Colloquium

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Friday, March 30, 2012 at 3 pm in Bell Hall 143

The s-numbers, Eigenvalues and Generalized trigonometric functions

The main theme of this talk is to discus behavior of s-numbers for integral operators of Hardy type and related Sobolev embeddings, together with eigenvalues for corresponding non-linear problems. Generalized trigonometric functions which were first introduced by Lundberg 1879 will play a crucial role and some of their interesting properties will be discussed.