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THE BOUNDEDNESS AND ESSENTIAL NORM OF THE DIFFERENCE OF COMPOSITION OPERATORS FROM WEIGHTED BERGMAN SPACES INTO THE BLOCH SPACE

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Abstract. A new characterization for the boundedness of the difference of composition operators $C_\varphi - C_\psi$ from weighted Bergman spaces into the Bloch space in terms of the Bloch norm of the quantities $\varphi^n - \psi^n$, $n \in \mathbb{N}$, is given, as well as an asymptotic estimate for the essential norm of the operator.

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