

Ahlfors-regular curves

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Abstract

The first aim of this talk is to give a survey about the important concept of Ahlfors-regularity. We will discuss the connexion of this notion with BMO-Teichmüller theory and in particular a theorem by Cui and the author generalizing to this setting theorems of Lehto and Tukia. We will also discuss rectifiability questions in some growth models (joint work with S. Rohde (Seattle) and Tran Vo Huy and Nguyen Lam Hung (Ho Chi Minh City)).