



Mathematical Sciences Colloquium

Dr. Jeffrey Suzuki

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Mathematics

Title: The Worst Form of Government, Except for All the Rest

Abstract: In a democracy, decisions are made by consensus, and social choice theory is the branch of mathematics that focuses on decision making: If voters have a choice of alternatives A, B, C, etc., then a social welfare function takes the set of voter preferences and maps it to a ranking of the alternatives. We'll examine several voting systems to identify desirable features that we want in such a function, look at a surprising result of Kenneth J. Arrow (CCNY 1940), and see if there's a better way to make consensus decisions than the methods currently in use.

Date: Tuesday March 15, 2016

Time: 12:30 pm - 1:30 pm

Location: 1127 New Ingersol

This colloquium is sponsored by the Math Club.