<u>Title</u>: "An Examination of the $K_0$ Groups of the Leavitt Path Algebras of Some Cayley Graphs"

<u>Abstract</u>: It is natural for one to look for patterns in the Leavitt path algebras of well-known families of directed graphs. The Cayley graphs are such a family. Attila Egri-Nagy recently searched for patterns among the Cayley graphs of the cyclic groups $\mathbb{Z}/n\mathbb{Z}$. After performing a calculation on the first two hundred graphs, a surprising pattern emerged. This presentation will examine the pattern and suggest an isomorphism between the resulting groups.