

ESSENTIAL NORM ESTIMATES FOR COMPOSITION OPERATORS ON BMOA

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I this talk I will discuss two function-theoretic estimates for the the essential norm of an arbitrary composition operator $C_\varphi : f \mapsto f \circ \varphi$ acting on the space $BMOA$, where φ is an analytic self-map of the open unit disc in the complex plane; one in terms of the n -th power φ^n of the symbol φ and one which involves the Nevanlinna counting function. We also discuss new estimates in the special cases of symbols φ which belong to the subspace $VMOA$ or which are univalent.

REFERENCES

- [1] P. GALINDO, J. LAITILA AND M. LINDSTRÖM, *Essential norm estimates for composition operators on BMOA*, Journal of Functional Analysis, **265** (2013), 629-643.

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