ON THE COMPACTNESS OF THE STEVIĆ–SHARMA OPERATOR ON THE LOGARITHMIC BLOCH SPACES

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Abstract. Let \( H(\mathbb{D}) \) denote the space of all analytic functions on the unit disc \( \mathbb{D} \) of the complex plane \( \mathbb{C} \), \( \psi_1, \psi_2 \in H(\mathbb{D}) \), and \( \varphi \) be an analytic self-map of \( \mathbb{D} \). In this paper, we characterize the compactness of the Stević-Sharma operator on the logarithmic Bloch spaces.


Keywords and phrases: Compactness, logarithmic Bloch space, multiplication operator, composition operator, differentiation operator.

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