



Oberseminar Funktionentheorie

Friday, February 2, 10:15 am
Mathematik Ost, SE 40

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On the Hardy number of Koenigs domains

Abstract. We discuss the Hardy number for the class of hyperbolic planar domains satisfying Abel's inclusion property, which are usually known as Koenigs domains. In particular, we explore estimates on the values of the Hardy numbers for all regular domains in the above class and also, in conjunction with some geometric attributes of their boundary. Additionally, we outline the connection of the aforementioned class of domains with the discrete dynamics of the unit disk and we investigate the range of Hardy number of Koenigs maps, in the hyperbolic and parabolic case. The results presented stem from a joint work with M. Contreras, F. Cruz-Zamorano and L. Rodríguez-Piazza.

Alle Interessenten sind herzlich eingeladen!