## **COMPLEX ANALYSIS SEMINAR**

## ON TOEPLITZITY OF THE ADJOINT OF COMPOSITION OPERATORS

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**ABSTRACT**: Building on techniques developed by Cowen and Nazarov-Shapiro, it is shown that the adjoint of Composition operators, induced with unit discautomorphisms, are not strongly asymptotically Toeplitz, the notion introduced by Barria and Halmos. This result sheds some (soft) light on the Nazarov-Shapiro's guess. Also, using the Bourdon-MacCluer's results, Toeplitzity of the product of a composition operator with its adjoint are studied.

Date: Thursday, October 20, 2011 Time: 4pm-5pm Place: UH 4500

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