

# MATHEMATICS SEMINAR

## Analyzing ranking data

Suppose you are given data in which consumers were asked to pick their two favorite restaurants from a list of 5.

How can you analyze this information?



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In this talk, we will use linear algebra to discern the effects of any one choice on the overall results.

Our methods will use important tools from representation theory called **Young tableaux** and can be applied to any kind of partial ranking data.

Friday, October 16, 2015

12:00pm – 1:00pm

Marieb Hall Room 100

Sponsored by the Department of Mathematics  
Light Refreshments will be provided