

CENTRAL MICHIGAN UNIVERSITY  
Department of Mathematics  
GRADUATE STUDENT  
SEMINAR

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AN INTRODUCTION TO FRAME THEORY

Tuesday, March 21, 4:00 pm - 5:00 pm  
Pearce Hall, Room 227

Frames play an indispensable part of signal processing, data compression, and many other branches of applied mathematics. In this introductory talk, we will develop the notion of frames from orthonormal bases of Hilbert spaces. We will also discuss the idea of prime tight frames and see the interplay between number theory and frame theory.