

Toeplitz Operators on Hardy and Bergman Spaces I: The Hardy Space

Abstract: In this first talk of a series of two talks we will survey very well known results about Toeplitz operators on the Hardy-Hilbert space. The main theme will be the invertibility and Fredholmness criteria for these operators. We will also look at compactness of commutators of these operators and C^* -algebras generated by these operators. These talks are especially aimed to be motivating for graduate students who are willing to study these topics.