

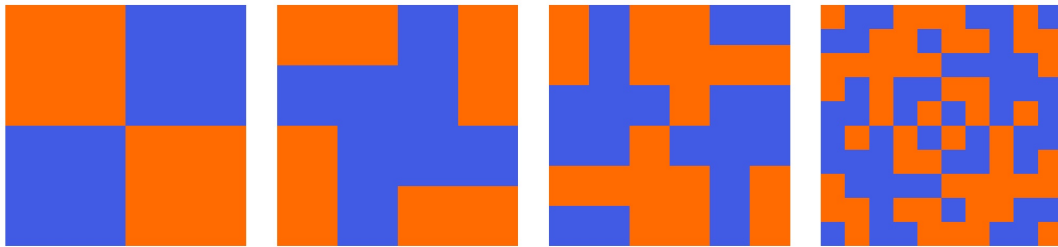
# Student Research Talks (StReeTs)

Mason Experimental Geometry Lab (MEGL)

## Rotational Symmetries of Sequential Matrices

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### Abstract

The Legendre symbol is a powerful tool that has been long studied and is responsible for many developments in algebra, number theory, and algebraic geometry. Using methods of linear algebra, namely sequential matrices, we investigate certain rotational symmetries of the Legendre symbol and generalize it to the Jacobi symbol and other completely multiplicative functions.

Date: Friday, February 15, 2019

Time: 2:30pm–3:20pm

Place: Exploratory Hall 4106

**Pizza and soda will be served at the presentation.**

For further information or for special accommodations, please contact Sean Lawton via email at [slawton3@gmu.edu](mailto:slawton3@gmu.edu) or drop by the MEGL.