT

Number theorists like to count things in arithmetic progressions. A classical problem of this type is to find the average value of the divisor function in an arithmetic progression. In this talk I will discuss this problem and the limit of current knowledge. Then I will explain how we can go beyond this limit in a special situation.