

## **Discrete Mathematics Seminar**

Time: Friday, 31 October 2014, 2:00-3:00 PM  
Room: 237 Derrick Hall  
Title: Injective Envelopes and Projective Covers of Quivers  
Speaker: Dr. William Grilliette, Mathematics Department

### Abstract:

This paper characterizes the injective and projective objects in the category of directed multigraphs, or quivers. Further, the injective envelope and projective cover of any quiver in this category is constructed.

URL: <http://www.combinatorics.org/ojs/index.php/eljc/article/view/v19i2p39>