عنوان مقاله:

Weighted Differentiation Composition Operators from Weighted Bergman Spaces with Admissible Weights to Bloch-type Spaces

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خلاصه مقاله:

For an analytic self-map φ of the unit disk $\mathbb{D}$ in the complex plane $\mathbb{C}$, a nonnegative integer n, and u analytic function on $\mathbb{D}$, weighted differentiation composition operator is defined by $(D_{\varphi,u}^n f)(z)=u(z)f^{(n)}(\varphi(z))$, where f is an analytic function on $\mathbb{D}$ and $z\in\mathbb{D}$. In this paper, we study the boundedness and compactness of $D_{\varphi,u}^n$, from weighted Bergman spaces with admissible weights to Bloch-type spaces.

کلمات کلیدی:

Weighted differentiation composition operator, Weighted Bergman space, Bloch-type space, Admissible weight, Boundedness, Compactness

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