

COMPLEX ANALYSIS SEMINAR

COMPACT OPERATORS VIA THE BEREZIN TRANSFORM

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ABSTRACT: In this talk, I will present a part of main theorem of the paper "Compact operators via the Berezin transform" written by professors Sheldon Axler and Dechao Zheng. This paper mainly discusses if S equals a finite sum of finite product of Toeplitz operators, then S is compact iff Berezin transform of S equals to 0 on boundary of the unit disk.

Date: Thursday, April 28, 2011

Time: 4pm-5pm

Place: UH 4440

Webpage: <http://math.utoledo.edu/~sonmez/complexseminar.html>