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Linear combinations of composition operators on weighted Bloch type space. (Chinese. English summary) [Zbl 07403576]
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Summary: For $i = 1, 2, \cdots, N$, let $\lambda_i$ be nonzero number, and $D$ the unit open disk of complex plane $\mathbb{C}$, $\varphi_i$ is analytic self-maps of $D$. In this paper, the compactness of linear combinations of composition operators $\sum_{i=1}^{N} \lambda_i C_{\varphi_i}$ on the weighted Bloch space is discussed.

MSC:
47B33 Linear composition operators
30H30 Bloch spaces

Keywords:
weighted Bloch space; composition operator; linear combinations; compactness