**Department of Mathematics**
**The Chinese University of Hong Kong**

數學系
香港中文大學

# Seminar

# Mixed-norm of Orthogonal Projections and Analytic Interpolation on Dimensions of Measures

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**Abstract:** We obtain new results on mixed-norm of orthogonal projections. In the proof we introduce a new quantity called s-amplitude, and interpolate analytically not only on $p,q$, but also on dimensions of measures. This mechanism provides new perspectives on operators with measures, thus has its own interest.

Date:     8 July 2022 (Friday)
Time:     2:30 pm – 3:30 pm
Venue:   Room 222, Lady Shaw Building,
              The Chinese University of Hong Kong, Shatin

*All are Welcome!*