VCU Discrete Mathematics Seminar

On bi-coset (di)graphs and their automorphism groups

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Wednesday, Jan. 31 1:00-1:50 EST

In person! in 4145 Harris Hall, and Zoom @ https://vcu.zoom.us/j/92975799914 password=graphs2357



Bi-coset graphs, introduced by Du and Xu in 2000, serve as a comprehensive description for all semi-transitive graphs. Bi-coset (di)graphs can be thought of as extensions of

Haar (di)graphs, also known as bi-Cayley (di)graphs. The focus of this discussion is to find strong constraints on the automorphism groups associated with bi-coset (di)graphs. In simpler terms, we aim to better understand the inherent structures and symmetries of these (di)graphs.

For the DM seminar schedule, see: https://go.vcu.edu/discrete