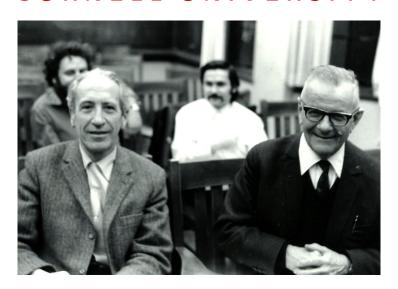# Introduction to Singular Integral Operators

Undergraduate Math Club
CORNELL UNIVERSITY

SPEAKER

Tik Chan

ZOOM LINK

https://cornell.zoom.us/j/92205813476?pwd=NUpSZXloTXcyazNtNFB1czRkRlZmZz09

ABSTRACT

In this talk, we will introduce the concept of singular integral operators in harmonic analysis with a focus on the Hilbert transform. In particular, the emphasis will be on the methods used to study these objects and the big picture ideas behind the proofs rather than the specific results or technical details. Knowledge of basic analysis is assumed and familiarity with Lp spaces will be helpful (but not required as we will review all the necessary properties).

Mar 25 at 6:00pm