

*Department of Mathematics,  
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## Zoom for Thought

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## Quiver Representations, Gabriel’s Theorem, and Morita Equivalence

**Abstract:**

A quiver is defined as a directed graph with an attitude towards representation theory. In this talk, I will introduce quiver representations and discuss a fundamental classification result due to Gabriel. If time permits, I will also discuss one possible answer to the question, “Why are quivers?” There are no prerequisites, and there will be many examples.

**Tuesday, March 9, 2021**

**2:00 PM**

**Please see email with subject “Zoom for  
Thought Information.”**

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