

COMPLEX ANALYSIS SEMINAR

ON THE WAT CONJECTURE

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ABSTRACT: The WAT conjecture is the statement that every composition operator on the Hardy space H^2 , is weakly asymptotically Toeplitz, or WAT. It can be shown that the conjecture is true if a certain sequence of Fourier coefficients associated to the symbol of the operator converges to zero. In this talk, I give a short survey of the known results, along with a new contribution involving improvement, sharpening, and extension of those results.

Date: Thursday, February 28, 2013

Time: 4pm-5pm

Place: UH 4100A

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