

Department of Mathematics and Statistics
Colloquium Lecture Series

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**Almost periodic factorization and its
applications**

The so called almost periodic (AP) factorization is a natural generalization of the classical Wiener-Hopf factorization, arising in consideration of convolution type equations on finite intervals. We will explain the connection, and give an overview of the known results about the AP factorization. While constructive factorization criteria in general are still missing, in several particular cases of practical importance explicit factorization results have been established. They will also be discussed.

Thursday, April 17, 2008
Chapman 106
1:00 – 2:00 pm

Refreshments after the talk in Chapman 101A