Mathematics Club Colloquium

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Title: Category Theory by Example

Abstract: Category theory started as a branch of mathematics that studied various types of structures. Over the past few decades, category theory has arisen in almost every branch of mathematics, theoretical physics, and theoretical computer science. We give the basic definition of a category and discuss the relationships between categories. We then show the ubiquity of category theory by describing ten simple examples of categories from various fields of science. We conclude by showing how category theory is a unifying language of science by describing the relationships between these categories.

Date: Tuesday Nov 29, 2016
Time: 12:30 pm - 2:00 pm
Location: 1127 Ingersoll

This colloquium is sponsored by the Math Club.