Pure Mathematics Seminar

What is a generating function?

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Traditionally, a generating function is a formal power series: an infinite sum whose terms consist of monomials with rational coefficients. However, this definition appears less useful when studying counting problems in graph theory, or the theory of partially ordered sets. Motivated by past work of Polya, Joyal, and recent work by Aguiar and Mahajan, we present a new definition of generating function. We show how this new approach allows us to gain deeper insight into various combinatorial identities.

Date: Friday, October 9, 2015
Time: 11:00 am
Place: Edinburg: MAGC 1.302, Brownsville: UBLB 3.102

The talk will delivered live at the Brownsville campus and will be streamed to the Edinburg campus

Coffee and cookies will be served.

For further information or for special accommodations, please contact Dr. Sergey Grigorian via email at sergey.grigorian@utrgv.edu, or Dr. Alexey Garber at alexey.garber@utrgv.edu, or visit the webpage http://blue.utb.edu/dg2012/puremathseminar.html