

## Hölder regularity of generic manifolds

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*Dedicated to Professor Józef Siciak for his 85<sup>th</sup> birthday*

**Abstract.** In this paper we study Hölder continuity of the pluricomplex Green function with logarithmic growth at infinity of a smooth generic submanifold of  $\mathbb{C}^n$ . In particular we prove that the pluricomplex Green function of any  $C^2$ -smooth generic compact submanifold of  $\mathbb{C}^n$  (without boundary) is Lipschitz continuous in  $\mathbb{C}^n$ .

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