

Carleson measures and Toeplitz operators with positive symbols for the pluriharmonic Fock spaces

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Abstract

We prove Carleson-type embedding theorems for the pluriharmonic Fock spaces in \mathbf{C}^n , $n > 1$ regarding separately the range $1 < p < \infty$ and $0 < p \leq 1$ under certain conditions. Also, the related questions of boundedness and compactness of the Toeplitz operators with positive symbol are considered.

Keywords: Pluriharmonic Fock spaces, Carleson measure, Toeplitz operators.

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