

Department of Mathematics and Statistics

COLLOQUIUM

The Dresden Memorial Lectures

The Virtue of Categorification



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One of the core principles to arise in Mathematics over the last half-century is that of categorification--the lifting of numerical quantities and equations to algebraic structures and isomorphisms. Most mathematicians see examples of categorification in algebra, logic, or topology: this talk will focus on examples of categorification arising in applications. The talk will be "friendly"--no background in category theory needed.

TUESDAY, APRIL 8

SCIENCE CENTER 199

Refreshments 4:15

Talk 4:30

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