Séminaire de théorie des nombres

Le 5 mars 2012 à 14h (Chevaleret)

Congruent Numbers and Heegner Points

Exposé de Ye Tian (Morningside Center of Mathematics)

Abstract :

Recall that a positive integer n is called a congruent number if there is a right triangle with rational sides and area n. In this talk, we show that for any given $k \ge 1$, there are infinitely many square free congruent numbers with exactly k prime divisors.