

CCSU
DEPARTMENT OF MATHEMATICAL SCIENCES

COLLOQUIUM

Friday, December 5
3:00 – 4:00 PM
Maria Sanford, Room 101

COUNTING PROPER SKOLEM LABELINGS WITH THE SKOLEM NUMBER

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Abstract: Building on Existing Results for counting Skolem Arrays, I will explore how to count proper Skolem Labelings of ladder graphs. When relaxing the constraint on the number of times a label can appear on a graph, the number of Skolem Labelings increases significantly. I will provide examples and a case analysis for labeling a ladder graph, and I will discuss ways to count and determine the number of distinct labelings using multiple strategies.

To join us online use the following link: <https://ccsu.webex.com/meet/gotchey>

For further information: gotchevi@ccsu.edu; 860-832-2839;

<http://mathcolloquium.sites.ccsu.edu/>