



Math Club Colloquium

Moonshine at 30

Speaker – Dr. Kishore Marathe
Brooklyn College
Department of Mathematics

Abstract: In my previous Math Club talks (Monster Exists, 2012), I discussed the existence of the Monster, the largest sporadic group, and the related Moonshine conjectures. In these talks I will discuss the tremendous developments that have taken place in the 30 years since then. They have led to even more surprising results extending to other groups and relating the corresponding Moonshine to conformal field theory and string theory in physics and Ramanujan's mock theta functions and closely related mock modular and Jacobi forms.

Date: Tuesdays Feb 18 and 25, 2014

12:30 pm -1:30 pm

Location: 1127N (Lunch will be Served)

BC Math Club is an ACA Member

E-mail: bcmathclub@gmail.com

President: Neno Fuller

Treasurer: Jason Reed

Event Coordinator: Haris Nadeem

Secretary: Hannah Ferziger

Faculty Advisor: Professor Kingan

BC Math Club Presents