



# Analysis Seminar

## ISOMETRIC BIPOSITIVE REPRESENTATIONS OF CALIBRATED ORDERED SPACES II

By

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**Abstract:** This is a continuation of the previous week's talk. We continue discussing characterizations of isometric bipositive representability of calibrated ordered spaces on  $C(X)$  with  $X$  a locally compact Hausdorff space. We prove a Jordan decomposition-type theorem for continuous functionals of such spaces and then by using Schaefer's construction and some other techniques, we prove equivalence of the characterizations presented.

**Date:** Wednesday, November 8, 2023

**Time:** 13:45 – 14:45

**Place:** Mathematics Seminar Room, SA – 141