

Math Club



April

Where are all the missing numbers?

Infinity, Existence and the Continuum Hypothesis

Wednesday, April 13, 2022

5:00 - 6:00 pm

AC 309

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What do mathematicians mean when they say that a number, function or set **exists**? Do they always mean the same thing? Most working mathematicians happily go about their lives **proving or disproving** the existence of various mathematical objects. However, the closer we look, the more **mysterious** and **enigmatic** such existence becomes. In this session we will examine mathematical existence using one of the greatest **unanswered** questions in the mathematics of the infinite: [The Continuum Hypothesis](#).

No pre-requisite knowledge required!