GRADUATE SEMINAR

Raymond Benjamin Afful

OPTIMISATION OF REAL GROSS DOMESTIC PRODUCT (GDP) USING MEAN-VALUE-AT-RISK APPROACH

PhD Student supervised by Dr. Andrei Volodin

August 11th, 2023 3:45 pm Math/Stat lounge CW307.20

Abstract: Policy makers and governments are concerned about maximizing economic growth and minimizing volatility in an economy. Using a mean-value-at-risk approach, the study attempts to construct an optimal portfolio of the 20 industries used to estimate real growth. The study uses monthly gross domestic product data from Statistics Canada from January 2007 to December 2022. Compared to the traditional portfolio, the mean-value-at-risk approach proved to be more efficient.



