Compactness of co-analytic Toeplitz operators on de Branges Rovnyak spaces

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Abstract

We study the compactness of Toeplitz operators on de Branges-Rovnyak spaces $H(b)$ with co-analytic and bounded symbols on D. We highlight the fundamental role played by the function b generating the de Branges-Rovnyak space $H(b)$. The characterization of compactness depends on the boundary spectrum of the function b.