

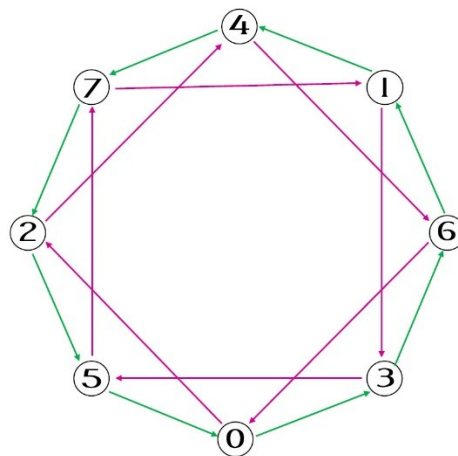
# *Graduate Math and Physics Seminar*

Linear Representations using the left multiplication map

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**Abstract:** The goal of this talk is to explore the relationship between linear representations of groups, and algebras using the left multiplication map. We begin with examples of representing groups in  $\text{Gln}(\mathbb{R})$  with the aid of the left multiplication map. We then go on to show how we find representations of real Clifford algebras with the aid of the left multiplication map and projections constructed by involutions in the canonical basis of the Clifford algebra.



*When:* Monday, February 12, 2018 4:30-5:30pm

*Where:* CSUCI, Del Norte 1530

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