

CCSU
DEPARTMENT OF MATHEMATICAL SCIENCES

COLLOQUIUM

Friday, March 19
2:00 – 3:00 PM
Maria Sanford, Room 101

GENERATING FUNCTIONS AND FACTORIZATIONS OF PERMUTATIONS

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ABSTRACT

Permutations are one of the most basic objects of abstract algebra. One of their most interesting properties is the ability to write any permutation as a product of other, perhaps simpler permutations.

In this talk, I will discuss a few counting problems involving factorizations of permutations, and explain how generating functions can be used to solve them.

For further information:

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