

COMPLEX ANALYSIS SEMINAR

ON COMPACTNESS OF COMMUTATORS AND SEMI-COMMUTATORS OF TOEPLITZ OPERATORS ON THE BERGMAN SPACE

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ABSTRACT: Given a C^* -subalgebra A of algebra $L_\infty(D)$, denote by $T(A)$ the C^* -algebra generated by all Toeplitz operators with symbols in A and acting on the Bergman space over the unit disk D . We will discuss the compactness properties of commutators and semi-commutators of Toeplitz operators from $T(A)$ as well as the structural properties of $T(A)$ and other operator algebras related to the above compactness properties.

Date: Thursday, September 23, 2010

Time: 4pm-5pm

Place: UH 3800

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