

Divisibility of the class numbers of certain quadratic fields

Dr. Azizul Hoque

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Abstract

I will discuss some of our (jointly with K. Chakraborty, Y. Kishi, P.P. Pandey) recent results concerning the divisibility of the class numbers of certain families of real (respectively, imaginary) quadratic fields. I will also show the existence of a new family of infinitely many quadratic fields whose class number is divisible by a given integer.