COMPLEX ANALYSIS SEMINAR

ON THE COMMUTING PROBLEM FOR TOEPLITZ OPERATORS WITH HARMONIC SYMBOLS

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ABSTRACT: We prove the following theorem: Suppose that $f, g \in L^\infty(D)$, such that $f_n = g_n = 0$ for all $n \gg 0$. If f is harmonic and nonholomorphic and $[T_f, T_g] = 0$, then $g \in \mathbb{C} + \mathbb{C}f$. Joint work with Trieu Le.

Date: Thursday, November 3, 2011

Time: 4pm-5pm

Place: UH 4500

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