

NUMBER THEORY SEMINAR  
Monday, Oct. 27, 4.30 - 5.30 pm, MS 6221

Wee Teck Gan, UC San Diego

Abstract: A classical problem in number theory is to count the number of ways a (positive definite) quadratic form can be represented by another. The generating series formed from these numbers turns out to be a modular form. In this talk, I will discuss an analog of this problem involving cubic forms, and what sort of modular forms this leads to.