



# Gastvortrag

Montag, 27. Mai 2024

Uhrzeit: 11:00 Uhr

Seminarraum 2

Fahimeh Arabyani-Neyshaburi  
Ferdowsi University of Mashhad (Iran)

## **Phase Retrieval and Norm Retrieval algorithms for Signal Recovery**

### Abstract:

Phase retrieval is a crucial problem in engineering with various applications across different fields. In this talk, we consider the problem of recovering a signal up to a unimodular constant from the magnitude-square measurements and present some new methods for characterizing phase and norm retrieval frames in Hilbert spaces. Moreover, some numerical results illustrate the potentiality of the norm retrieval approach in signal recovery with respect to the classical framework in frame theory.

Eingeladen von Andreas Schröder