

CLAREMONT COLLEGES MATHEMATICS REU
SUMMER SPEAKER SERIES

presents

Binary Quadratic Forms,
Class Numbers,
and L -values

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Abstract

Integral binary quadratic forms was deeply studied by Gauss, and his work led to many questions, some still open, concerning class numbers h_D of quadratic fields. After an introduction to these matters, this talk will move to discuss central L -values of modular forms and indicate an intriguing relationship of their averages to class numbers.

Thursday July 16 at 1:30 pm

Millikan 208, Pomona College

After the talk, meet Prof. Ramakrishnan, Harry's Room (ML 209)