

1086-47-2840

Mehdi Nikpour* (mnikpour@auaf.edu.af). *Asymptotic Toeplitzness of Composition operators and their adjoints.*

Building on techniques developed by Cowen and Nazarov-Shapiro, it is shown that the adjoint of a composition operator, induced by a unit disk-automorphism, is not strongly asymptotically Toeplitz. This result answers Nazarov-Shapiro's question. In the other direction, we study the asymptotic Toeplitzness of the product of a composition operator with its adjoint. (Received September 25, 2012)