

Abstract

In this talk, we introduce the the reducibility of compressed shifts on Beurling type quotient modules over the bidisk. Firstly, we introduce the pure isometry reducing subspace and Agler reducing subspaces. Then we study the reducibility of $C_0(2)$ by using the characteristic function. Lastly, we obtained the reducibility of $S_{\{z_1\}}$ for the rational inner function with degree $(n, 1)$.