MATH SEMINAR
RUTGERS-CAMDEN

1:30PM -2:30PM, NOVEMBER 17TH, 2023

BSB-132

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Dr. Sukumar Das Adhikari

Title: The polynomial method in the study of zero-sum theorems

Abstract:

We consider some elementary algebraic techniques in the area of Zero-sum Combinatorics. Originating from a beautiful theorem of Erdos-Ginzberg-Ziv about sixty years ago and some other questions around the same time, it has found various ramifications and generalizations, with many interesting results and several unanswered questions. It has ushered in many algebraic as well as combinatorial techniques which have found other applications also. In this talk, we shall report on applications of some elementary algebraic techniques in addressing some questions related to a weighted generalization.

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